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POLICY STATEMENTS

Notice of Non-Discrimination

In accordance with Title VI of the Civil Rights Act of 1964, Point Loma Nazarene University does not discriminate on the basis of race, color, age, or national origin. Furthermore, as required by Title IX of the 1972 Education Amendments, Point Loma Nazarene University does not discriminate on the basis of sex in its educational programs, activities, or employment policies. Point Loma Nazarene University also provides equal opportunity for qualified persons with handicaps in compliance with the requirements of Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990. The Director of the Academic Support Office provides advice and support to students with disabilities. Inquiries and appeals regarding compliance with these federal requirements may be directed to the Vice President for Student Development, c/o PLNU.

Reservation of Rights

Point Loma Nazarene University reserves the right to make changes in the academic catalogs regarding personnel listings, tuition and fees, majors and minors, course offerings, course sequencing, and other provisions and requirements relative to academic programs, within the student's term of attendance.

Education Records (FERPA) and Directory Information

The Family Educational Rights and Privacy Act (FERPA) of 1974 as amended affords students certain rights with respect to their education records. These include: 1) the right to inspect and review the student's education records within 45 days of the day the university receives a request for access, 2) the right to request the amendment of the student's education records that the student believes are inaccurate or misleading, 3) the right to consent to disclosures of personally identifiable information contained in the student's education records, and 4) the right to file a complaint with the U.S. Department of Education concerning alleged failures by Point Loma to comply with the requirements of FERPA.

The university has defined directory information as name, address (including electronic mail), telephone number, date and place of birth, major field of study, dates of attendance, degrees and awards received, participation in officially recognized activities and sports, weight and height of members of athletic teams, and the most recent previous educational agency or institution attended. This information may be provided, upon review by the Vice Provost for Academic Administration, as public information or to individuals who demonstrate a need to contact students. Photographs of students may also be used in various university publications or on the university Web site. Students choosing not to release this information or who prefer that their photograph not be used, must inform the Office of Community Life of their request prior to the second Monday of each semester.

The university may disclose education records to college officials with legitimate educational interests. A college official is a person employed by the university; a member of the Board of Trustees; or an individual serving on a committee, such as disciplinary or grievance committees. PLNU also includes among college officials a student appointed to an official committee or assisting another official in performing tasks. A college official has a legitimate educational interest if the information aids the official in fulfilling professional functions.

Questions relative to FERPA policies should be referred to the Office of the Vice Provost for Academic Administration or may be referenced at www.pointloma.edu/FERPA.

Official Catalog

As the on-line catalog is considered to be the official document relative to academic program offerings and charges, any print-outs of pages taken from the on-line version are, by definition, unofficial.

INTRODUCTION TO THE UNIVERSITY

Point Loma Nazarene University is a liberal arts institution sponsored by the Church of the Nazarene. Accredited by the Western Association of Schools and Colleges, Point Loma offers degree programs at the baccalaureate and graduate levels. The university's campus is located on the Point Loma peninsula between beautiful San Diego Bay and the shores of the Pacific Ocean with a current student population of approximately 3,500.

Heritage

In 1895, Phineas F. Bresee, a minister in the Methodist Episcopal Church, and J. P. Widney, a Methodist layperson and former president of the University of Southern California, founded the Church of the Nazarene in Los Angeles, California. Their primary purpose was to bring the good news of the Gospel of Jesus Christ to the poor and underprivileged. In 1902, Dr. Bresee founded Pacific Bible College, at the urging of several laypersons. Its purpose was to train ministerial and lay leaders for the new denomination.

Through the generosity of Mr. and Mrs. Jackson Deets, Pacific Bible College was able to purchase the Hugus Ranch in northeast Pasadena. With the subsequent move to the new Pasadena campus in 1910, the institution became Nazarene University and enlarged the scope of the curriculum to include a typical program in the liberal arts. In 1924, it was reorganized as Pasadena College (PC), the undergraduate honor society known as Sigma Phi Mu was organized, and a system of student government was instituted.

Pasadena College received initial accreditation from the Northwest Association of Secondary and Higher Schools in 1943, and from the Western College Association in 1949. In 1951, PC received state accreditation of its education program, and the Board of Trustees approved the addition of graduate education in 1965. Faced with a growing enrollment and the need for expansion, the college moved to San Diego's historic Point Loma peninsula in the summer of 1973. Today, as Point Loma Nazarene University, the institution offers numerous majors in various academic degrees, is approaching an enrollment of 3,500 at all of its teaching locations with a faculty and staff of 775, and enjoys an ocean-front campus in San Diego and strategically located regional centers throughout southern California.

Church and University

Point Loma Nazarene University is the regional educational institution of the Southwest Region of the Church of the Nazarene. A Board of Trustees, composed of an equal number of ministers and laypersons, oversees the affairs of the university. Board members are nominated from eleven districts in the region and elected to the Board to serve on the self-perpetuating body.

The Church of the Nazarene is an international protestant denomination in the holiness tradition. The denomination is Wesleyan in doctrine and evangelical in mission; its polity is representative. Emphasis is given to the conversion of sinners, the entire sanctification of believers, and the spreading of the Gospel to every person. The Church of the Nazarene is a member of the Christian Holiness Partnership and the National Association of Evangelicals.

The relationship of the university and the sponsoring denomination is characterized by a mutual commitment to the doctrine and mission. In this relationship the university provides quality leaders for Christian service within social, civic, business, and church communities.

The University Community

The Students. The university welcomes qualified students of any and all religious affiliations who desire an education in an environment of dynamic Christian witness. The role of Point Loma in higher education is fulfilled by helping students realize their mental, physical, social, moral, and spiritual ideals. The university's belief is that a personal commitment to Jesus Christ is the basis for achieving self-worth and understanding, the motivation for building a just social order, and the means for relating to God through worship and service.

The Faculty. The Point Loma faculty is composed of Christian teachers/scholars who are dedicated to teaching and other scholarly activity in an environment "where minds are engaged and challenged, character is modeled and formed, and service becomes an expression of faith." Individuals serving as faculty are committed to lifelong learning and teaching. They strive to exemplify excellence in their profession and model a personal understanding of the interconnectedness of faith, learning, and living.

The Staff. The university community also includes qualified persons who provide vital support services to academic and co-curricular enterprises. Often directly involved in the lives of students and faculty, dedicated staff work diligently to provide services that make a quality difference at Point Loma.

The Alumni. Graduates and former students of Point Loma Nazarene University are an equally important—though extended—part of the university community. They embody the mission and goals of the university and seek to make a difference literally all over the world. Alumni participate in the life of the Point

Loma as well through giving opportunities and frequent memorable events on campus.

- University Mission
- Accreditation and Affiliations
- Campus and Facilities

UNIVERSITY MISSION

Mission Statement

TO TEACH ~ TO SHAPE ~ TO SEND

Point Loma Nazarene University exists to provide higher education in a vital Christian community where minds are engaged and challenged, character is modeled and formed, and service becomes an expression of faith. Being of Wesleyan heritage, we aspire to be a learning community where grace is foundational, truth is pursued, and holiness is a way of life.

MISSION CONTEXT

The University, established in 1902 by the Church of the Nazarene, offers quality liberal arts and professional programs on its campus in San Diego and select graduate and professional programs throughout the denomination's Southwest Educational Region.

CORE VALUES

- **Excellence in teaching and learning** - Teaching and learning constitute the central and defining activities of Point Loma Nazarene University. Faculty believe that effective teaching includes maintaining a vital relationship with one's discipline, establishing a positive connection to students, and building bridges among the students as a community of learning with the academic material.
- **An intentionally Christian community** - PLNU wants students to be participants in a community of learning who intentionally think and behave as Christians in all of their endeavors. Through many curricular and co-curricular activities, PLNU builds a community where women and men are challenged to explore ways to align their hearts and minds to that of Christ.
- **Faithfulness to our Nazarene heritage and a Wesleyan theological tradition** - While working cooperatively with the whole church of Jesus Christ, the university is committed to maintaining and celebrating our denominational ties with the Church of the Nazarene and embracing the distinctives of that tradition.
- **The development of students as whole persons** - A complete education prepares women and men to live full lives that integrate the pursuit of knowledge with beliefs, values, and actions. Holistic learning prepares students to make a positive difference in the world.
- **A global perspective and experience** - PLNU students should be equipped to become "world citizens." The university provides academic coursework, international study, field research, and ministry experiences that aid students in becoming conversant with the complexities of life in the global community.
- **Ethnic and cultural diversity** - PLNU recruits women and men from a variety of cultural, ethnic, and socio-economic backgrounds as students, faculty, and staff. A willingness to hear and learn from many diverse voices is foundational to a Christian liberal arts education and prepares students to become truly educated people, equipped to live in a diverse society and world. The university therefore actively pursues ideas, practices, and relationships that honor diversity and encourages engagement with others different from oneself in order to grow in community with and be reconciled to one another.
- **The stewardship of resources** - PLNU considers itself to be caretaker of all that has been entrusted to the university (people, facilities, money, and knowledge), using resources in a way that reflects the purposes of God and protects the goodness of God's creation.
- **Service as an expression of faith** - The university community understands itself to be stewards, not owners, of time, talent, and selves. Part of the call to Christians is to serve the world, working to better the condition of humankind both locally and globally.

The University Seal

The university seal is used on all official documents. It consists of a shield picturing the symbols of VENIA (Grace), VERITAS (Truth) and SANCTITAS (Holiness), themes that—in keeping with the heritage of Point Loma Nazarene University—have been identified with the Wesleyan-holiness tradition.

ACCREDITATION AND AFFILIATIONS

Point Loma Nazarene University is numbered among those institutions of higher education that meet or exceed the rigorous standards of accrediting associations and commissions. Point Loma is accredited by the Western Association of Schools and Colleges (WASC), for which it periodically completes a self-study that addresses recognized principles of excellence. **WASC may be contacted at 985 Atlantic Avenue, Suite 100, Alameda, CA 94501, or by telephone at 510-748-9001.**

In addition, many academic departments and support units, as well as individuals, hold memberships in a variety of professional associations. A complete listing of accreditations and affiliations is located on this Web site.

POINT LOMA CAMPUS AND FACILITIES

Advantages of Location

Point Loma Nazarene University enjoys many advantages from its location in beautiful, culturally rich Southern California. San Diego itself is an area of unequalled climate and spectacular scenic vistas. Neighboring institutions affording advantages in library, culture, and nature study resources include the University of California-San Diego, San Diego State University, San Diego Chamber Orchestra, San Diego Opera Company, Scripps Institute of Oceanography, Palomar Observatory, and many others.

The university enjoys a quiet, natural setting overlooking the Pacific Ocean only ten minutes from the center of metropolitan San Diego. With Los Angeles two and one-half hours driving time to the north, Mexico 30 minutes to the south, the ocean immediately to the west, and San Diego Bay and the Laguna Mountains to the east, the Point Loma peninsula is a most desirable location.

The economy of the greater San Diego area is also advantageous in affording exceptional opportunities for part-time employment for students who desire work to help support themselves.

The Point

The campus, located on San Diego's picturesque Point Loma peninsula, is a 93-acre plot first established as an educational site by the Theosophical Society of America and has been occupied since by Balboa University, California Western College, and United States International University. The early occupants of this site erected a number of wooden buildings, some of which have been renovated and are still in use as designated historical sites. Since 1953, numerous additional buildings have been constructed, and today the campus includes art studio facilities, a theatre, physical education complex, the Fermanian School of Business and Business Center, the Cooper Music Center with its 400-seat Crill Performance Hall, Colt Hall, the Nicholson Commons, Draper Hall, the School of Theology and Christian Ministry, and the Bond Academic Center. Buildings of historical interest include the Greek Amphitheatre, first of its type to be built in the United States; Mieras Hall, built in 1901 by the Spalding family; and Cabrillo Hall, originally the home of Madame Katherine Tingley, leader of the Theosophical Society.

Special Collections

The San Diego campus of Point Loma Nazarene University is not only a garden spot overlooking the San Diego Bay to the east and the Pacific Ocean to the west. It also is home to several collections and works of public art.

Paintings from the Spiros John Karras Collection of California Plein Air paintings, housed primarily in the Cooper Music Center, are prominently displayed for public viewing. The Fischer Collection (a rare and unique set of matched, hand-made string instruments for use by faculty and student string quartets) is housed in the Cooper Music Center and may be viewed and heard in public recitals.

Ryan Library has two collections of note: special collections of the writings of Arminius and John Wesley and the William C. and Frances Vaughters collection of pre-Columbian artifacts. In addition to these collections, the campus is home to various works of art. As a former center for the Theosophical Society, original buildings feature interior woodworking by Reginald Machel. Ryan Library houses sculptures of the artist Scott Stearman and an original Norman Rockwell painting created for use as a *Saturday Evening Post* cover.

Two monumental works of sculpture grace the campus in Point Loma: *The Calling*, by Scott Stearman, and *Centenary Passage*, by Peter Mitten. The first was presented to the university by the Women's Auxiliary to portray Jesus' calling of the disciple Peter as a symbol of the "divine calling to all, the assurance of Christ's constant companionship, and the invitation to become fishers of men." The second is a 10-foot work of granite and bronze created by local artist and former Point Loma Nazarene University faculty member in the Department of Art and Design. It was commissioned to commemorate the university's centennial during the 2001-2002 academic year.

Ryan Library

Ryan Library is the book and periodical repository of the university. These facilities contain approximately 150,000 volumes and 53,143 microforms. Facilities for reading, research, and study are provided for students and faculty. Ryan Library also offers on-line databases for registered students, faculty, and staff. In addition, students may receive in-person as well as on-line reference assistance via both e-mail and chat technologies. Users receive a reply to e-mail queries within two days. Chat reference is a live, real-time exchange with a reference librarian, available during posted service hours. On-line library services are accessible via the Ryan Library home page.

Information Technology Resources

ACADEMIC COMPUTER CENTER (RYAN LEARNING CENTER) COMPUTER LABS

At the San Diego campus, undergraduate students find a robust network with more than 250 computers in

the Ryan Learning Center computer labs and in a number of school and department computer labs. These computers provide students, faculty, and staff with resources for education, research, and communication. The labs make available over 100 applications ranging from word processing to sophisticated statistical, art, programming, and discipline-specific applications.

SOFTWARE

As part of the Microsoft Campus Agreement between Point Loma Nazarene University and Microsoft, students may purchase the Microsoft Office suite of application software for only the cost of the media and shipping (approximately \$50 per software version). This agreement entitles students to use the software on their personal computer during the duration of their education at the university. Graduates may continue to use the software after leaving, as long as Point Loma Nazarene University continues to participate in the Microsoft Campus Agreement. Students are also provided with anti-virus software.

INTERNET SERVICES (E-MAIL AND WEB)

Students can do research and communication using the campus wireless network or from computer labs, library, or residence hall rooms. Each student is given a network and an e-mail account along with a network storage area for storing files, presentations, assignments, attachments, etc. *In addition to telephone and written correspondence, electronic mail is a recognized means of official university-to-student communication. Consequently, students are expected to read their university e-mail on a regular basis. Students may access their e-mail account from residence halls, computer labs, or university computers. When away from the university, students may access their e-mail account via the Web, using their own Internet Service Provider (ISP).* Students are able to use Web browsers to register for classes, check grades, and view their class schedule and other student information. Point Loma Nazarene University has a homepage at www.pointloma.edu.

RESIDENTIAL COMPUTING

All residential students have a network connection in their residence hall room. There is twenty-four hours a day, seven days a week access to the network from the convenience of the student's room for e-mail, research, Web browsing, etc. Each residence hall has a ResCon (Residential Consultant) to assist students in their hall with network connectivity, Internet, and e-mail access. It is highly recommended that students have a computer, preferably a notebook or tablet computer, and a printer to campus. Notebook (laptop) or tablet computers offer the most flexibility to students as they can be connected around campus and can also be used in class.

MEDIA SERVICES

Media Services, under the supervision of Information Technology Services, supports the use of non-print learning resources across the San Diego campus. These resources range from computerized presentation systems to video in several formats, audio in most forms, and various types of film. Audio and video production, viewing and listening carrels, preview rooms, and a self-service materials preparation area are located in Media Services.

Centers and Institutes

The university sponsors several centers and institutes that are directly linked to the academic enterprise and extend the institutional mission in practical ways that assist both students and the broader community.

THE ARMENIAN CENTER FOR INTERNATIONAL DEVELOPMENT

Robert C. Gailey, M.Div., Director

The Armenian Center for International Development exists to apply life-affirming business principles to the complex challenges of global poverty. The center places a particular focus on areas of economic and social development. The center is committed to equipping, training, and sending Christian leaders to serve international communities that are suffering and to support the work of the church. The center supports the vision of the university and the Fermanian School of Business by preparing students for professional service with international humanitarian and missions agencies. The center grew out of an exploratory visit to Armenia by PLNU faculty and George Fermanian to identify ways the university could proactively prepare students to address the humanitarian and economic challenges and opportunities of globalization.

THE CENTER FOR JUSTICE AND RECONCILIATION

James F. Gates, Ph.D., Director

As an organization of Point Loma Nazarene University, in the prophetic traditions of the Holy Scriptures highlighting God's special concern for the poor and the oppressed, and consistent with John Wesley's call to a holiness that is lived out in ministry among and to the poor, the Center for Justice and Reconciliation (CJR) exists to study poverty and oppression and teach Christian means of social engagement.

The CJR directs Urban Term (a summer intensive cross-cultural theological and sociological immersion education program in City Heights, one of San Diego's poorest and most diverse neighborhoods) and promotes study abroad in the poorer nations of the world. The CJR promotes involvement in off-campus activities and networking, hosts co-curricular inter-disciplinary forums and workshops for ongoing faculty, staff and student enrichment on the themes of poverty, globalization, racism, gender discrimination and cross-cultural awareness, and coordinates research projects that address particular needs of the poor in San Diego/Tijuana with a specific focus on the role that communities of faith have in addressing these

needs.

THE CENTER FOR PASTORAL LEADERSHIP

Norman V. Shoemaker, D.Min., Director

The Center for Pastoral Leadership exists to enhance the educational mission of the university through its work with ministerial students, pastors, and the Church. The center is an educational and service resource designed to strengthen the relationship of the university and the sponsoring denomination, the Church of the Nazarene, and to promote effectiveness in pastoral ministry.

Activities of the center include oversight of the Master of Ministry (M.Min.) program, mentoring of pre-ministerial students, continuing education for pastors, and other aspects of church/university relations including, especially, pastoral support.

THE CENTER FOR TEACHING AND LEARNING

Hadley Wood, Ph.D., Director

The Center for Teaching and Learning (CTL) was established to meet the challenge of inspiring and sustaining teaching excellence. Although some CTL programs help faculty address in meaningful and practical ways the rapid pace of current research and technological advances, the majority of the center's programs are designed to support faculty as they learn to develop relationships to their discipline and their students, relationships that "create a space in which the community of truth is practiced" (Parker Palmer). Programs in the CTL include professional workshops and conferences, reading groups, cooperative mentoring groups, and collaborative groups focused on specific teaching issues.

THE EARLY CHILDHOOD LEARNING CENTER

Susan D. Rogers, M.A., Academic Director

Aleta Slater, M.A., Site Director

The Early Childhood Learning Center is designed as an interactive laboratory school. The mission of the Early Childhood Learning Center is to provide a high quality educational experience for university students from observations, demonstration teaching, and experience. Although the Early Childhood Learning Center functions as a laboratory school in the Department of Family and Consumer Sciences, it is open to all academic disciplines of the university in a variety of ways. The center is an open environment where teachers, children, students, and parents interact, play, work, and learn together. The programs of the center are designed to teach the whole child socially, emotionally, cognitively, physically, creatively, spiritually, and to give guidance to the university student in modeling the practice of alternative philosophies of early childhood education.

THE FERMANIAN BUSINESS CENTER

Randy M. Ataide, J.D., Director

The Fermanian Business Center (FBC) seeks to be a connecting point between students, faculty, alumni, and business constituencies through deliberate, intentional, and focused opportunities. Both undergraduate and graduate students are provided valuable resources to enhance their personal and professional success including networking, mentoring and internship opportunities, individual guidance and coaching, resume and business card services, and access to many FBC alumni, corporate, non-profit, and entrepreneur connections. Featured events each year include the Dealmakers of the Year Business Breakfast, the Bank of America Economic Forecast Breakfast, and the Entrepreneur Enrichment Program, as well as a variety of professional development events throughout the year where diverse business topics are discussed over a business dinner with a selected group of industry leaders, thus providing a more intimate venue for personal meetings, interaction, and networking. The center also is available as a full-service conference facility to the university community, San Diego businesses, and various non-profit organizations.

HEALTH PROMOTION CENTER

Mary Margaret Rowe, M.S.N., RN, FNP, Director

The School of Nursing's Health Promotion Center (HPC) was established in May, 2000, to provide needed health care services, referrals and advocacy for individuals and families in the San Diego community in order to promote optimal health. The program is located at the Mid-City Church of the Nazarene.

In fall 2003, the HPC affiliated with the San Diego Health and Faith Alliance to begin providing a free clinic two days a week (Tuesdays and Thursdays) for those adults in the community with little or no access to health care. Using a service learner model, the HPC offers medical care, nursing care, and counseling utilizing students and their supervising faculty as providers of care. Participants include the School of Nursing at PLNU, the Schools of Medicine and Pharmacy from University of California San Diego, the Marriage and Family Therapy program at University of San Diego, and the Clinical Pastoral Education (CPE) program from the Vitas Hospice.

THE INSTITUTE OF POLITICS AND PUBLIC SERVICE

Ronald B. Kirkemo, Ph.D., Director

The Institute of Politics and Public Service seeks to promote the public good by inspiring students to consider careers in public service and building bridges between the university and the real world of politics. Toward that end, the institute sponsors speakers and conferences at the university; subsidizes student participation in off-campus conferences; and organizes non-classroom related activities, projects, and trips

such as the Sacramento Legislative Seminar, the Outreach Conferences of the American Association of Political Consultants, and the quadrennial presidential inaugurations.

THE MARGARET STEVENSON CENTER FOR WOMEN'S STUDIES

Linda M. Beail, Ph.D., Director

The Center for Women's Studies was created as a result of the university's historic affirmation of the value and dignity of women and features a minor in Women's Studies. The minor is a sequence of courses of interest to both women and men that examine important gender issues and offers the opportunity for dialogue about a transformational Christian praxis in these areas. In addition to the academic minor, the center regularly sponsors speakers from on and off the campus and offers students and faculty a library of resources on gender issues and Christianity.

OFFICE OF DISTINGUISHED SCHOLARSHIPS

Ronald B. Kirkemo, Ph.D., Director

Twelve nationally-competitive scholarships, from the Fulbright to the Rhodes, are means of access to the highest levels of intellectual life. The office was created to help superior students compete for these prestigious and life-changing scholarships. The sophomore year is a critical time to begin thinking and preparing for a senior-year application-effort for one of these scholarships. High-achieving students are urged to come by the office for more information.

THE WESLEYAN CENTER FOR 21ST CENTURY STUDIES

Mark H. Mann, Ph.D., Director

The Wesleyan Center exists to inspire a new generation of Wesleyan thinking that will influence the broader church and social worlds of the 21st century. The center provides research opportunities for resident faculty and visiting scholars on vital contemporary issues. To further its mission, the center sponsors individual and collaborative scholarship, convenes conferences and symposia, and funds projects capable of producing Wesleyan perspectives bearing on faith, thought, and practice.

CO-CURRICULAR PROGRAMS

An education at Point Loma Nazarene University is characterized by the intentional interrelationship of the life of the mind, the development of character and social graces, and spiritual formation for a life of service. Thus, university life includes an array of activities and experiences designed deliberately to be seamless. Academic study becomes an act of one's "reasonable spiritual worship," community life and social relationships move in the context of a family that is intent on loving God with all one's "heart, soul, mind, and strength." Faith is seen not as a compartmentalized activity but as a way of life that embraces love for humanity and life-long learning.

Realizing that students spend more time out of class and formal academic settings than in class, the university provides a wide variety of opportunities for undergraduates in co-curricular programming. These include activities directly or indirectly related to academic programs, spiritual life options, and student leadership programs that emanate from the university's mission and sponsoring denominational relationships.

- Academic Affairs
- Spiritual Development
- Student Development

ACADEMIC AFFAIRS

Co-curricular activities in the area of Academic Affairs include, but are not limited to, the following: a nationally ranked forensic team; the annual Sunset Cliffs National Forensics Tournament hosted by the university; California Board of Registered Nursing-approved continuing education courses; the Phi Alpha Theta society for pre-law students; the Point Loma String Project; a wide variety of activities directed by the Fermanian Business Center; and student summer research in biology, chemistry, mathematics, information systems, and computer sciences.

Other opportunities directly or indirectly related to specific majors and programs include a host of ensembles in the Department of Music such as Chorale, Concert Choir, Point Loma Singers, Choral Union, Chamber Orchestra, Concert Band, and Jazz Band; Urban Term, an intentional living community studying local urban issues in the context of ethnic diversity and low-income environments; radio station KPLR and the university television station, supported by the Department of Communication and Theatre; international study trips sponsored by the Armenian Center for International Development; summer marketing research, an honors program in the Fermanian School of Business; and an annual series of Literary Teas, Poetry Day, and a writer's symposium featuring nationally known personalities, sponsored by the Department of Literature, Journalism, and Modern Languages.

SPIRITUAL DEVELOPMENT

The mission of the Office of Spiritual Development is to call faithfully Point Loma Nazarene University to spiritual vitality centered on the Lordship of Jesus Christ, empowered by the Holy Spirit, to the glory of God. Through relationships and programs, the Office of Spiritual Development seeks to teach in ways consistent with the Word of God, shape in the likeness of Jesus Christ, and send toward a lifetime of worship, discipleship, and service. The following information describes the ministries of the Office of Spiritual Development at Point Loma Nazarene University.

Corporate Worship

CHAPEL

Chapel is an integral part of the Point Loma Nazarene University experience. Chapel is a community gathering through which all of us are shaped by God. This shaping experience prepares all to love God, love one other, and love the world with a compassionate commitment. Chapel is a gift through which the university community pauses in the middle of busy lives to give thanks to God, seek God, and worship together. Chapel is a place of corporate worship, prayer, teaching, education, and growth. The primary purpose of chapel is to encourage the formation of Christian community and foster the development of a vibrant, life-changing relationship with Jesus Christ.

Chapel is held three times a week on Monday, Wednesday, and Friday at 9:45 a.m. It is the university's belief that chapel has an important role in Christian liberal arts education, and, as such, is required for all undergraduate students.

TIME OUT

Every Wednesday at 9:00 p.m. students gather in an informal worship setting designed to encourage an intimate, personal relationship with God through music, prayer, sharing of life, and teaching from scripture. Time Out is a voluntary worship experience for all students.

Spiritual Care

I Thessalonians 2:8 expresses the heart of the work in the Office of Spiritual Development: "We loved you so much that we were delighted to share with you not only the Gospel of God but our lives as well, because you had become so dear to us." Spiritual care offered in the context of loving relationships is at the center of the Office of Spiritual Development.

SPIRITUAL DIRECTION

Encouraging a personal relationship with Jesus Christ is the university's highest priority. The prayer for every student is that, in their time at Point Loma Nazarene University, God's voice will be heard, God's will discovered, and God's mission embraced.

PASTORAL CARE

The office staff is available for prayer support, spiritual guidance, pastoral counseling, and pastoral care during times of crisis.

Worship Ministries

Worship Ministries creates opportunities for those willing to use their musical talents in a ministry format. Students involved in worship ministries assist in leading the university community in praise, worship, and response to God's voice.

CHAPEL MUSIC BANDS

Each fall students may audition to participate in a worship team. These teams provide worship leadership through music in chapel and Time Out. Currently, there are three chapel bands that lead in campus venues on a regular basis.

SUMMER MINISTRY TEAMS

Each summer students are selected to travel across the Southwest Educational Region of the Church of the Nazarene to minister to churches, youth camps, conventions, and retreats through music.

Discipleship Ministries

Discipleship Ministries creates opportunities to seek and discover faithful ways of living that reflect the life of Christ. The university is committed to engagement in more faithful ways of learning about what it means to love God and neighbor, when practices become a sacred obligation that express joy, hope, and faithful discernment. Programs in Discipleship Ministries invite the student to engage in rhythms that include faithful reflection, spiritual nourishment and friendship, study of the Word, discussions on relevant issues in the culture and world, and the worship of God expressed in creative ways.

COVENANT AND DISCIPLESHIP GROUPS

By participating in a covenant group, students enter into a weekly rhythm of creating a time for rest, encouragement, learning, and spiritual friendship. Covenant groups encourage living in healthy ways of being by experiencing God's transforming work, individually and communally, thus assisting students in

guiding and shaping and having an impact on the world in which students live.

RETREATS

Discipleship ministries also offers spiritual formation retreats, men's retreat, and a women's retreat for the PLNU community. These weekend retreats offer opportunities for students, faculty, and staff to come together and build relationships with one another outside the normal university setting. Retreats focus on Christian formation through fellowship, worship, discussion, and sharing about personal life journeys.

FILM FORUM

Once a month the film forum offers an opportunity to view classic and contemporary films through a spiritual lens. These film presentations invite the student to engage in lively discussions about human nature, local and global realities, and universal themes as shown through plots and symbols. The Film Forum is a critical look at how faith and film intersect today and how the community might use this medium toward Christian formation, both individually and corporately.

Student Ministries

Student Ministries creates opportunities for those willing to put their hands and hearts to work in the lives of people throughout the greater San Diego area and northern Mexico. University groups serve in locations ranging from orphanages in Mexico to homes for the elderly, from homeless shelters to children's hospitals, and from inner-city tutoring sites to cyber cafes, and many others. No special skills or abilities are required, only the student's desire to join in the adventure of ministry and the blessing of rich relationships formed through Christian service.

International Ministries

International Ministries creates opportunities for those willing to be taught by Christian brothers and sisters around the world. Those involved in international ministries have the privilege of coming alongside on-going efforts of ministry in a variety of world settings as they allow God to impact and shape their hearts and minds.

LOVEWORKS SHORT-TERM MISSIONS

The LoveWorks short-term mission program functions as a resource to missionaries, pastors, and congregations serving Christ in various international settings. Through the LoveWorks program, over 2,000 students, faculty, and staff from PLNU have served on every continent.

The preparation, safety, and well-being of those involved in the trips are taken into account at all times, and all team members are required to participate in weekly training sessions conducted by the Office of International Ministries.

YOUTHWORKS

YouthWorks is a mission camp opportunity for Nazarene high school students and youth workers on the Southwest Educational Region of the Church of the Nazarene. The university works in partnership with on-going ministries of local Nazarene churches in northern Baja Mexico. The goal is to provide high school students the opportunity to serve and learn in cross-cultural settings where local teenagers from Mexico are fully integrated into the program activities. Current Point Loma undergraduate students serve as staff for week-long installments of these summer mission camps.

GRADWORKS

GradWorks is an opportunity for recent graduates of PLNU. International service options are available around the world, ranging from three months to two years. Placements are made based on a networking of the skills and interests of the graduate with the needs and strategies of the host field location.

STUDENT DEVELOPMENT

Student Development at Point Loma Nazarene University is dedicated to engaging students in the active and energizing process of learning.

Point Loma Nazarene University believes that the most complete education prepares a person to live a full life. This quality education incorporates intelligence and reason as well as character, integrity, commitment, and faith. With this in mind, PLNU strives to educate the whole student. This holistic approach challenges students to integrate their knowledge—even as they are attaining and processing it—with their beliefs, values, and actions.

The holistic way of thinking seeks to encompass multiple layers of meaning and experience. Each relationship that a student develops with the university community serves to increase the depth of learning that occurs in the student's life. These relationships are built and the learning is accomplished in both curricular and co-curricular settings.

Through their relationships with faculty, staff, and administration, students are motivated not only to acquire specific knowledge in an academic specialty but also to increase personal understanding and make meaning of their own lives emotionally, socially, physically, spiritually, and cognitively. Faculty and staff incorporate the students' "meaning-making" into the learning process. They help students to work with others, to establish professional relationships, to manage change, to assess self, to clarify values, and to broaden the individual student's perspective of life.

The total experience for students at Point Loma teaches and shapes individuals. In the experience, students integrate an understanding of themselves and their future. Stimulated by the positive influence of both the environment and people, students are prepared and sent from the university to have a positive and courageous impact on their world.

Student involvement with every aspect of university life is designed to give students the following message: "Learn all you can, shape your life through quality relationships, and serve Christ, the church, community, and the world."

The Office of Student Development coordinates a multitude of co-curricular programs in the areas of Academic Support, Athletics, Nicholson Commons, Public Safety, Residential Life, Student Engagement and Retention, and the Wellness Center.

Academic Support

ACADEMIC ADVISING

The Office of Academic Advising enhances the quality of the educational experience of the student through responsible advising. This advising facilitates the development of an academic program by helping students identify their educational, personal, and career goals and to plan an academic program to meet those goals.

Each student is assigned an advisor on the following basis: all students with a declared major are advised by a faculty academic advisor in their major; all undeclared majors are advised by the Director of Advising until a major is selected. After a major is selected, the student is advised by a faculty member in that department or school.

Special Needs. Students having special needs are required to produce documentation of a specific learning disability conducted within the last three years, to be placed on file in the Advising Office. A complete set of aptitude and achievement test results is required. Once this is done, a needs assessment is developed in collaboration with the student. Because the provision of all reasonable accommodations and services is based upon assessment of the current impact of the student's disabilities on academic performance, it is in the student's best interest to provide recent and appropriate documentation. Special physical accommodations must be addressed before the start of the semester.

SPECIAL ACADEMIC SERVICES

University Policy on Disabilities. PLNU is committed to providing reasonable services and accommodations to meet the needs of qualified students with disabilities to facilitate their academic goals, according to Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990. Individuals who may be eligible for services include, but are not limited to, those with disabilities such as learning, functional, psychological, visual and/or hearing impairments. These conditions must be of a degree that they seriously impair a major life activity.

The Office of Special Academic Services at PLNU is located in the Bond Academic Center (619-849-2486) and is the first point of contact for students who have disabilities or special needs. All accommodations and services are based on assessing the impact of the disability on academic performance; therefore students are required to provide documentation from a licensed professional to the Director of Special Academic Services prior to receiving accommodations.

Request for Accommodations. An Application for Services, which is available in the Academic Support Center, begins the process for accommodation. Students should contact the Director of Special Academic Services to request an application. After admittance, students should make their needs known to Special Academic Services as soon as possible so that arrangements for accommodations can be initiated. Students having special needs are required to submit a complete set of aptitude, achievement, and/or medical test results specifying disability that have been conducted within the last three years. Documentation should be recent, relevant, and comprehensive. If the original documentation is incomplete or inadequate to determine the extent of the disability or reasonable accommodations, the university has the discretion to require additional documentation. Special physical accommodations must be addressed before the start of the semester.

Once this process is complete, a needs assessment is developed with the student. Because the provision of all reasonable accommodations and services is based upon assessment of the current impact of the student's disabilities on academic performance, it is in the student's best interest to provide recent and appropriate documentation.

Appeal Process. Any student has a right to appeal the decisions made regarding academic accommodations. The student must submit a written statement of the dispute to the Director of Academic Advising. The director (619-849-2481) will review the student's statement and documentation to decide if the current plan or decision is appropriate.

TUTORIAL SERVICES

The Tutorial Center at PLNU provides a variety of free tutoring and academic enrichment services to assist students in managing course curriculum requirements, such as:

- Academic counseling (time management, test-taking strategies)
- Class review sessions
- Computer programs (Read and Write, Inspiration, Ace Reader Pro Deluxe, Dragon Naturally Speaking, ZoomText, Kurzweil 3000, and OpenBook)
- One-on-one peer tutoring (available for most courses)
- Study skills resource library (resources for test taking, note taking and time management)
- Writing assignment assistance

The Tutorial Center is staffed by students who have received comprehensive training and are faculty-approved. Students are encouraged to visit or call the Bond Academic Center (619-849-2593) to schedule an appointment.

Athletics

INTERCOLLEGIATE

Point Loma Nazarene University is a member of the National Association of Intercollegiate Athletics (NAIA) and participates in intercollegiate competition in the Golden State Athletic Conference (GSAC). Through athletic competition, students who are skilled athletes have the opportunity to excel to the highest potential of their ability. Point Loma athletes share a heritage of winning. The concept of the Christian scholar-athlete is the guiding principle for participants. Students are expected to demonstrate physical fitness in lifestyle, fairness in competition, humility in winning, and dignity in defeat.

Opportunities are provided through Intercollegiate athletics relative to the university's commitment to the athlete's spiritual dimension. Time is set aside by all teams on a monthly basis for fellowship, and an annual worship service and honors recognition luncheon is held in the fall exclusively for athletes and their families.

The athletic program at PLNU espouses the National Association of Intercollegiate Athletics-sponsored emphasis on Champions of Character. This means a commitment to the development of student athletes to become persons who value the qualities of respect, responsibility, integrity, servant leadership, and sportsmanship.

Intercollegiate sports for women include basketball, volleyball, cross-country, softball, soccer, tennis, and track and field. Intercollegiate sports for men include basketball, cross-country, soccer, tennis, baseball, golf, and track and field. These activities are under the guidance of the Director of Athletics and the Vice President for Student Development.

INTRAMURAL

The intramural program is designed to enhance and extend the student's opportunities for wholesome and beneficial physical activities through recreational and competitive programs.

A vigorous intramural sports program is under the guidance of the intramural coordinator through the Department of Athletics. Competitive events are seasonally scheduled such as flag football, basketball, volleyball, softball, tennis, soccer, and others. Co-educational activities are available in several sports.

Nicholson Commons

Nicholson Commons provides activities and programs that enrich the university community academically, socially, physically, emotionally and spiritually. This social center for the university supports faculty, staff, and students in their desire to stimulate learning through positive, informal, collegial contact. The facility houses an Information booth, study areas, lounges, the Recreation Room, Common Knowledge Bookstore, Express Store, dining rooms, conference rooms, MOSAIC Commuter Lounge, Commuter Student Services, Point Break Cafe, Outdoor Leadership and Recreation Program and offices for ASB, the Mane Event Office, Nicholson Commons staff, clubs, organizations, the offices of Spiritual Development and Student Development, KPLR radio station, and the Wellness Center.

FOOD SERVICES

Meals are served regularly in the Dining Room of Nicholson Commons and conform to regulations of the City and County of San Diego and the State of California. Resident students are required to subscribe to a meal plan. Other students, faculty, staff, and guests may purchase meals on an individual basis. A snack bar, Point Break Cafe, is available for short orders.

OUTDOOR LEADERSHIP AND RECREATION

Outdoor Leadership and Recreation, located on the first floor of Nicholson Commons, provides equipment and opportunities for engaging students in the enjoyment of the outdoors. Through four programs, university students establish relationships with friends, rent equipment for getaways, learn new activities while exploring God's creation, and discover ways of working with peers through team-building programs. Programs include: the Recreation Room, the Outdoor Rental Center, Great Escapes Adventures, and the Guide Development Program.

STUDENT EMPLOYMENT

The mission of the Office of Student Employment is to help students discern and/or confirm their individual callings through their university employment experiences. Student Employment offers a variety of services including: online postings of both on- and off-campus jobs, support and advice for students who encounter challenges with their employment, and job search assistance. For more information, visit www.pointloma.edu/work.

TRANSFER STUDENT SERVICES

Transfer Student Services serves as a central point of information for campus resources, services, and opportunities designed specifically for transfer students. We provide students with assistance, support and connections to campus resources to facilitate a smooth transition to the PLNU community. Transfer Student Services is located within the Commuter Student Services office on the first floor of Nicholson Commons. They are here to help you, the Transfer Student, succeed at Point Loma Nazarene University. For more information, students may visit [www.pointloma.edu/StudentDevelopment/Transfer_Student\)_Services](http://www.pointloma.edu/StudentDevelopment/Transfer_Student)_Services).

Department of Public Safety

The Department of Public Safety strives to maintain a safe environment for the university community. To achieve this, the department functions twenty-four hours a day, seven days a week. The university emergency telephone number is 619-849-2525.

Vehicular Regulations. Parking and driving on the main campus is a privilege. The owner/driver is referred to the *Student Handbook* and *University Vehicle Code* (www.pointloma.edu/studentdevelopment/publicsafety/community) for complete regulations. A parking permit must be obtained for motor vehicles. The university assumes no liability for damages or theft of vehicles. The parking permit and the privilege of driving on university property may be revoked if, in the judgment of the administration, the vehicle is misused or if the *University Vehicle Code* is persistently violated.

Vehicle Registration. Freshman residential students are not permitted to bring vehicles to the university. All vehicles operated by students must be registered. Registration is required within the first two weeks of each semester. To register a vehicle, a student must preregister on-line through the portal (student account access). Registration is not complete until the student picks up the permit at the Office of Public Safety. Students must present the vehicle and show a current driver's license, Department of Motor Vehicles registration, and student identification card. Motorcycles, scooters, and mopeds must also be registered. A valid motorcycle driver's license and approved helmet are required. Vehicle registration is an important part of the university safety plan, and therefore vehicles must be registered the first two weeks of the semester. Only registered vehicles are allowed to operate on the main campus. Non-California drivers must show proof of insurance.

Shuttle Services. The Department of Public Safety provides an on-campus transportation service to residential students. For additional information, students may refer to the *Student Handbook*.

Note: The university is not responsible for loss or damage to persons or their property.

Residential Life

Approximately two-thirds of undergraduates live in university residence halls. The primary goal of residential life is to foster an environment in which vital Christianity is encouraged, experienced, and modeled. Residential life is an integral part of the co-curricular experience and encourages the academic, spiritual, and social growth of students. In addition, residential living provides students with an opportunity to meet students from a variety of cultural backgrounds.

Application for admission to the university and application for on-campus housing are two separate steps. Students may refer to admission procedures for further information regarding housing. On-campus housing options include eight traditional residence halls and apartment living for single and married students without children. The university does not guarantee housing for all four years.

OFF-CAMPUS HOUSING

All single undergraduate students under the age of twenty-three (23) years of age are required to live in university housing. Exceptions to this policy are married students, students living with parents, or students residing in a live-in work situation. Occasionally, due to high housing demand, some upper-classmen are permitted to live off campus.

Students requesting to live off campus must file an off-campus petition within established deadlines, through the Office of Residential Life. Each petition is carefully verified. Students who have had any serious disciplinary sanctions during the previous two semesters at the university are not eligible to live off-campus. Students with previous disciplinary violations at PLNU may not be eligible to live off campus; decisions are made on a case-by-case basis. Any change of residence or phone number must be changed on the student portal immediately.

COMMUNITY STANDARDS

Responsibility, accountability, and disciplined living are a reflection of vital Christianity. Students are expected to conduct themselves in a manner which enhances the lifestyles and ideals of the university, both on and off the campus. Students who are granted admission and subsequent registration to the university must adhere to the following:

- to acknowledge that maturity entails both the experience of freedom and the acceptance of limits;
- to seek an understanding of those who come from different backgrounds;
- to exhibit a respect for other members of the community; and
- to receive and seek constructive feedback from other members of this community.

RESIDENTIAL HOUSING

Application for Housing. Students planning to live in a residence hall must file a Residence Hall Application and Contract as well as a housing deposit. For returning students, once registration for the fall semester is completed (which constitutes a reservation for the fall semester), the housing deposit is non-refundable. For new students, the deposit is refunded consistent with the dates published in admission materials. Refunds of board charges are made for any student who moves out of the residence hall during the course of a semester according to the schedule printed in the *Catalog*. Residence halls are officially closed during Christmas Recess and Spring Break. The right of occupancy does not include these periods.

Residential Housing Assignments. Residential housing assignments for new students are made after the housing staff considers such factors as classification and date of a paid housing contract. An attempt is made to make roommate assignments that are compatible and beneficial to all concerned. Specific roommate requests must be mutual and accompany the paid housing contract. New and transferring students receive their residence hall assignments as they become available through the on-line student portal. The university does not consider roommate change requests based upon actual or perceived race, ethnicity, national origin, age, or disability, or perceptions based on personal profiles and/or information found on the Internet.

Furnishings. Residence hall rooms are furnished with window coverings and each student is provided with extra-long single bed, dresser, study table and chair. Students must provide their own bed linens and towels. While most cooking appliances are prohibited, a compact refrigerator (maximum 4.4 cu. ft.) and a small microwave (maximum of 800 watts) are allowed.

STUDENT LIFESTYLE

A major purpose of the university is to assist students in their preparation for daily living. The totality of the university environment is intended to be a learning experience. Some of the most significant learning occurs in the context of everyday experiences.

Students are expected to exercise self-discipline and sound judgment and to manage their conduct both on and off the main campus in a manner consistent with agreements made upon application and with the university *Catalog* and the *Student Handbook*. In addition, an accepted application for admission and subsequent registration is considered an agreement between the university and the student for the following:

- to demonstrate responsible citizenship by showing concern and respect for the freedom and rights of others;
- to give thoughtful attention to the development of personal values as a basis for wholesome Christian conduct; and
- to abstain from the use of alcoholic beverages, tobacco, illegal drugs, the use of profane language, gambling, pornography, and from entertainment which diminishes moral perceptivity and judgment.

Point Loma Nazarene University has a strict policy regarding any use of alcohol, illegal drugs, and tobacco or smoking products. The university reserves the right to require a test for drugs upon probable cause. The expense for tests with positive results is the student's responsibility. Participation in such activities is cause for disciplinary action, suspension, or termination from the university.

Student Engagement and Retention

The offices within Student Engagement and Retention strive to provide place, voice, and connection for each PLNU student. A PLACE...to belong, to grow; a place safe enough to take risks, try new ways of doing and being; a VOICE...to question and explore, to declare oneself; a voice for the present and the future; a CONNECTION...of faith, of reason, of friendship, of community. Student Engagement and Retention includes the following offices: Career Services, Community Life, Commuter Student Services, Multicultural and International Student Services, Nicholson Commons, Outdoor Leadership and Recreation, and Student Employment, and Transfer Student Services.

CAREER SERVICES

It is the goal of the Career Services Office to assist students in the process of career selection and planning. The Career Services program provides the following:

Office of Career Services. The director and associate director furnish one-on-one counseling in assessment, career planning, job search techniques, resume development, and arrangements for campus job interviews. In addition, the office offers seminars highlighting all aspects of employment readiness plus pertinent issues relating to future employment. An annual Career Fair in the spring aids the students in selecting a viable career as do other Job Fairs held throughout the year for nursing, teacher education, and summer camps. Students are also able to attend a Graduate School Fair and a Seminary/Religious Studies Fair to help them choose an appropriate graduate experience.

Career Resource Center. The Center offers students a wide range of career-related materials including graduate school information, NACElink, MonsterTRAK.com—a daily update of job listings—access to the Internet, a mock interview video room, job search materials, and employer information. More information is available at www.pointloma.edu/career.

COMMUNITY LIFE

The Office of Community Life seeks to assist students in their personal growth and in leadership development. Experiential leadership opportunities are designed as a developmental offering from this department. Also, programs offered provide quality and affordable activities throughout the academic year.

In addition to the all-student outings and small group activities sponsored by Community Life, the Activities and Community Relations offices of the Associated Student Body (ASB) sponsor many events that provide opportunities for personal growth.

STUDENT GOVERNMENT (ASB)

The Associated Student Body of Point Loma Nazarene University (ASB) is a constitutional organization of the entire student body created for the purpose of (a) providing meaningful, student-sponsored educational, social, cultural, religious, and service opportunities for member students; (b) fostering constructive communication and interaction between the members and the administration and faculty; (c) fostering good relations between ASB members and the university's surrounding community; (d) establishing rapport with other student associations with similar objectives; and (e) providing opportunities for members to develop leadership qualities. The affairs of the ASB are managed by a student board of directors elected by the student body. A staff member from the Office of Student Development serves as advisor to the student government.

STUDENT MEDIA

Student Newspaper. The official publication of the student body is *The Point Weekly*. The editor is appointed by the Media Board, subject to certain scholastic and residence requirements. The staff, recommended by the editor and approved by the Media Board, affords interested students an opportunity for practical training in journalism. The subscription price for the paper is included in the general fee.

Yearbook. *The Mariner* is the student body yearbook and is a pictorial record of university activities during the academic year. The editor is appointed by the Media Board. The staff is chosen by the editor. The publication is supported by student fees and advertising. An additional fee may be charged for its reservation.

Other Publications. The *Student Handbook*, containing general information, including policies and regulations, is published each year. It is also available on the PLNU Web site under the heading of Student Development. The *Driftwood* is the annual student literary magazine published by the Department of Literature, Journalism, and Modern Languages. Students from all majors, faculty, and staff are encouraged to submit features, photographs, designs, and business ideas. Students from all majors may join the staff.

Radio Station. KPLR, the university radio station, provides professional training for students developing a career in broadcasting. The station serves the main campus and Internet listeners with a contemporary Christian format.

Television Station. CCTV, the university's cable broadcast medium, allows students to write and produce original programming that is aimed at educating and entertaining the on-campus community. CCTV strives to follow current industry standards in all areas of station operation. Staff positions are filled annually, and students from all majors are encouraged to participate.

STUDENT ORGANIZATIONS

Students may join one or more of the organizations that provide co-curricular activities.

- **Asian Student Union (ASU)**, a club for Asian students or for any who are interested in Asian culture.
- **Association of Latin American Students (ALAS)**, a club for Latin American students or for any who are interested in Latin American culture.
- **Board of Review**, as the judicial branch of the ASB, the Board of Review upholds the Associated Student Body Constitution and ensures students' rights therein.
- **Black Student Union (BSU)**, a club for African American students or for any who are interested in African American culture.
- **Cheerleading**, for students who support the sports program through organized cheering.
- **College Democrats**, brings in guest speakers and plans events that promote the political views of the Democratic Party.
- **College Republicans**, a club for those who wish to actively support or are interested in the political views of the Republican Party.
- **French Club**, for students who wish to practice speaking French and learn about French culture.
- **Guerilla Film Society**, for students interested in film-making and film appreciation.
- **Herpetology Society**, for reptile and amphibian enthusiasts.
- **Hui O Hawaii**, a club for Hawaiian students or for any who are interested in Hawaiian culture.
- **International Club**, a support organization for international students.
- **Kinesiology Society**, exists to unite students majoring in a program of the Kinesiology Department.
- **Klub Deutsch**, for students who wish to practice speaking German and learn about the diversity of German culture and traditions.
- **Men's and Women's Volleyball**, for students at the university who wish to play volleyball on a club team.
- **Mu Kappa**, an international organization for students whose parents serve as Christian missionaries.
- **Phi Alpha Theta**, the international society in History program at PLNU.
- **Pointless**, an all-male a capella ensemble for students performing at the university.
- **Phi Upsilon Omicron**, a national honor society in Department of Family and Consumer Sciences.
- **Pi Sigma Alpha**, stimulates student scholarship and interest in government, public affairs, and political philosophy.
- **Psi Chi**, a national honor society for students in the Department of Psychology.
- **Rugby Club**, for students interested in playing rugby competitively.
- **Social Work Club**, a professional organization designed to increase social awareness and serve the community.
- **Student Affiliates of the American Chemistry Society**, promotes the field of Chemistry.
- **Students in Free Enterprise**, a club for students interested in business practices and principles.
- **Social Work Club**, for students interested in the field of social work.
- **Society for the Integration of Psychology and Theology**, for students who are interested in discussions pertaining to both fields of study.
- **Student Nurses Association of Point Loma**, an organization for students planning to enter nursing as a career.
- **Surf Club**, for students who wish to surf competitively.
- **Table Tennis Club**, for aficionados of table tennis.
- **Thon Club**, for students interested in running.
- **Tri Beta**, a national honor society for students in the Biology program.
- **Voices in Praise**, a vocal ensemble that exists to provide an outlet for worship in a diverse style.

There is one scholastic organization: **Phi Delta Lambda**, the national honor society for all educational institutions of the Church of the Nazarene, for undergraduate students who are academically ranked in the upper-fifteen percent of the graduation class; these students are so recognized during the

undergraduate commencement ceremonies.

COMMUTER STUDENT SERVICES

Commuter Student Services is committed to providing services and programs for students who do not live in university residential housing and is a point of contact and advocate for their unique needs. The Commuter office is located on the first floor of Nicholson Commons.

MULTICULTURAL AND INTERNATIONAL STUDENT SERVICES

This office seeks to build cross-cultural understanding, appreciation, and unity in the university community, accomplished by supporting students of diversity as individuals and as part of student organizations. Connections are built primarily under the banner of MOSAIC (Multicultural Opportunities for Students Actively Involved in Community). This includes the Association of Latin American Students (ALAS), Black Student Union (BSU), Hui O' Hawaii, International Club, Asian Student Union (ASU), Mu Kappa International, Students for Social Justice (SSJ), Voices in Praise (VIP) gospel choir, and Team Barnabas. Voices in Praise gospel choir is a vibrant ministry opportunity as well.

International Student Services is dedicated to assisting international students with the goal of achieving a rich and productive experience at Point Loma Nazarene University.

Wellness Center

Wellness encompasses physical, emotional, intellectual, spiritual, and social health. Point Loma Nazarene University offers programs that enable all students to participate in and be educated in these aspects of wellness. The center's mission is to assist students in maintaining a high level of wellness so they are able to achieve their academic goals.

The Wellness Center coordinates services in physical and emotional health and in outreach education. A team of nurse practitioners, counselors, and health educators work together to provide a comprehensive program. The staff has developed ties with a number of practitioners in the San Diego area including physicians, urgent care facilities, counselors, and dentists.

The center is open from 8:00 a.m. to 4:00 p.m., Monday through Friday, and closes from 12:30 to 1:30 for lunch. Medical and counseling services are free to all registered students. Professional staff is on-call for emergencies after hours and can be accessed through the Department of Public Safety. Counseling appointments may be made by calling the center's assistant at 619-849-2574. A nurse practitioner may be seen in the morning on a walk-in basis and in the afternoon by appointment. Students with emergencies after hours may be referred to a primary physician, Sharp Rees-Stealy Urgent Care (open 8 a.m. to 10 p.m. daily), or the emergency room at Sharp Memorial Hospital (a 20-minute drive from the university campus).

Additional services include: a bimonthly physician clinic, immunizations, tuberculosis skin testing, travel medications, the Peer Educator Program, referrals, wellness speakers, support groups, and special presentations. For more information, students may visit the Wellness Center website at www.pointloma.edu/wellnesscenter.

Student Insurance

Insurance is an important part of health care. The Wellness Center recommends that all parents and students review their private insurance, talk about how to access care in San Diego County, and plan ahead for possible future needs. **All students must have insurance coverage for illness and injury.** All undergraduate students regardless of course load or study abroad status are billed for a student insurance policy each year. With proof of health insurance, students may waive charges on a yearly basis via the student portal at <https://my.pointloma.edu/ics/Students>. There is a deadline for this process after which charges cannot be removed from the student's account. There is no provision for student insurance for students who enter during the summer. The student insurance plan is available for graduate students, spouses and children by application through the Business Office during the first three weeks of fall and spring semesters.

REQUIREMENTS AND PROCEDURES

As a Christian institution providing higher education in the liberal arts and selected professional areas, Point Loma Nazarene University offers admission to qualified applicants of moral character, personal maturity, and intellectual ability. Preference is given to those who share the ideals and objectives of the university, and whose self-directive capabilities might enable them to profit in an optimal way from its total program of learning and developmental experiences. The Enrollment Management Committee of the faculty has ultimate responsibility for admission and readmission to the university. The university maintains a policy of non-discrimination in the admission of students.

All necessary forms in the process of application may be obtained from the Admissions Office. In preparation for initial entrance or readmission, applicants are encouraged to file the appropriate forms early in the process. Admission to the university does not in itself assure the student of housing, financial aid, or other necessary arrangements. It is the responsibility of the applicant to make such arrangements with the appropriate office. February 15 is the priority deadline for admission to the university for the fall semester.

Admission to Freshman Standing

Students may apply as early as the fall semester of their senior year in high school or one year prior to transfer from another college or university. First-year applicants may apply for early action or regular admission. Early action is an option reserved for students who have made Point Loma Nazarene University one of their top-choice institutions providing notification by December 20th. The deadline for early action is November 15th and requires receipt of all admission materials, including transcripts and test scores. Applicants for the February 15th regular admission priority deadline and those deferred from Early Action may receive notification between mid march and mid April. Students seeking admission to the university following their secondary education must file the following with the Admissions Office:

- a formal application for admission;
- two recommendations;
- official SAT and/or ACT score reports;
- a high school transcript or its equivalent; and
- a formal interview.

The university expects applicants for admission to follow a typical preparatory course of study during their high school years. This should include the following program:

English	4 years
One foreign language	2 years
History	1 year
Algebra	1 year
Geometry	1 year
Laboratory science	1 year

Note: Students who plan to major in mathematics or any of the sciences should include at least three years of mathematics and laboratory courses in physical or biological sciences in their high school programs.

Students who are admitted with any deficiencies in the above preparatory pattern may be required to make up such deficiencies either by taking certain courses or by demonstrating a minimum level of proficiency through acceptable scores on standardized achievement tests.

Freshmen entering Point Loma from accredited high schools have an aggregate GPA of above 3.750 and an average score of 1160 on the SAT examination.

Admission of Transfer Students

Students seeking admission from accredited colleges and universities must file the following with the Admissions Office:

- a formal application for admission;
- two recommendations;
- official SAT and/or ACT score reports and a high school transcript (for students with less than 36 completed semester units at application);
- official transcripts of all post-secondary course work; and
- a formal interview (recommended).

Students from accredited colleges and universities may be considered for admission provided a GPA of 2.000 has been maintained in all previous course work. Transfer applicants who have met all priority deadlines will receive notification between early February and mid-April. The university has developed

articulation agreements with a number of community colleges. Transcripts submitted from non-accredited institutions are evaluated on an individual basis. Transcripts from universities outside the United States must be evaluated for the student by an independent evaluation service approved by Point Loma. Transfer students who do not have all official transcripts on file with the Admissions Office before initial registration may be admitted but will not be allowed to register for the following semester until all transcripts are on file. Issues related to proper placement are addressed below under "Placement."

Students from community colleges may transfer in a maximum of 70 applicable units toward the baccalaureate degree at Point Loma. All courses taken at a community college transfer as lower-division units only.

Admission of International Students

Point Loma Nazarene University welcomes students from all over the world. Students for whom English is not the native language must demonstrate English language proficiency by taking the Test of English as a Foreign Language (TOEFL), available through the Educational Testing Service, Box 955, Princeton, New Jersey 08540. A score of 550 on the paper-based TOEFL is required, or 216 on the computer-based exam, or 80 for the TOEFL Internet Based Test (iBT). International students seeking admission to the university must file the following documents with the Admissions Office:

- a formal application for admission;
- two recommendations;
- official transcripts (high school or university) ;
- SAT/ACT scores or official TOEFL scores (for non-native speakers);
- an affidavit of support;
- a report from a transcript evaluation service; and
- a formal interview is strongly recommended.

It is the responsibility of students who submit transfer courses from a university outside the United States to have transcripts evaluated by an approved evaluation service. Students should contact the Admissions Office or the Records Office for evaluation applications from various services or contact those agencies directly, at www.ece.org or www.wes.org.

Readmission to the University

Students who leave the university must apply for readmission through the Office of Admissions, meeting calendar deadlines and making deposits as required. Students whose continuous enrollment is not interrupted by more than two consecutive semesters may remain under their declared applicable *Catalog*. Those who are readmitted after three or more semesters of non-attendance return under the *Catalog* in effect at the time of readmission.

- Special Features
- Study Abroad Programs
- Credit from Other Sources
- Majors and Minors

SPECIAL FEATURES

Entrance and Placement Examinations

All applicants for admission to the university are required to take either the ACT Assessment of the American College Testing Program (ACT) or the Scholastic Assessment Tests (SAT) of the College Board. These tests are administered at high schools and university test centers throughout the United States. The scores earned are used for placement in certain courses. The Point Loma Nazarene University SAT testing code is 4605; the ACT code is 0370. Entering students who have not taken the entrance examination are required to meet this requirement after arrival.

First-Year Experience (FYE)

Educating the Student...Developing the Student... Serving the Student. This is the focus of Point Loma Nazarene University's First-Year Experience (FYE) program. FYE includes academic and personal development activities and services that strive to be as seamless as possible. The goal of Point Loma's FYE is to support and facilitate the transition to university life as students learn how to take responsibility in seeking to develop skills to meet the challenges of higher education, self-awareness and understanding of others, the enjoyment of a wide variety of services, and setting the course to enter into the community of faithful learners.

New Student Orientation (NSO)

An important component of the First-Year Experience at Point Loma Nazarene University is a program known as New Student Orientation (NSO). An intensive orientation to all aspects of student life at the university, NSO welcomes students and families to the main campus for a three-day series of events that focus on issues such as academic life, residential life, adjustment to the challenges of a university education, financing one's education, and enjoyable social events. The NSO experience is the culmination of mailings and Web site offerings prepared and administered by a cross-section of the university community, including staff, faculty, and student leaders. NSO is offered both in August and in January.

Learning Experiences for Academic Progress (LEAP)

Learning Experiences for Academic Progress (LEAP) provides freshmen with a year of selected activities, structured academic programming, and on-campus support services in order to increase academic success, retention, and degree attainment. The LEAP experience is designed to assist students with the transition from high school into a four-year, residential environment by providing a network of educational, personal, social, and spiritual support for one academic year. Faculty members, along with professionals from Academic Advising, Engagement and Retention, and Residential Life, serve as advocates and facilitators to encourage students to achieve their educational goals. The program places a significant emphasis on the university-level writing and reasoning skills necessary to promote student learning. In both fall and spring semesters, students take a maximum of 13 units and receive tutorial services. The year-long Freshman Studies Seminar (FST 100, FST 101) focuses on study skills, motivational issues, and the institutional and personal resources that can contribute to academic success. In addition to curricular programming and academic enrichment, purposeful and holistic co-curricular opportunities are incorporated into LEAP.

Freshman Seminar (Psychology 101)

Typical of many institutions of quality, Point Loma Nazarene University offers a freshman seminar required of all first-time freshmen in their first year of study. Presented in a unique combination of colloquium, lecture, and small-group laboratory experience, the seminar is designed to assist the student in understanding Point Loma Nazarene University as an academic, religious, and social culture. The semester-long experience features guest speaker, films, panels, and a variety of settings in which theories and issues in psychology are related to the student's own level of need to develop mentally, spiritually, and socially.

Integrated Semester for Freshmen (ISF)

A learning community experience, PLNU's Integrated Semester for Freshmen (ISF) is a one-semester fall program of five classes and sixteen units open to 48 first-year students. Professors from several departments plan together for thematic studies and discussions that provide a unique synergism for cross-disciplinary learning. Other emphases of the program include writing across the curriculum, the development of a dynamic, close-knit learning community, and achieving an academically successful first semester. All courses in this program fulfill undergraduate graduation requirements in general education. An activity fee covers costs of special activities including a mid-week retreat and a cultural event.

Course Challenge Programs

Students may use a variety of vehicles for meeting graduation requirements other than in the traditional classroom. These include the Advanced Placement (AP) program sponsored by the College Entrance Examination Board, approved on-line courses, the College Level Examination Program (CLEP), and the International Baccalaureate (IB) program. (See also Transfer Credit.)

ADVANCED PLACEMENT PROGRAM (AP)

Entering students who have satisfactory scores on AP examinations may receive credit in applicable areas of the curriculum. A score of four or five receives six units of credit where appropriate; a score of three receives three units. Credits awarded through the AP program are subject to the transcripting fee.

INTERNATIONAL BACCALAUREATE (IB)

Point Loma recognizes the International Baccalaureate (IB) program and awards advanced standing for Higher Level courses completed with a score of five or above. Official IB transcripts must be sent to the Office of Records for consideration. Credits awarded through the IB program are accepted as university credits and are not subject to the transcripting fee. For complete information, students should contact the Office of Records.

COLLEGE LEVEL EXAMINATION PROGRAM (CLEP)

Students may earn up to 32 semester units of credit by demonstrating proficiency in Subject Examinations related to graduation requirements. Credit is awarded as recommended by the College Board, with some restrictions to certain majors and general education. Credits are awarded only after the student has earned twelve units in residence with a minimum GPA of 2.000. The university charges a per-unit fee for transcripting course challenge credits in CLEP.

Study Abroad Opportunities

The Study Abroad office creates and provides programs that directly serve the mission of the university, primarily at international sites. Specifically, these study abroad programs provide students with the opportunity to expand their understanding of global and societal issues through direct study in a culture distinct from their own. Participation in these programs amplifies and extends the "teaching, shaping, and sending" emphasis of the university mission by helping students encounter and understand changes confronting our world in the context of global community and world citizenship.

Point Loma Nazarene University cooperates in selected academic programs abroad and encourages students to consider such an experience. These programs directly support the university's core values of providing a global perspective and experience, and the appreciation of ethnic and cultural diversity. Students applying to study abroad enroll in these programs by registering with the Study Abroad office. All students must determine, in advance, with their faculty advisors and the director of Study Abroad, how courses taken through these programs will be applied to their specific graduation requirements. Furthermore, students must consider the implications of study abroad on university-funded scholarships. Additional information and application materials may be obtained on-line at www.pointloma.edu/studyabroad. Students may also e-mail the office at studyabroad@pointloma.edu, or contact the office by telephone at 619-849-2783. Students who are on academic probation, or those who are not cleared by the Office of the Dean of Students, are not eligible to participate in Study Abroad programs.

Programs designated with [CCCU] are sponsored by the Council for Christian Colleges and Universities.

STUDY ABROAD PROGRAMS

In support of its core values regarding developing a global perspective and promoting ethnic and cultural diversity, Point Loma Nazarene University actively encourages all students to spend a full semester studying outside the United States or with a designated domestic program. In an ever-expanding global community, the university recognizes the value of providing for students the opportunity to live and learn in another culture. Such an experience allows students to expand their understanding of other cultural settings as well as reflect upon their own country and culture.

Point Loma Nazarene University cooperates in selected academic programs abroad and encourages students to consider such an experience. These programs directly support the university's core values of providing a global perspective and experience, and the appreciation of ethnic and cultural diversity. Students applying to study abroad enroll in these programs by registering with the Study Abroad office. All students must determine, in advance, with their faculty advisors and the director of Study Abroad, how courses taken through these programs will be applied to their specific graduation requirements. Furthermore, students must consider the implications of study abroad on university-funded scholarships. Additional information and application materials may be obtained on-line at www.pointloma.edu/studyabroad. Students may also e-mail the office at studyabroad@pointloma.edu, or contact the office by telephone at 619-849-2783. Students who are on academic probation, or those who are not cleared by the Dean of Students, are not eligible to participate in Study Abroad programs.

Programs designated with [CCCU] are sponsored by the Council for Christian Colleges and Universities.

OCP 000 (12-17) OFF-CAMPUS PROGRAM

Students taking courses through a cooperative agreement with another credit granting institution register for this course.

OCP 210 (6) LATIN AMERICAN STUDIES PROGRAM

Located in San Jose, Costa Rica, the program gives students the opportunity to study the language, culture, politics, history, economics, ecology, and religion of the region while living with a Costa Rican family. Students also participate in a service opportunity and travel for two weeks to surrounding countries. Three specialized academic concentrations, International Business and Management, Tropical Sciences and Sustainability, and Language/Literature are available to qualified students. [CCCU]

OCP 220 (6) MIDDLE EAST STUDIES PROGRAM

The Middle East Studies Program (MESP) in Cairo, Egypt provides students with the opportunity to study Middle Eastern cultures, religions, and conflicts from within this diverse and strategic region. Juniors and seniors participate in interdisciplinary seminar classes, receive Arabic language instruction and serve as interns with various organizations in Cairo. The MESP encourages and equips students to relate to the Muslim world in an informed and constructive manner. [CCCU]

OCP 230 (6) RUSSIAN STUDIES PROGRAM

The Russian Studies Program enables juniors and seniors from Christian colleges to spend a semester living and learning in Russia. Students study the Russian language and attend seminar courses on Russian culture, history and current political and economic issues. Program participants experience a variety of Russian environments, living for twelve weeks in Nizhni Novgorod and visiting both Moscow and St. Petersburg. The semester includes the opportunity to participate in a service project and to live with Russian families for a portion of their stay. [CCCU]

OCP 245 (6) CHINA STUDIES PROGRAM

The China Studies Program is interdisciplinary and has been designed primarily for juniors and seniors. Participants are able to view China from the inside and to experience its culture and its diversities. Courses include: Basic Conversational Chinese, Chinese History and Culture, Contemporary Chinese Society, Economic Development and Reform Policies, and Politics and Foreign Affairs of China. [CCCU]

OCP 290 (1-8) INSTITUTE FOR FAMILY STUDIES

The Institute for Family Studies is offered through Focus on the Family. It is a 15-week program (up to 16 semester units of credit) offered in Colorado Springs, Colorado, for students wishing to study the pressing issues facing the family from a Christian world-view perspective.

OCP 299 (1-16) SPECIAL OFF-CAMPUS STUDIES

Studying at the lower-division level in an approved program at an off-campus setting. All such programs must have the endorsement of the Academic Policies Committee.

OCP 300/400 (4-8) AU SABLE ENVIRONMENTAL FIELD STUDIES PROGRAM

Biology majors and other interested students may take advantage of unique, environmentally-oriented field courses offered through the Au Sable Institute of Environmental Studies, a Christian organization offering course work and field experiences in the context of Christian environmental stewardship. Courses are offered during two 5-week sessions in the summer at three North American campuses (Great Lakes, Pacific Rim, Florida) and two international venues (India, Kenya). Courses offered include field botany,

animal ecology, mammalogy, ornithology, marine biology, conservation ecology, and ecology of various ecosystems (forest, fresh water, alpine, tropical).

OCP 305 (1-16) AMERICAN STUDIES PROGRAM

Students spend a semester in Washington, D.C., earning academic credit by serving as interns and participating in a contemporary, issue-oriented seminar program. Internships are available in congressional offices, social service agencies, think tanks, cultural institutions and many other organizations. The program is designed for juniors and seniors with a wide range of academic majors and vocational interests. [CCCU]

OCP 310 (10) LATIN AMERICAN STUDIES PROGRAM

See OCP 210 for description.

OCP 315 (1-16) LOS ANGELES FILM STUDIES CENTER

This program enables students to serve in various aspects of the film industry with professional skill and Christian integrity. Located in Burbank, California, near major production studios, the semester-long program combines seminar course work with internships in various segments of the film industry, providing the opportunity to explore the industry within a Christian context and from a liberal arts perspective. [CCCU]

OCP 320 (10) MIDDLE EAST STUDIES PROGRAM

See OCP 220 for description.

OCP 330 (10) RUSSIAN STUDIES PROGRAM

See OCP 230 for description.

OCP 335 (12-16) OXFORD HONORS PROGRAM

Students spend a semester in England studying in a rigorous academic program, aimed at increasing critical thinking skills and scholarship from an integrated Christian perspective. Participants choose from a wide variety of tutorial study programs in numerous disciplines, including the arts, religion, history, literature, and philosophy. In addition to two Oxford tutorials, students participate in a seminar and an integrative course through which they produce a scholarly project or term paper. Field trips provide opportunities for experiential learning in England's rich historical setting. [CCCU]

OCP 340 (1-16) UGANDA STUDIES PROGRAM

The Uganda Studies Program (USP) is designed to integrate the study of culture, history, religion, politics and humanities into a blended classroom and experiential survey of Ugandan life. It is comprised of an experiential course (designed especially for USP students), two of three African core courses and electives. All of the courses are taught and housed at Uganda Christian University. [CCCU]

OCP 345 (10) CHINA STUDIES PROGRAM

See OCP 245 for description.

OCP 350 (1-16) WASHINGTON SEMESTER PROGRAM

This American University program provides course work and internship opportunities in national politics, foreign policy, economic policy and justice, and a number of other fields. Students live and study on the campus of the American University.

OCP 355 (1-16) WASHINGTON JOURNALISM CENTER

The Washington Journalism Center is an advanced experiential semester on Capitol Hill that will cultivate professional news skills and encourage students to think through the implications of being a Christian working in the news media in a city that is home to the powerful and the powerless. [CCCU]

OCP 360 (1-12) SACRAMENTO SEMESTER PROGRAM

This program is housed at California State University, Sacramento. It provides course work and internship opportunities for students interested in state politics.

OCP 370 (1-16) UNITED NATIONS SEMESTER

The United Nations Semester is offered through Drew University. Participating students attend official meetings, seminars and do research at the United Nations while taking international organization classes at Drew.

OCP 380 (1-16) WORLD CAPITALS PROGRAM

This American University program provides course work and internship opportunities at several national capitals around the world. These study-abroad programs allow students to study languages, government policies and cultures of the host nation.

OCP 385 (6) PLNU AND INSTEP CAMBRIDGE SUMMER STUDY ABROAD PROGRAM

PLNU and the Institute of Economic and Political Studies (INSTEP) offer a summer study-abroad program in Cambridge, England. Students spend six weeks concentrating on coursework designed for those with interests in international relations, political economy, economics and international business. Students choose two three-unit courses from five offerings, all taught by senior INSTEP academics.

OCP 390 (1-12) INSTITUTE FOR FAMILY STUDIES

See OCP 290 for description.

OCP 399 (1-16) SPECIAL OFF-CAMPUS STUDIES

Study at the upper-division level in an approved program at an off-campus setting. All such programs must have the endorsement of the Academic Policies Committee.

CREDIT FROM OTHER SOURCES

Sources of Credit	Yes	No	Credit Requirement Accepted	Minimum/Maximum Credit	Comment
1. Advanced Placement Examinations (AP)	•		Score of 3, 4, or 5	None	Credit only in applicable areas of the curriculum.
2. College-Level Examination Program (CLEP) General Examinations and Freshman Composition.		•			Only subject exams are accepted.
3. College-Level Examination Program (CLEP) Subject Examinations	•				Some restrictions in specific majors. See Records Office.
4. International Baccalaureate (IB)	•		Score of 5 or higher		Higher level only.
5. NLN - National League for Nursing Mobility Profile	•				Granted upon the recommendation of the Department of Nursing.
6. Excelsior College Examinations #554(Licensed Vocational Nurse)	•		Minimum of "B" or better	8 units	Granted only upon the recommendation of the School of Nursing.
7. Credit recommendations of the ACE Guide to the Evaluation of Educational Experience in Armed Services a. Military services b. Approved Academic Service Schools		•			PLNU does not recognize these credits.
8. Military Discharge Document (DD214) or active military identification card	•		Approved military activities (yrs, boot camp, etc.)		Waives PED 100, and physical activity requirement.
9. Units by non-traditional delivery systems	•				See "Academic Regulations."
10. Bible Colleges not accredited by Western Association of Schools and Colleges or a comparable regional accrediting association	•				Limited credit accepted, reviewed after student attends PLNU for a semester.
11. Non-U.S. college and university transcripts	•				Transcripts must first be submitted by the student to ECE, ACEI or WES for evaluation.
12. Reserve Officer Training Corps (ROTC)	•				In cooperation with SDSU and USD. See Records Office for articulation agreements.
13. Accredited community college transcripts	•				See Records Office for articulation agreements.
14. Study Abroad	•				See Office of International Studies for PRIOR approval.
15. Continuing Education units		•			Offered only, however, through Professional Studies and Continuing Education. See Records Office.
16. GED	•				In lieu of a high school transcript.

MAJORS AND MINORS

Accounting

Major: Accounting

Concentrations: None

Minor: Accounting

Department/School: Fermanian School of Business

Art and Design

Majors: Art Education, Graphic Design, Visual Arts

Concentrations: Art and Design, Editorial Design, Advertising, Sculpture, Photography, Drawing/Painting/Printmaking

Minor: Art

Department/School: Art and Design

Athletic Training

Major: Athletic Training

Concentrations: None

Minors: None

Department/School: Kinesiology

Bible

Major: Biblical Studies

Concentrations: None

Minors: None

Department/School: School of Theology and Christian Ministry

Biology

Majors: Biology, Biology-Chemistry, Environmental Science

Concentrations: None

Minors: Cell and Molecular Biology, Environmental Biology, Organismal Biology

Department/School: Biology

Business

Majors: Business Administration, Industrial-Organizational Psychology, International Development Studies

Concentrations: Marketing, Entrepreneurial/Finance, Management, International Business

Minors: Business Administration, International Development Studies, Nonprofit Organization Management, Public Relations (Interdepartmental)

Department/School: Fermanian School of Business

Chemistry

Majors: Chemistry, Biology-Chemistry, Environmental Science

Concentrations: None

Minors: None

Department/School: Chemistry

Child Development

Major: Child and Adolescent Development

Concentrations: None

Minor: Child Development

Department/School: Family and Consumer Sciences

Children's Ministry

Major: None

Concentrations: None

Minor: Children's Ministry

Department/School: School of Theology and Christian Ministry

Church Music

Majors: Music, Music and Ministry

Concentrations: Performance-Instrumental, Performance-Vocal, Church Music, Music Education, Theory and Composition

Minor: Music

Department/School: Music

Communication

Majors: Broadcast Journalism, Communication, Managerial and Organizational, Communication, Media Communication, Theatre

Concentrations: Societal Communication, Public Address, Multimedia, Performance, Production, Film Studies

Minors: Communication, Media Communication, Public Relations (Interdepartmental), Theatre

Department/School: Communication and Theatre

Computer Science

Majors: Computer Science, Information Systems

Concentrations: Applied Computer Science, Scientific Programming

Minors: Computer Science, Information Systems

Department/School: Mathematical, Information, and Computer Sciences

Consumer Sciences

Major: Consumer and Environmental Sciences

Concentrations: Family and Consumer Sciences

Minors: None

Department/School: Family and Consumer Sciences

Criminal Justice

Major: Sociology

Concentrations: Criminal Justice

Minor: Criminal Justice

Department/School: Sociology and Social Work

Dietetics

Major: Dietetics

Concentrations: None

Minor: Nutrition

Department/School: Family and Consumer Sciences

Development (Economic)

Major: International Development Studies

Concentrations: None

Minor: International Development Studies

Department/School: Fermanian School of Business

Economics

Major: International Development Studies

Concentrations: None

Minor: International Development Studies

Department/School: Fermanian School of Business

Education

Majors: Child and Adolescent Development, Liberal Studies (multiple-subject teaching credential) and other single-subject teaching credential areas such as Biology, Chemistry, Mathematics, Literature, Social Science, Physical Education, Family and Consumer Sciences.

Concentrations: Refer to departments and schools

Minors: Refer to departments and schools

Department/School: School of Education, Family and Consumer Sciences, discipline-specific departments and schools

Engineering

Major: Engineering Physics

Concentrations: None

Minors: None

Department/School: Physics and Engineering

Environmental Studies

Major: Environmental Science

Concentrations: None

Minors: None

Department/School: Biology and Chemistry

Exercise Science

Major: Exercise Science

Concentrations: Pre-Physical Therapy and Allied Health Program

Minors: None

Department/School: Kinesiology

Family and Consumer

Majors: Family and Consumer Sciences, Nutrition and Food, Child and Adolescent Development, Dietetics, Fashion and Interiors

Concentrations: Fashion Merchandising, Interior Design, Food Services Management, Nutrition and Health

Minors: Child Development, Nutrition

Department/School: Family and Consumer Sciences

Fashion

Major: Fashion and Interiors

Concentration: Fashion Merchandising, Interior Design

Minors: None

Department/School: Family and Consumer Sciences

Food/Nutrition

Major: Nutrition and Food

Concentration: Food Service Management, Nutrition and Health

Minors: Nutrition

Department/School: Family and Consumer Sciences

Foreign Languages

Major: Romance Languages, Spanish

Concentrations: None

Minors: French, Spanish

Department/School: Literature, Journalism, and Modern Languages

Graphic Communications

Major: Graphic Communications

Concentrations: None

Minors: None

Department/School: Art and Design

History

Major: History

Concentrations: Peace Studies, Geographic Region (Asia, Africa, Europe, Latin America, Middle East, Russia, and the former Soviet Union)

Minor: History

Department/School: History and Political Science

Information Systems

Major: Information Systems

Concentrations: None

Minor: Information Systems

Department/School: Mathematical, Information, and Computer Sciences

Interior Design

Major: Fashion and Interiors

Concentration: Interior Design

Minors: None

Department/School: Family and Consumer Sciences

International Studies

Major: International Studies

Concentrations: Peace Studies, Geographic Region (Asia, Africa, Europe, Latin America, Middle East, Russia, and the former Soviet Union)

Minors: None

Department/School: History and Political Science

Journalism

Majors: Broadcast Journalism, Journalism, Writing

Concentrations: None

Minor: Journalism with a Minor in Spanish, Writing, Public Relations (Interdepartmental)

Department/School: Literature, Journalism, and Modern Languages

Kinesiology

Majors: Athletic Training, Exercise Science, Physical Education

Concentrations: Pre-Physical Therapy and Allied Health Program

Minors: Athletic Coaching

Department/School: Kinesiology

Literature

Major: Literature

Concentrations: Literature, English Education

Minor: American Literature, British Literature, World Literature

Department/School: Literature, Journalism, and Modern Languages

Management

Major: Business Administration, Industrial-Organizational Psychology

Concentration: Management

Minor: Nonprofit Organization Management

Department/School: Fermanian School of Business

Marketing

Majors: Business Administration

Concentration: Marketing

Minors: None

Department/School: Fermanian School of Business

Mathematics

Major: Mathematics

Concentrations: None

Minor: Mathematics

Department/School: Mathematical, Information, and Computer Sciences

Media

Major: Media Communication

Concentrations: None

Minor: Media Communication

Department/School: Communication and Theatre

Ministry

Majors: Biblical Studies, Christian Ministry

Concentration: Youth Ministry

Minors: Children's Ministry, Youth Ministry

Department/School: School of Theology and Christian Ministry

Music

Majors: Music, Music and Ministry, Music Education Composition, Vocal Performance, Instrumental Performance, Piano Performance

Concentration: Music and Ministry

Minor: Music

Department/School: Music

Nursing

Major: Nursing

Concentrations: None

Minors: None

Department/School: School of Nursing

Nutrition and Health

Majors: Nutrition and Food, Dietetics

Concentrations: Food Service Management, Nutrition and Health
Minor: Nutrition
Department/School: Family and Consumer Sciences

Philosophy

Majors: Philosophy, Philosophy and Theology
Concentrations: None
Minor: Philosophy
Department/School: School of Theology and Christian Ministry

Physical Education

Majors: Physical Education, Exercise Science, Athletic Training
Concentrations: Pre-physical Therapy, Allied Health Program
Minors: Athletic Coaching
Department/School: Kinesiology

Physics

Major: Physics
Concentrations: None
Minor: Physics
Department/School: Physics and Engineering

Political Science

Major: Political Science
Concentrations: None
Minors: None
Department/School: History and Political Science

Psychology

Major: Psychology
Concentrations: General Psychology, Therapeutic and Community Psychology
Minor: Pre-Therapeutic Psychology
Department/School: Psychology

Romance Languages

Major: Romance Languages
Concentrations: None
Minors: French
Department/School: Literature, Journalism, and Modern Languages

Social Science

Major: Social Science
Concentrations: None
Minors: None
Department/School: History and Political Science

Social Services

Majors: Family and Consumer Sciences, Psychology, Social Work, Sociology
Concentrations: None
Minors: None
Department/School: Family and Consumer Sciences, Psychology, Sociology and Social Work

Social Work

Major: Social Work
Concentrations: None
Minors: None
Department/School: Sociology and Social Work

Sociology

Major: Sociology
Concentrations: Criminal Justice, General Sociology
Minors: Sociology, Criminal Justice
Department/School: Sociology and Social Work

Spanish

Major: Spanish

Concentrations: None

Minor: Spanish

Department/School: Literature, Journalism, and Modern Languages

Speech

Major: Communication

Concentration: Public Address

Minor: Communication

Department/School: Communication and Theatre

Teaching

Majors: Liberal Studies (Multiple Subject) or approved major (Single Subject), Child and Adolescent Development

Concentrations: Child Development, Multiple Subject Teaching Credential, Single Subject Teaching Credential

Minors: None

Department/School: School of Education, Family and Consumer Sciences, discipline-specific departments

Theatre

Major: Theatre

Concentrations: None

Minor: Theatre

Department/School: Communication and Theatre

Theology

Major: Philosophy and Theology

Concentrations: None

Minors: None

Department/School: School of Theology and Christian Ministry

Women's Studies

Major: None

Concentrations: None

Minors: Women's Studies

Department/School: Women's Studies Center

Writing

Majors: Writing, Journalism, Broadcast Journalism

Concentrations: None

Minors: Writing, Public Relations (Interdepartmental)

Department/School: Literature, Journalism, and Modern Languages

Youth Ministry

Major: None

Concentrations: See Christian Ministry major

Minor: Youth Ministry

Department/School: School of Theology and Christian Ministry

TUITION AND FEES

This *Catalog* section contains information on costs and how to take advantage of payment options and financial assistance through the Student Financial Services Office. Students and parents are urged to read the following pages with care. Students are responsible for being aware of, and complying with, the information in this section.

- Tuition
- General Fees
- Special Fees (Non Refundable)
- Summer Graduation Fee (Refundable)
- Music Fees
- Residence Fees
- Approximate Annual Costs (New and Readmitted Students)
- Payment Info
- Refund Policies
- Miscellaneous Financial Regulations

Tuition

TUITION BLOCK (12-17 semester units)	\$12,290
<i>Less than 12 units (per unit)</i>	\$1,024
<i>Units in excess of 17 units (per unit)</i>	\$819
2009 SUMMER SESSIONS TUITION (per unit)	\$785



General Fees

General fee (per semester) (Refundable) \$270

This fee assists in covering the cost of student activities, Nicholson Commons operations, and university technology development. (Undergraduate students taking less than 12 units in a semester are charged \$22.50 per unit.)

University Deposit (at application) \$425

HEALTH AND ACCIDENT INSURANCE (NON-REFUNDABLE AFTER FOURTH WEEK OF EACH SEMESTER)
Health and Accident Insurance is required of all undergraduate students. The fee for the PLNU student insurance is charged automatically each semester, but may be waived provided the student completes the on-line insurance waiver process (via the Student Access web page) not later than the fourth week of each semester. The fee for 2008-2009 is \$320 per semester. Students wishing to obtain coverage for their dependents may obtain insurance by applying in the Wellness Center during the first four weeks of the semester.



Special Fees (Non-Refundable)

Laboratory and course fees	\$30 to 200
Writing tutorial laboratory fee	\$150
Student teaching fee (per unit)	\$75
Late payment fee: 5% of payment due, minimum charge	\$25
Special examination fee	\$15 to 30
Credit by Examination CLEP (per unit)	\$60
Graduation fee (undergraduate)	\$100
Educational Placement file fee	\$50
Undergraduate Matriculation fee	\$50

Summer Graduation Fee (Refundable)

Application for Summer Graduation Fee	\$500
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Music Fees (Refundable)

Students enrolled in private music lessons are charged the following fees in addition to the charge for unit(s) of tuition. Students receive 15 lessons per semester.

PRIVATE LESSONS

One half-hour lesson per week (one unit) \$330

One hour lesson per week (two units) \$660

PRACTICE ROOMS

Students enrolled in private or class lessons in voice or instrument(s) are charged for the use of a practice room in the Cooper Music Center.

PRACTICE ROOM PER SEMESTER

One half-hour a day \$22

One hour a day \$44



Residence Fees

ROOM AND BOARD (PER SEMESTER)

ROOM AND:	SHARED ROOM	PRIVATE ROOM*
19 meals/week	\$4,085	\$5,210
15 meals/week	\$3,935	\$5,060
10 meals/week	\$3,640	\$4,765
15 meals/week + \$150 Point Break credit	\$4,085	\$5,210
12 meals/week + \$100 Point Break credit	\$3,935	\$5,060
8 meals/week + \$100 Point Break credit	\$3,640	\$4,765

* when available

Students desiring to live in residential housing must pay a two hundred dollar (\$200) deposit in order to reserve a room. This deposit may be refunded (after a 30-day waiting period) if they notify the university at least 60 days before the start of the semester that they are withdrawing or moving off-campus. There is also a \$12 charge per semester for a residence hall fund. A limited number of apartments for married students is also available on campus. Students may contact the Office of Student Development for additional information.

All unmarried students living in residential housing who are under 23 years of age are required to board at the Nicholson Commons Dining Room under one of the meal plans listed above. Students who do not formally choose a meal plan are charged for the 15 meals/week plan. Students are permitted to change meal plans during the first two weeks of the semester only. Commuter students may purchase a meal card at the cashier's window in Draper Hall. The Nicholson Dining Room is closed during the interim period between the fall and spring semesters and during Spring Break.



Approximate Annual Costs (New and Readmitted Students)

	PER SEMESTER	TWO SEMESTERS/ 1 YEAR
Tuition (12-17 units)	\$12,290	\$24,580
Room and Board †	3,935	7,870
General Fee	270	540
Total Approximate Costs	\$16,495	\$32,990

† Shared room, 15 meals/week

Note: These figures do not include costs for books, supplies, health insurance, special fees, or personal expenses.

Payment Information

Tuition, room, board, and fees are due and payable by the deadlines shown below. For the convenience of students and parents wishing to pay expenses in installments, a monthly payment plan is offered. (See option 2 below.)

A Statement of Account, which contains the class schedule as well as the semester charges and financial aid, is sent to all students prior to the payment deadline each semester. The Statement of Account also serves as the invoice from which payment should be made. In addition, a monthly statement is sent to the student (or to another individual specified by the student) that reflects all activity on the account. Payment options and deadlines are:

OPTION 1: FULL PAYMENT OF THE NET BALANCE (TOTAL CHARGES MINUS FINANCIAL AID) BY THE FOLLOWING DATES:

Fall 2008 semester	August 4, 2008
Spring 2009 semester	January 5, 2009

OPTION 2: PAY THE NET BALANCE IN MONTHLY PAYMENTS.

For one or both semesters using the Monthly Pay Option administered by Tuition Management Systems (TMS). This affordable, interest-free alternative to lump-sum payments allows families to establish a semester and an annual budget amount to make payments in monthly installments. For more information, or to enroll, students should call TMS at (800) 722-4867, or visit their Web site at www.afford.com.

OPTION 3: PAY THE NET BALANCE WITH A PLUS LOAN.

The PLUS Loan is a low-interest federal loan for parents. Parents who wish to apply do not have to demonstrate financial need but must meet certain credit criteria. PLUS loans are repayable over a ten-year period and have an interest rate of 8.5 percent. To apply for a PLUS loan, parents should complete an on-line loan application at www.pointloma.edu/financialaid/loans.

OPTION 4: PAY THE NET BALANCE WITH AN ALTERNATIVE LOAN.

An alternative loan is based on the student's credit, and the interest rates vary. Apply for an alternative loan at www.pointloma.edu/financialaid/loans.

OPTION 5: DO A COMBINATION PLAN.

A combination of options 2 and 3 allows families to budget as much as possible from current income and savings, using the Monthly Pay Option, then borrow whatever remaining balance the family has using the PLUS loan. By reducing the borrowed amount, families can save thousands of dollars in interest costs.

All charges must be paid each semester according to the established deadlines. Failure to make timely payment or to make other arrangements acceptable to the Student Financial Services Office may result in students being de-enrolled. Students are not permitted to register if they have a past-due balance.

Refund Policies

FEES

Non-refundable (see above for exceptions)

RESIDENCE HALL FEES

Refundable according to the tuition refund schedule except for the first two weeks of the semester during which there is a charge of \$20 per night. The housing deposit may be refunded (after a 30-day waiting period) to students who withdraw after the eighth week of the semester, provided all accounts have been paid in full.

MEALS

Prorated as of the date the withdrawal is received in the Office of Records.

TUITION

Refunds are computed during regular semesters at the following percentages upon filing a properly executed change of schedule or withdrawal with the Office of Records.

First Two Weeks of Semester	100%
Third Week	75%
Fourth Week	50%

Students are not entitled to any tuition refund after the end of the business day on Friday of the eighth week of a regular semester. Specific refund dates are published in the *Alert* (the university's student newsletter). Students receiving federal financial aid who withdraw during the first ten weeks of the semester lose eligibility for all or part of their loans and grants, in accordance with federal regulations. For additional information, students should contact the Student Financial Services Office.



Miscellaneous Financial Regulations

Students are responsible for handling all financial matters related to their attendance at the university. FERPA, the federal "Privacy Act," prohibits sending statements to parents or guardians of students 18 years of age or older without written permission of the student.

Students are charged for the full semester for all courses or private lessons for which they are registered, unless a "Change of Schedule" form is secured from the Office of Records, completed with proper signatures, and filed with the Office of Records. Any refunds or adjustments of student accounts arising from changes in class schedules are made as of the date on which the change of schedule form is filed at the Office of Records. Changes in arrangements for meals are made when requests or arrangements are completed at the Student Financial Services Office (this is true regardless of the date on which the student may have ceased attending classes or taking private lessons, or may have changed plans for meals).

At the time a student leaves the university, all accounts must be paid in full. The housing deposit and refunds, if any, will be applied to any charges due. Any unpaid balance will accrue interest at 10 percent per annum. In addition, Point Loma Nazarene University may report unpaid accounts to a national credit bureau. The student is responsible for paying all collection costs, including attorney fees and court costs as adjudged reasonable, in the event a suit must be instituted.

Note: Transcripts and diplomas may not be released, nor will a student be permitted to participate in the annual commencement ceremony, until all accounts are paid.

Operational costs are sometimes affected by factors over which the university has no control. Therefore, the charges and financial aid policies quoted in the *Catalog* are subject to change without notice.



FINANCIAL AID

Financial Aid at Point Loma

The financial assistance program at Point Loma Nazarene University includes federal grants and loans, state grants, PLNU institutional aid, and external aid, including scholarships and grants awarded by corporations, civic organizations, and churches. Financial assistance is intended to recognize and assist students who otherwise would be unable to attend the university.

The university recognizes that the primary responsibility for paying expenses rests with the student and parents or spouse, who are expected to contribute in proportion to their resources. Any financial assistance awarded by the university is intended to help bridge the gap between the student's expected family contribution and the cost of attending PLNU.

Financial assistance is usually awarded to students based on need. The student's financial need and eligibility for various programs and the family's ability to pay are determined by analyzing the information submitted on the Free Application for Federal Student Aid (FAFSA). Various federal and state regulations, institutional policies, and funding-level limitations may affect the types and amounts of financial assistance that a student may receive from year to year. Additionally, changes in information and circumstances may cause financial assistance awards to be reduced, increased, or eliminated subsequent to the initial determination of these awards.

Students must re-apply each year for financial aid and scholarships by submitting a PLNU Application for Financial Assistance form and a FAFSA.

Billing Calendar

Payment of tuition and fees and on-campus room and board charges is due by the following deadlines:

- Fall 2008 Semester: August 4, 2008
- Spring 2009 Semester: January 5, 2009

Prior to the payment deadline each semester, the enrolled student will be sent a Statement of Account (a comprehensive printout showing class schedule, semester charges, and expected financial aid). Once classes have begun, the Student Financial Services (SFS) office begins sending monthly billing statements showing all activity on the student's account. This information is also available online through "Student Access."

Students will be assessed a 5% late fee if there is an unpaid "net balance" on their account after the semester payment deadline (see above).

Applying for Aid at PLNU

To receive any type of federal, state, or institutional aid at PLNU, the student should submit a PLNU Application for Financial Assistance. Some PLNU institutional aid programs also require submission of a FAFSA (Free Application for Federal Student Aid). Students who file both of these forms by the priority filing date of March 3, 2008, receive priority consideration for the full range of financial aid programs available at PLNU, including those with limited funding:

- Federal Supplemental Educational Opportunity Grant
- Federal Perkins Loan
- Federal Nursing Student Loan (Nursing students only)
- Nazarene Need Grant
- PLNU Need Grant

Students who file either the PLNU Application for Financial Assistance or the FAFSA after March 3, 2008, are considered for the awards listed above only if there are remaining funds available. Students should note that they can submit a PLNU Application for Financial Assistance and a FAFSA throughout the academic year.

Revisions to Financial Aid Awards and Other Policies

OTHER RESOURCES/OVER AWARDS

If a student receives any form of non-PLNU financial assistance, such as outside scholarships or veterans benefits, the SFS office may have to reduce previously awarded financial aid so that funding does not exceed financial need.

Financial Need, Cost of Education, or On-Campus Charges.

Whenever possible, the SFS office will reduce Federal Work-Study and loan amounts before adjusting grant or scholarship assistance.

APPEALS FOR SPECIAL CIRCUMSTANCES

Federal regulations provide the SFS office with discretionary authority to make case-by-case adjustments to student/parent FAFSA data in cases of special circumstances. Special circumstances include:

- Significant reductions to income.
- Unusually high medical or dental expenses (uninsured amounts only).
- Changes to family size or number of family members in college.
- Dependency status appeals.

If a student believes there are special circumstances that should be reviewed, the student must submit a Request for Appeal Form for Special Circumstances (available at the SFS office or online at www.pointloma.edu/financialaid) with supporting documentation.

Satisfactory Academic Progress (SAP)

Federal regulations require that PLNU students adhere to a policy of Satisfactory Academic Progress (SAP) to retain eligibility for federal financial aid (this policy also applies to Cal Grant A and B recipients). The SAP Policy does not apply to any form of Institutional Aid, including Church Scholarship, Matching and District Grants. Recipients of Academic Awards must maintain the renewal eligibility criteria as stated in the PLNU undergraduate *Catalog*.

The policy consists of a qualitative (GPA) and quantitative (unit) standard. Student Financial Services (SFS) conducts SAP review at the end of each academic year.

QUALITATIVE STANDARD (GPA REQUIREMENT)

Students must maintain a minimum cumulative GPA (grade-point average) at the end of each academic year, as follows:

Freshmen (first semester only):	1.800
All other undergraduate students:	2.000
Teaching Credential students:	2.750

QUANTITATIVE STANDARD (TWO PARTS)

1. Minimum Unit Completion

Students must complete at least two-thirds (66.7%) of the units attempted each academic year (rounded down to the nearest whole unit).

Example: if a student were to attempt 30 units during the academic year, the SAP policy would require that student to complete at least 20 units ($30 \times 66.7\% = 20$). If a student were to complete fewer than 20 units they would have failed SAP because of a unit deficiency. This deficiency would equal 20 units minus the number of units that were completed. For example, completion of only 15 of 30 attempted units would result in a deficiency of 5 units (20 minus 15). To regain SAP, a student would have to complete 66.7% of the units attempted the following academic year in addition to the five deficient units.

2. Maximum Unit Completion

Under federal regulations, undergraduate (including teacher credential) and graduate students are eligible to receive federal financial aid for up to 150% of the published length of their academic program.

Since the PLNU Undergraduate program is designed to be completed in four years and 128 units, students will not be eligible for federal financial aid beyond the sixth year of undergraduate study or after attempting 192 units (including transferred coursework).

Financial Aid Probation and Disqualification

Students who have completed fewer than 57 semester units by the end of their second year, and who do not meet the qualitative or quantitative requirements, are placed on financial aid probation for the entirety of the following academic year. If students are placed on financial aid probation, they are still eligible to receive financial aid, but are made aware that they are not meeting the requirements for SAP. Students failing to meet SAP requirements following the probationary year are disqualified from receiving financial aid for the next academic year. Students in this category may file an appeal.

Students with more than 57 semester units who do not meet the qualitative and/or quantitative requirements are automatically disqualified from receiving financial aid for subsequent terms. There is no probationary period. The SFS office notifies such students in writing of their status and indicates whether or not they are eligible to submit an appeal.

Extenuating Circumstances and Appeal Process

If a student is eligible to file an appeal, this must be done within 21 days of being notified of loss of financial aid eligibility. The appeal must include an explanation of the extenuating circumstances that resulted in the student's inability to make SAP, and include supporting documentation, if appropriate. The student's appeal must include a plan from the Academic Advising Office that shows intent to make up the unit deficiency or raise the GPA. The SAP Committee will review all appeals and respond in writing. The Committee's decision is final. A student may appeal only once throughout enrollment at PLNU.

Reinstatement

A student's eligibility for financial aid may be reinstated if they make up their unit deficiency or raise their GPA. The student, however, cannot receive federal or state financial aid retroactively for periods in which they failed to maintain SAP.

SAP Definitions

Academic Year – an academic year is considered 30 continuous weeks of instruction.

Attempted Units – the cumulative number of units on a student's academic transcript at the end of the semester. Attempted units include course repetitions and courses for which the student received a letter grade of F, I, IP, NC, W, or WF. Attempted units do not include remedial courses (099).

Completed Units – the cumulative number of units on a student's academic transcript for which they earned a grade of A, B, C, or D. An incomplete course "I" counts as a grade of "F" in determining SAP. In order to clear SAP and receive financial aid, the incomplete course must be completed by the end of the next regular semester (refer to "Academic Policies" in the PLNU undergraduate *Catalog*). Once completed, the student will be able to receive financial aid retroactively for that semester. Completed units do not include remedial courses (099).

Study Abroad Units – units completed in a Study Abroad program count toward the number attempted and completed units, but not toward the student's PLNU cumulative GPA. PLNU must receive transcripts from the host school upon completion of the term.

Transferable Units – evaluated units that PLNU accepts for transfer from another institution based on content approval.

Refund Policies

If a student withdraws from PLNU, federal, state and PLNU institutional aid awards may be refunded to their sources according to federal policy. Refer to the PLNU undergraduate *Catalog* for information on the university's institutional withdrawal policy. Under federal regulations, if the student withdraws at any point prior to completing 60% of the semester, the student will lose eligibility for all or part of your federal aid.

Resident halls fees are refundable according to the tuition refund schedule (below) except for the first two weeks of the semester, during which there is a per-night charge. The housing deposit may be refunded to students who withdraw after the eighth week of the semester (after a 30-day waiting period), providing that the student has paid all accounts in full. Meals are prorated from the date of official withdrawal with the Office of Records.

Tuition refunds are computed during regular semesters at the following percentages. These percentages are based on forms being received by the end of the business day on Friday.

First two weeks of the semester	100%
Third Week	75%
Fourth Week	50%
Fifth through eighth weeks	25%

Students are not entitled to any tuition refund after the eighth week of a regular semester. A schedule of refund dates is available at the beginning of each semester in the Records and Business offices, in the *Alert* (the university student newsletter), and online at www.pointloma.edu/records/academiccalendar.

Federal Aid and State Aid

Students must file the FAFSA (Free Application for Federal Student Aid) in addition to the PLNU Application for Financial Assistance to be considered for any form of federal or state aid at PLNU. The priority filing deadline for each of these forms was March 3, 2008.

FINANCIAL NEED

Financial need is the student's eligibility for "need-based" aid—aid that does not have to be repaid. Need-based aid includes the following:

- Federal Pell Grant

- Federal Supplemental Educational Opportunity Grant
- Cal Grant
- Federal Work-Study
- Academic Competitiveness Grant (ACG)
- SMART Grant

In addition, “need-based” aid also includes the following types of loans, because the government pays the interest on them while the student is enrolled at least half-time:

- Federal Subsidized Stafford Loan
- Federal Perkins Loan
- Federal Nursing Student Loan

If the student’s package includes need-based aid, then outside scholarships and all forms of PLNU institutional aid are treated as need-based also, and in certain cases may have to be reduced or canceled to prevent funding in excess of financial need.

Financial Need is defined as the difference between the student’s Cost of Attendance (COA) for the academic year and the “Expected Family Contribution” (EFC):

COA minus EFC equals Financial Need

For example, a student with a COA of \$32,120 for the academic year, and an EFC of \$7,500 would have a financial need of \$24,620 ($32,120 - 7,500 = 24,620$). This amount represents the student’s eligibility for need-based aid.

Cost of Attendance is the sum of tuition, fees, room and board, books and supplies, transportation, and miscellaneous costs. EFC is a statistical figure calculated using the financial information provided on the FAFSA by the student and parent that represents the ability of the student’s family to contribute to the cost of the student’s education.

Need-Based Aid

FEDERAL PELL GRANT

The Pell Grant is awarded to undergraduate students with an EFC of \$4,110 or less. The minimum award is \$400, the maximum, \$4,310. Pell Grant is gift aid and does not have to be repaid. It can be used to help pay university charges (tuition and fees, on-campus room and board) or living expenses.

FEDERAL SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANT (FSEOG)

FSEOG is a form of “campus-based” aid that is awarded to Pell Grant recipients only. To qualify, a student must file a FAFSA and a PLNU Application for Financial Assistance by the SFS office’s priority filing deadline of March 3, 2008. Since FSEOG funding is extremely limited, not all students who qualify receive an award. For the 2008-2009 academic year, the maximum FSEOG award at PLNU is \$800.

FEDERAL WORK-STUDY

The Federal Work Study (FWS) program is awarded to students as an eligibility award from the Federal Government. This means that it is only guaranteed if the student acquires on campus employment. Because the student must earn these funds through working, FWS cannot be applied towards the student’s semester charges. If awarded Federal Work Study, the student should contact the Student Employment Office to secure employment at 619-849-2633 or online at www.pointloma.edu/work. FWS is disbursed in the form of bi-weekly paychecks from the cashier’s office in Draper Hall.

FEDERAL ACADEMIC COMPETITIVENESS GRANT

Freshman and sophomore students who are eligible for a Pell Grant and U.S. citizens may also receive a new Federal Academic Competitiveness Grant of up to \$750 for their first year (1-24 units) and \$1,300 for the second year (25-48 units). To qualify, students must have successfully completed a rigorous high school program as recognized by the U.S. Secretary of Education. Second-year students must also have maintained at least a 3.000 GPA.

FEDERAL NATIONAL SMART GRANT

The new National SMART Grant provides up to \$4,000 for both the third (49-72 units) and fourth (73-96 units) years of undergraduate study to full-time students who are eligible for a federal Pell Grant, U.S. citizens and majoring in physical, life, or computer sciences, mathematics, technology or engineering, or in certain foreign languages. Students must also have maintained a GPA of at least 3.000 in course work required for their major and be enrolled in at least one course required by their eligible major each semester..

SUBSIDIZED STAFFORD LOAN

The Subsidized Stafford loan requires that the student demonstrate financial need (based on the FAFSA). The federal government pays (“subsidizes”) the interest on this loan from the time of disbursement until six months after the student graduates, withdraws, or drops below halftime status (i.e. less than six units).

The Stafford loan interest rate is fixed at 6.0%, effective July 1, 2008. Repayment begins six months after the student graduates, withdraws, or drops below half-time status (i.e. less than six units). The student's Stafford loan eligibility (Subsidized, Unsubsidized, or combination) is based on financial need and academic class level. The annual undergraduate borrowing limits are as follows: \$3,500 for the first year; \$4,500 for the second year; and \$5,500 for the third and subsequent years. The Student Financial Services office recommends that students borrow conservatively to minimize indebtedness. New Stafford borrowers at PLNU are required to complete an entrance interview during the first two weeks of the semester.

Loan amounts are generally released in two disbursements, regardless of enrollment period. Exceptions may be made for students enrolled in one semester. Students are free to select the lender of their choice.

PERKINS LOAN

The Federal Perkins Loan is a low-interest loan for undergraduate students who demonstrate exceptional financial need. The interest rate is fixed at 5% for the life of the loan, and begins accruing nine months after graduation, withdrawal, or dropping to below half-time status (i.e. less than six units). Repayment also begins at this time. Students have up to ten years to repay the loan. Payments are sent directly to PLNU, since Perkins is a "campus-based" program. Students awarded a Perkins loan must sign a promissory note and complete an entrance interview on line by visiting www.pointloma.edu/financialaid before funds can be credited to their student account.

Because of limited funding, there is no guarantee that a student will continue to receive Perkins loan funding in subsequent years.

NURSING STUDENT LOAN

The Nursing loan is a low-interest loan for juniors and seniors enrolled in the PLNU Nursing program who demonstrate exceptional financial need. The interest rate is fixed at 5% for the life of the loan and begins accruing nine months after graduation, withdrawal, or dropping to less than half-time status (i.e., less than six units). Repayment also begins at that time. Students have up to ten years to repay the loan. Payments are sent directly to PLNU.

Students awarded a Nursing loan must complete entrance counseling at the SFS office and sign a promissory note before funds can be credited to their student account.

Because of limited funding, there is no guarantee that a student will continue to receive Nursing loan funding in subsequent years.

State Aid

CAL GRANT

Cal Grant is a program of the California Student Aid Commission (CSAC). Students may receive a Cal Grant for a maximum of four academic years (eight semesters) of undergraduate study. In addition, teacher credential students who received Cal Grant as undergraduates may be eligible for a two-semester extension of their benefits.

CSAC notifies new Cal Grant recipients whether they have been awarded an Entitlement or Competitive Cal Grant. Before a Cal Grant award can be added to a student's Financial Aid Award Letter, the SFS Office must review the data provided by the student and parents on the FAFSA to make sure that the student is financially eligible.

Cal Grant A

Cal Grant A is for students from low to middle income families. It is restricted to paying tuition and mandatory fee charges only. For the 2008-2009 academic year, new Cal Grant A awards are \$9,708.

Cal Grant B

Cal Grant B is for students with exceptionally high need (based on the FAFSA).

During the first year of the award, Cal Grant B pays an Access Grant of up to \$1,551. PLNU credits these funds directly to the student's account to help pay down semester charges. However, the student has the option of receiving Access Grant funds as a check each semester by submitting a written request to the Student Financial Services office before the end of the fall semester Add Period. After that date, the semester Access Grant is credited to the student's account and may not be available for refund.

During the second and subsequent years, Cal Grant B includes a tuition and fee-paying component in addition to Access. For 2008-2009, the tuition and fee component of Cal Grant B is \$9,708.

Application Process for New Cal Grants

Students must submit a 2008-2009 FAFSA (www.fafsa.ed.gov) by March 3, 2008, and submit a verified grade-point average (GPA) to the California Student Aid Commission (CSAC) by the same date. High school seniors should request their high school to provide this information to CSAC electronically.

Current PLNU students who are California residents and who have completed 24 or more college units

should request that the PLNU Office of Records submit their GPA to CSAC.

Renewal Cal Grants

Renewal Cal Grant recipients must maintain at least \$100 of need based on the information provided on the FAFSA for each subsequent academic year. Students may renew a Cal Grant award for up to four academic years (eight semesters). Submission of a verified GPA is not required to renew a Cal Grant. Students who received a Cal Grant at another institution will need to complete Form G-10 (Grant Record Change form for Schools) or contact CSAC at 1-888-224-7268.

For more information regarding Cal Grants, students may go to www.csac.ca.gov.

BYRD SCHOLARSHIP

The Robert C. Byrd Honors Scholarship Program is a federally funded program, administered by all fifty states, that is awarded to exceptionally able high school seniors who show promise of continued excellence in postsecondary education.

Byrd Scholarship awards are \$1,500 for the academic year. Checks are disbursed by Student Financial Services directly to the student.

Like all other merit-based awards, the Byrd Scholarship is treated as need-based aid if the student's financial aid package includes any form of federal need-based aid or a Cal Grant.

CHILD DEVELOPMENT GRANT

The Child Development Grant program is a need-based grant designed to encourage students to enter the field of child care and development, in a licensed children's center. Students who plan to enroll at least half-time in coursework leading to a Child Development Permit as teacher, master teacher, site supervisor, or program director are eligible to apply through PLNU. To receive funding, students must sign a Service Commitment Agreement stating that they will provide one year of full-time service in a licensed children's center for each year they receive the grant.

LAW ENFORCEMENT PERSONNEL DEPENDENTS' GRANT

The Law Enforcement Personnel Dependents grant (LEPD) is a need-based educational grant awarded to dependents and spouses of California peace officers (Highway Patrol, marshals, sheriffs, and police officers), employees of the Department of Corrections and California Youth Authority, and both full-time and permanent firefighters who have been killed or totally disabled in the performance of duty.

LEPD awards range from \$100 up to \$9,873 for up to four years. Applications are accepted throughout the academic year.

For further information, students should contact the Specialized Program Unit of the California Student Aid Commission (CSAC) at the following address:

California Student Aid Commission Specialized Programs
P.O. Box 419029
Rancho Cordova, CA 95741-9029
1-888-224-7268 Option #3
FAX 1-916-526-7977

CHAFEE GRANT

The California Chafee Grant program gives money to current or former foster youth to use for career and technical training, or college courses. The grant does not have to be repaid and is intended to help the student pay living expenses. The Chafee Grant, also known as the Education and Training Voucher (ETV), is a federally funded program and is subject to the availability of federal funds each year.

To qualify, the student must:

- Be eligible, or have been eligible, for foster care
- Be between age 16 and 18
- Not have reached age 22 as of July 1, 2008 (for the 2008-2009 award year)
- Be enrolled in an eligible career or technical school or college (students can contact CSAC to verify that their school is eligible)
- Be enrolled in a course of study at least half-time
- Be in a course of study that is at least one-year long
- Comply with PLNU's Satisfactory Academic Progress (SAP) policy

To apply, students must file the FAFSA (www.fafsa.ed.gov/index.htm) and the California Chafee Grant Program Application (www.chafee.csac.ca.gov/default.aspx).

GOVERNOR'S SCHOLARSHIP

Students should contact Golden State Scholarshare at www.scholarshare.com/gsp/details for eligibility

criteria. Awards are included as a resource in the student's financial aid package, and can be used to help pay tuition and fees and on-campus room and board charges. The Governor's Scholarship is treated as need-based financial aid.

Non-Need Based Aid

UNSUBSIDIZED STAFFORD LOAN

The Unsubsidized Stafford loan does not require financial need. The borrower is responsible for paying all the interest that accrues, from disbursement until the loan is fully repaid.

The interest rate for the Unsubsidized Stafford loan is identical to that for the Subsidized Stafford.

FEDERAL PARENT LOAN FOR UNDERGRADUATE STUDENTS (PLUS)

The PLUS loan is a credit-based loan for parents of dependent undergraduate students. The PLUS loan annual borrowing limit is equal to the student's cost of education minus any other financial aid awarded. The annual minimum is \$150. The interest rate is fixed at 8.5%, effective July 1, 2006. Repayment begins 60 days after the loan is fully disbursed.

Normally, PLUS loan funds are released in two equal disbursements: one for fall semester and one for spring semester. If the parent wishes to have the entire loan disbursed in a single semester, the parent must specify this on the PLUS loan application.

PLNU Institutional Aid

All forms of PLNU institutional aid are limited by the following:

- Semester Charges
- Enrollment Status
- Financial Need

Award amounts are divided equally between fall and spring semesters, and generally cannot be used for summer session coursework.

LIMITS OF FINANCIAL AID AWARDS

For students living on-campus, semester charges include tuition, mandatory fees (not including travel fees), and on-campus room and board charges. For students living off-campus, semester charges include tuition and mandatory fees only. Regardless of the student's housing status, institutional aid (including endowed awards) can never exceed semester charges.

Students Living On-Campus: the only types of aid that can exceed semester charges are: Pell Grant, Federal SEOG, Federal Work-Study, and loans. External scholarships (excluding the Nazarene Church Scholarship) can also exceed semester charges, provided the student files a FAFSA and demonstrates unmet financial need at the time the outside scholarship is added to the student's financial aid package.

Students Living Off-Campus: the only types of aid that can exceed semester charges are: Pell Grant, Federal SEOG, Federal Work-Study, loans, and outside scholarships (excluding the Nazarene Church Scholarship).

Students Studying Abroad: Students in a study abroad program may not be eligible for any form of institutional aid unless the study abroad program is required by the student's academic major. However, both the Nazarene Church Scholarship and certain endowed scholarships can be used for a study abroad program. Recipients of endowed awards should check with the Student Financial Services Office for specific criteria. Majors at PLNU that require study abroad include Political Science, Romance Languages, International Studies, Environmental Science, and International Business. Tuition remission (including CCCU) cannot be used for a study abroad program.

ENROLLMENT STATUS

All forms of institutional aid require full-time enrollment (12 units or more per semester) through the end of the Refund Period—the first eight weeks of the semester. Institutional aid is canceled for any student dropping below 12 units before that time. Students may be eligible to receive a prorated amount of institutional aid on an appeal basis only for a maximum of one semester. An official appeal must be submitted to and approved by SFS.

Graduating seniors may also receive a prorated amount of institutional aid if enrolled less than full-time during their final academic year. There is no credit earned for courses that are audited.

Financial Need

All forms of PLNU institutional aid, including merit-based awards, may be limited by the student's financial need. This means that in certain cases, institutional aid may need to be reduced or canceled if the student is receiving either federal or state need-based aid.

Merit-Based Awards

Merit-based awards include academic, science honors, athletic, music, theatre, and forensics scholarships.

ACADEMIC SCHOLARSHIPS

For first-time freshmen who begin attending PLNU during 2008-2009, academic awards are made for an initial two-year period and, subject to maintaining renewal criteria, can be received for a maximum of 10 semesters. Continuous full-time enrollment is required (12 units or more per semester). Renewal eligibility is based on the student's cumulative GPA calculated at the end of the fall semester of the second year of the award and each subsequent year. Any student not meeting the renewal criteria at that time will not be eligible for the scholarship beyond the following spring semester. **Once lost, an academic scholarship cannot be regained.**

To be eligible for selection, first-time freshmen must:

- be offered admission to PLNU
- submit an official seven-semester high school transcript to PLNU by February 1, 2008
- have a 3.700 weighted GPA
- have a 1200 SAT (combined math and critical reading) or a score of 26 on the ACT

National Merit Scholarship (\$4,000)

National Merit finalists are eligible for any of the academic scholarships listed below in addition to their National Merit award. Candidates should Scholarship is renewable with a cumulative GPA of 3.400 (not rounded), calculated at the end of the fall semester of the second year. The student's cumulative GPA will be reevaluated at the end of each subsequent fall semester for renewal during the next academic year. This award is given for a maximum of ten (10) semesters.

Honors Scholarship (New for the 2008-2009 Academic Year)

A total of two university scholarships may be awarded to first-time freshmen. This award covers most tuition expenses for the year. All application materials must be received by February 1, 2008, to be considered for this award. This scholarship is initially awarded for two years and is then renewable annually with a 3.500 CUM GPA at PLNU.

President's Scholarship

A total of 30 President's Scholarships will be awarded to first-time freshmen for the 2008-2009 academic year. The President's Scholarship is renewable with a cumulative GPA of 3.500 (not rounded), calculated at the end of the fall semester of the second year. The student's cumulative GPA will be reevaluated at the end of each subsequent fall semester for renewal during the next academic year. This award is given for a maximum of ten (10) semesters.

Trustee's Scholarship

A total of 40 Trustee's Scholarships will be awarded to first-time freshmen for the 2008-2009 academic year. The Trustee's Scholarship is renewable with a cumulative GPA of 3.500 (not rounded), calculated at the end of the fall semester of the second year. The student's cumulative GPA will be reevaluated at the end of each subsequent fall semester for renewal during the next academic year. This award is given for a maximum of ten (10) semesters.

Provost's Scholarship (\$4,000)

The Provost's Scholarship is awarded to first-time freshmen with a weighted high school GPA of 3.700 and a 1200 SAT (combined math and critical reading) or a score of 26 on the ACT.

The Provost's Scholarship is also awarded to new transfer students; eligibility criteria vary depending on the number of college units completed, as shown below:

Provost's Scholarship Criteria for Incoming Transfer Students:

No. of Completed Award Criteria Units	Award Criteria
0-11	<ul style="list-style-type: none">• A cumulative high school GPA of at least 3.700• A 1200 SAT (combined math and critical reading) or 26 ACT.
12-23	<ul style="list-style-type: none">• Same as for students with 0 – 11 units• In addition, the student must have a college transfer GPA of 3.400 (unevaluated).

24 or more

- A college transfer GPA of 3.400 (unevaluated).

For transfer students, the Provost's Scholarship is renewable with a cumulative GPA of 3.400 (not rounded), calculated at the end of the fall semester of the second year of the award. The student's cumulative GPA will be reevaluated at the end of each subsequent fall semester.

Second Chance Provost's Scholarship

Students who did not qualify for any academic award at the time they were admitted to PLNU may be considered for this award after completing at least three full-time semesters at PLNU, and attaining a cumulative GPA of 3.700 or higher. If selected, this scholarship will be awarded for the following academic year. Applications for this award, due by March 3, 2008, for the 2008-2009 academic year, are available from the Student Financial Services office. Due to limited funding, all students who are eligible may not be awarded.

Science Honors Scholarships

Science Honors Scholarships are awarded by the departments of mathematics and in the sciences. For student entering the university during the 2008-2009 academic year, these scholarships are awarded for two years. They are then renewable annually with a cumulative GPA of 3.500 (not rounded), calculated at the end of the fall semester of the second year. The student's cumulative GPA will be reevaluated at the end of each subsequent fall semester. This award is given for a maximum of ten (10) semesters.

Athletic Scholarships

The student should contact the Intercollegiate Athletic Department at 619-849-2265 or go to www.pointloma.edu/athletics.

For students who live on-campus, athletic scholarships can only be used to help pay tuition, mandatory and other fees and on-campus room and board.

Forensics Scholarships

The student should contact the forensics coach in the Department of Communication and Theatre at 619-849-2391 (www.pointloma.edu/communication).

Music Scholarships

The student should contact the department assistant in the Department of Music at 619-849-2445 (www.pointloma.edu/music).

Theatre Scholarships

The student should contact the department chair in the Department of Communication and Theatre at 619-849-2248 (www.pointloma.edu/communication).

Tuition Discounts

HAWAII TRAVEL DISCOUNT

The Hawaii Travel Discount (\$1,200) is for students who are residents of Hawaii and is intended to offset travel expenses to PLNU. The award is activated when Student Financial Services receives a copy of the student's current and valid Hawaii driver's license or state ID card.

MULTIPLE CHILD DISCOUNT

The Multiple Child Discount is for siblings from the same household who are concurrently enrolled as undergraduates at PLNU. To be eligible for this discount, both the student and the student's siblings must each qualify as a "dependent" student and be enrolled full-time (12 units or more) through the end of the Refund Period each semester. A student is "dependent" if each of the following statements is true:

- The student was born after January 1, 1984
- The student will be working on a baccalaureate degree or teaching credential during the 2008-2009 year
- The student is not married
- The student does not have children
- The student is not a veteran of the U.S. Armed forces

Multiple Child Discount is awarded as follows:

No. of siblings	Total family discount divided among siblings
2	\$2,000
3	\$4,000
4	\$6,000

Award amounts can be divided among siblings in any way the family chooses provided the amount fits within each sibling's budget, financial need, and semester charges.

MINISTRY DISCOUNT

The Pastor's or Missionary Child Discount for the 2008-2009 academic year provides a percentage discount on tuition charges for the **dependent** children of Nazarene and non-Nazarene pastors.

For the **dependent child** of a Nazarene pastor or missionary to qualify, each of the following statements must be true:

- The pastor must be a full-time * **career** senior pastor or in a full-time career pastoral leadership position during the 2008-2009 academic year
- The student was born after January 1, 1985
- The student is not married
- The student does not have children
- The student is not a veteran of the U.S. Armed Forces
- The student will be working on a B.A. or B.S. degree or continuing Teaching Credential during the 2008-2009 academic year. (This award is given for a maximum of 10 semesters.)

"Career" is defined as someone whose full-time vocation is a pastoral leadership position. This may include bi-vocational pastors whose full-time salary may not be covered by the church, but whose primary occupation is a pastoral leadership position.

Due to limited resources, eligibility is not extended to administrative staff, support staff, or independent children of pastors or missionaries.

Students wanting to apply for either the Missionary or Pastor's Child Discounts should contact the Office of Church Relations at 619-849-2735, or visit them online at www.pointloma.edu/PastoralLeadership/ChurchRelations.htm.

Tuition Remission

PLNU employees and their dependents may be eligible for tuition remission. They should contact the Office of Human Resources at 619-849-2200 or visit them online at www.pointloma.edu/HumanResources.htm for more information.

In addition, a limited number of students whose parents are employed at Council of Christian Colleges and Universities (CCCU) institutions may be eligible for tuition remission benefits. These students must apply through the PLNU Admissions Office to determine their eligibility for this benefit.

If a student earns a PLNU academic scholarship, the amount of tuition remission must be reduced by the amount of the academic award. If the student has remaining unmet need as determined by the FAFSA, they may be awarded up to a maximum of \$4,000 of their earned academic scholarship to apply for the cost of attendance, including on-campus room and board.

NOTE: Although tuition remission is a benefit, it is a resource and may limit the student's eligibility for federal, state, and institutional aid.

Institutional Grants

CHURCH SCHOLARSHIP, NAZARENE GRANT-IN-AID AND DISTRICT GRANTS

The Nazarene Matching Grant program is for Nazarene students from the Southwest Educational Region of the Church of the Nazarene (#9), which is comprised of the following districts (with amount available):

District Grant Award Amounts for 2008-2009

District	Amount
Anaheim	\$2,600
Arizona	\$2,600
Central California	\$2,600
Hawaii	\$2,800
Los Angeles	\$2,600
New Mexico	\$2,900
Northern California	\$2,600
Sacramento	\$2,800
Southern California	\$2,800

SW Latin America	\$2,600
Western Latin American	\$2,600

The program consists of three awards: the Church Scholarship, the Nazarene Grant-in-Aid, and a District Grant. In order to receive these three awards, the student's home Nazarene church must send PLNU a Church Scholarship check (up to \$250 per year). PLNU matches this with the Nazarene Grant-in-Aid (up to \$250 per year) and also applies the appropriate District Grant (amounts vary). A student whose home Nazarene church does not participate in the matching grant program may still be able to receive District Grant funds if the church's pastor sends a written request to Student Financial Service on church letterhead.

For students living on-campus, these three awards can be used to help pay tuition and mandatory fees or on-campus room and board charges. For students living off-campus, the awards are restricted to tuition and fees. Neither the Church Scholarship nor the Nazarene Grant-in-Aid can be refunded to the student. However, for off-campus students whose total financial aid exceeds semester charges, the student may use District Grant funds to purchase meal tickets, provided that a FAFSA has been filed and the student demonstrates remaining financial need.

Students may receive the Church Scholarship, Nazarene Grant-in-Aid, and District Grant during the fall and spring semesters only, for up to ten regular semesters. Full-time enrollment (12 units or more per semester) is required through the end of the refund period.

It is the student's responsibility to contact the church and request that it send the Church Scholarship check to PLNU. If the church does not send the money, the Church Scholarship, Nazarene Grant-in-Aid, and District Grant will be removed from the student's financial aid package.

The student should contact the church as early as possible during the academic year to find out if there are any special eligibility requirements (i.e., a minimum period of church attendance, church involvement, etc.) or if it requires submission of an application form. In addition to any documentation that may be required by the church, the student must submit a PLNU Application for Financial Assistance to the SFS office.

NAZARENE NEED GRANT

The Nazarene Need Grant (NNG) is awarded to students who are Nazarene from the Southwest Educational Region with exceptional financial need (based on the FAFSA). To be considered, the student must file a FAFSA and a PLNU Application for Financial Assistance by March 3, 2008. Students must be packaged with a Subsidized Stafford Loan before being packaged with NNG. Due to limited funding, not all students eligible for NNG will be awarded.

PLNU NEED GRANTS

PLNU Need Grants (PLNG and NEED) are awarded to students with financial need (based on the FAFSA) and who meet all eligibility requirements. To be considered, the student must file a FAFSA and PLNU Application for Financial Assistance by March 3, 2008. Students must be packaged with a Subsidized Stafford loan before being packaged with PLNU. Due to limited funding, not all students eligible for PLNU will be awarded NEED grants

POINT LOMA DIVERSITY LEADERSHIP GRANT

Students should contact the Director of Diversity and International Student Services, at 619-849-2524, or the Associate Director of Admissions for Outreach, at 619-849-2518 for eligibility criteria.

Diversity awards are limited by financial need if the student's financial aid package includes any form of federal or state need-based aid.

ASB AND RESIDENT ASSISTANTSHIPS (RA)

Both Associated Student Body (ASB) leadership and RA awards are treated as need-based if the student's financial aid package includes any form of federal or state need-based aid. This means that an ASB or RA award may have to be reduced or in rare cases, canceled to prevent the student from being funded in excess of financial need.

An alternative to having an ASB or RA award reduced or canceled is for the student to receive the excess award through student payroll. Under this option, the student will receive the amount of the excess as monthly checks. The drawback is that ASB or RA funds disbursed in this way must be reported to the IRS, and the student must pay taxes on these earnings. Neither ASB nor RA awards are disbursed directly to the student.

RA awards are based off the 19 meal per-week plan. Please note that if the student changes to a lesser meal plan, the difference cannot be refunded.

The contact person for ASB awards is the Director of Community Life. The contact person for resident assistantships is the Associate Dean of Residential Life.

DEPARTMENTAL AWARDS

Each year, various academic departments and schools award a limited number of scholarships to selected students. Students should contact their academic department or school for applications and deadlines. Students in their freshman year are not eligible for these awards.

ENDOWED AWARDS

Friends of Point Loma Nazarene University have established a number of special scholarships and loan funds to assist PLNU students. These scholarships are awarded only to continuing students (i.e., current PLNU students who will be sophomores, juniors, or seniors for the 2008-2009 academic year). Each academic department, school, or other unit at the university responsible for awarding these scholarships has its own application process and deadline. Endowed awards for the 2008-2009 academic year may be viewed at www.pointloma.edu/FinancialAid/Undergrad/PLNU/EndowedAwards.htm who are interested in applying for these scholarships should contact the category under which the scholarship is listed.

Financial Aid from Outside Agencies

Various organizations, such as businesses, community groups, churches, administer scholarships based on merit, athletics, community service, organizational affiliation, academic performance, or educational objective. Some of these awards require financial need. It is the student's responsibility to research outside scholarship opportunities.

Once awarded, it is the student's responsibility for contacting the outside agency sponsoring the scholarship award and requesting that it send the scholarship check to PLNU.

Outside scholarship awards are always divided evenly over both the fall and spring semesters, unless the scholarship donor specifically states otherwise.

Even if the scholarship donor sends the funds directly to the student, the award must still be treated as a resource, which means that other aid in the student's package may need to be reduced or canceled to prevent the student from being funded in excess of campus charges, financial need, or cost of attendance.

ROTC and Vocational Rehabilitation

Both Reserve Officers Training Corps (ROTC) and Vocational Rehabilitation (Voc Rehab) help students to pay tuition and fee charges. Award amounts must be verified by the organization providing the financial assistance. Both ROTC and Vocational Rehabilitation are treated as need-based aid. This means that both of these awards can limit a student's eligibility for merit and other need-based financial aid programs.

VA Benefits

Veterans Administration (VA) benefits are awarded to veterans of the Armed Services and dependents who qualify. These funds treated as a resource that count against the student's eligibility for other need-based financial aid programs, including scholarships, grants, and loans (Subsidized Stafford loan is not affected by Chapter 30 VA Benefits). VA Benefits are certified by the university and paid directly to the student.

The student is responsible for accurately reporting on the FAFSA the expected monthly amount of VA Benefits and the number of months the benefit will be received. Inaccurately reported VA Benefits could result in adjustments to the student's overall financial aid package.

UNIVERSITY ORGANIZATION

Academic Governance

Point Loma Nazarene University is committed to broad-based participation in decision making as evidenced in the organization of the faculty and administration. Both groups serve, often with student members, on a wide range of councils and committees that deal with administrative and faculty areas of concern. Recommendations are brought to faculty meetings and/or to the administration through the Administrative Cabinet. A complete listing of the committee structure is included in the *Faculty Handbook*.

In matters of undergraduate curriculum, the various academic units (arts and sciences or social science and professional studies) propose changes through the Academic Policies Committee (APC), and then on to a general meeting of the faculty acting as a committee of the whole. Matters that have an impact on general education are referred to the faculty's General Education Committee before final approval by the APC. The Provost provides general direction to these efforts with the assistance of the Vice Provosts. The Academic Affairs Committee of the Board of Trustees acts upon matters of policy relative to the academic program.

Office of Academic Affairs
College of Arts and Sciences
College of Social Sciences and Professional Studies

OFFICE OF ACADEMIC AFFAIRS

Provost

Location Mieras Hall, Room 201
Telephone (619) 849-2217
Fax (619) 849-2579
Provost John W. Hawthorne, Ph.D.
E-mail johnhawthorne@pointloma.edu
Administrative Assistant Mary Lynn Hewett

Academic Administration

Location Mieras Hall, Room 203
Telephone (619) 849-2658
Fax (619) 849-2579
Vice Provost Keith R. Bell, Ph.D.
E-mail keithbell@pointloma.edu
Administrative Assistant Judy Brundrett

Graduate Studies

Location Mission Valley Regional Center
Telephone (619) 563-2820
Fax (619) 563-2899
Vice Provost Margaret T. Bailey, Ph.D.
E-mail maggiebailey@pointloma.edu
Administrative Assistant Robin Evans

Faculty Development

Location Bond Academic Center, Deans' Suite
Telephone (619) 849-2295
Fax (619) 849-7018
Vice Provost Hadley Wood, Ph.D.
E-mail hadleywood@pointloma.edu
Administrative Assistant Lauren Johnson

COLLEGE OF ARTS AND SCIENCES

Administration

Location	Bond Academic Center, Deans' Suite
Telephone	(619) 849-2221
Fax	(619) 849-7018
Dean, College of Arts and Sciences	Kerry D. Fulcher, Ph.D.
E-mail	kerryfulcher@pointloma.edu
Administrative Assistant	Stephanie Lehman

General Information

The College of Arts and Sciences is at the very heart of liberal arts education at Point Loma Nazarene University. Programs in the arts and sciences are offered through seven academic departments and the School of Theology and Christian Ministry. Course offerings in the arts and sciences are designed to help students explore a wide range of ideas. The college's highly qualified faculty members are professionally active and committed to engaging students in the learning experience. By emphasizing the university's mission *To Teach, To Shape, To Send*, the faculty challenge students to become life-long learners, to value the process of personal and intellectual development, and to give their lives in meaningful service to others.

Curricula

Students should refer to the following pages in this *Catalog* for a complete listing of program characteristics, degree requirements, and descriptions of courses offered by academic areas within the College of Arts and Sciences.

MASTER'S DEGREES

Master of Arts in Religion (M.A.)
Master of Ministry (M.Min.)
Master's degrees in General Biology (M.A., M.S.)

BACHELOR'S DEGREES (B.A. UNLESS OTHERWISE NOTED)

Art Subject Matter (Art Education)
Biblical Studies
Biology (B.A., B.S.)
Biology-Chemistry (B.S.)
Broadcast Journalism
Chemistry (B.S.)
Christian Ministry
Composition (Music) (B.Mus.)
Computer Science (B.A., B.S.)
Engineering Physics (B.S.)
Environmental Science (B.S.)
Graphic Design
Information Systems (B.S.)
Instrumental Performance (B.Mus.)
Journalism
Literature
Mathematics (B.A., B.S.)
Music
Music and Ministry
Music Education
Philosophy
Philosophy and Theology
Physics (B.A., B.S.)
Piano Performance (B.Mus.)
Romance Languages
Spanish
Visual Arts
Vocal Performance (B.Mus.)
Writing

MINORS

American Literature
Art
British Literature
Cell and Molecular Biology

Children's Ministry
Computer Science
Environmental Biology
French
Information Systems
Mathematics
Music
Organismal Biology
Philosophy
Physics
Public Relations
Spanish
World Literature
Writing
Youth Ministry

Credential and Internship Programs

California Commission of Teacher Credentialing in single-subject arts and science content areas, Christian Ministries Internship, Institute for Holy Land Studies (a division of Jerusalem University College).

Centers

Point Loma Nazarene University maintains several centers, and one in particular falls within the organization of the College of Arts and Sciences.

CENTER FOR PASTORAL LEADERSHIP

Norman V. Shoemaker, D.Min., Founding Director

The Center for Pastoral Leadership exists to enhance the mission of the university through its work with ministerial students, pastors, and the church. The center is an educational and service resource designed to strengthen the relationship of the university and the sponsoring denomination, the Church of the Nazarene, and to promote effectiveness in pastoral ministry.

Activities of the center include oversight of the Master of Ministry (M.Min.) degree program, mentoring of pre-ministerial students, continuing education for pastors, and other aspects of church and university relations including, especially, pastoral support.

Accreditations and Affiliations

Point Loma Nazarene University is accredited by the Western Association of Schools and Colleges (WASC) and the National Association of Schools of Music (NASM). **WASC may be contacted at 985 Atlantic Avenue, Suite 100, Alameda, CA 94501, or by telephone at 510-748-9001.**

Academic Organization

The College of Arts and Sciences, under the direction of the dean of the college, functions with the supervision of academic departments, schools, and centers. The following is a list of chairs, directors, and deans in the College.

DEPARTMENTS AND SCHOOLS

Department of Art and Design – James Skalman, chair

Department of Biology – Darrel R. Falk, chair

Department of Chemistry – Kenneth A. Martin, chair

Department of Literature, Journalism, and Modern Languages – Carol A. Blessing, chair

Department of Mathematical, Information, and Computer Sciences – Maria R. Zack, chair

Department of Music – Paul S. Kenyon, chair

Department of Physics and Engineering – Dee G. Punttenney, chair

School of Theology and Christian Ministry – Samuel M. Powell, dean

CENTER

Center for Pastoral Leadership – Norman V. Shoemaker, director

COLLEGE OF SOCIAL SCIENCES AND PROFESSIONAL STUDIES

Administration

Location	Bond Academic Center, Deans' Suite
Telephone	(619) 849-2653
Fax	(619) 849-7018
Dean, College of Social Sciences and Professional Studies	Rebecca A. Havens, Ph.D.
E-mail	beckyhavens@pointloma.edu
Administrative Assistant	Cindy Wickwire

General Information

The College of Social Sciences and Professional Studies centers on areas of study at Point Loma Nazarene University that focus on preparation in the social sciences and professions. Programs in the social sciences and professions are offered through six academic departments and three professional schools: the School of Business, the School of Education, and the School of Nursing. Course offerings in the social sciences and professional studies are designed to help students explore a wide range of people-related, theoretical, and practical knowledge and skills. The college's highly qualified faculty members are professionally active and committed to engaging students in the learning experience. By emphasizing the university's mission *To Teach, To Shape, To Send*, the faculty challenge students to become life-long learners, to value the process of personal and intellectual development, and to give their lives in meaningful service to others.

Curricula

Students should refer to the following pages in this *Catalog* for a complete listing of program characteristics, degree requirements, and descriptions of courses offered by academic areas within the College of Social Sciences and Professional Studies.

ADVANCED DEGREES

Master of Business Administration (M.B.A.)

Master of Arts in Education (M.A.) - concentrations in Teaching and Learning, Counseling and Guidance, and Special Education

Master of Science in Nursing (M.S.N.)

Educational Specialist (Ed.S.)

BACHELOR'S DEGREES (B.A. UNLESS OTHERWISE NOTED)

Accounting

Athletic Training

Broadcast Journalism

Business Administration

Child and Adolescent Development

Communication

Consumer and Environmental Sciences

Dietetics (B.S.)

Exercise Science

Fashion and Interiors

History

Industrial-Organizational Psychology

International Development Studies

International Studies

Liberal Studies (multiple-subject education)

Managerial and Organizational Communication

Media Communication

Nursing (B.S.N.)
Nutrition and Food
Physical Education
Political Science
Psychology
Social Science
Social Work
Sociology
Theatre

MINORS

Accounting
Athletic Coaching
Business Administration
Child Development
Communication
Criminal Justice
History
International Development Studies
Media Communication
Nutrition
Nonprofit Organization Management
Pre-Therapeutic Psychology
Public Relations
Sociology
Theatre
Women's Studies

Credential and Internship Programs

California Commission of Teacher Credentialing (CCTC-approved teaching credentials in Preliminary Level I: Multiple Subjects, Single Subject, Educational Specialist Mild/Moderate, Educational Specialist Moderate/Severe, Professional Clear Teaching Credential; Level II Clear Teaching Credential); Professional Administrative Services Credential; Pupil Personnel Services Credential; Internship programs; Los Angeles Film Studies Center and World Capitals Program (Coalition of Christian Colleges and Universities, CCCU).

Centers

Point Loma Nazarene University maintains several centers within the organization of the College of Social Sciences and Professional Studies, including:

- Armenian Center for International Development
- Center for Justice and Reconciliation
- Early Childhood Learning Center
- Fermanian Business Center
- Health Promotion Center, School of Nursing
- Institute of Politics and Public Service
- Margaret Stevenson Center for Women's Studies

Accreditations and Affiliations

Point Loma Nazarene University is accredited by the Western Association of Schools and Colleges (WASC), the Association of Collegiate Business Schools and Programs, the Commission on Accreditation of Allied Health Education Programs, the American Dietetic Association, the California Commission on Teacher Credentialing, and the Commission on Collegiate Nursing Education. **WASC may be contacted at 985 Atlantic Avenue, Suite 100, Alameda, CA 94501, or by telephone at 510-748-9001.**

Academic Organization

The College of Social Sciences and Professional Studies, under the direction of the dean of the College, functions with the supervision of academic departments, schools, and centers. The following is a list of chairs, directors, and deans in the college.

DEPARTMENTS AND SCHOOLS

Department of Communication and Theatre – Paul R. Bassett, chair

Fermanian School of Business – Bruce A. Schooling, dean

School of Education – Gary Railsback, dean

Department of Family and Consumer Sciences – Kay M. Wilder, chair

Department of History and Political Science – Bill Wood, chair

Department of Kinesiology – Jeffrey A. Sullivan, chair

School of Nursing – Michelle F. Riingen, acting dean (spring); Barbara J. Taylor, dean

Department of Psychology – Holly Irwin-Chase, chair

Department of Sociology and Social Work – Kevin F. Modesto, chair; Patricia M. Leslie, Director of Social Work.

REGIONAL CENTERS

Arcadia – Donald L. Phillips, director

Bakersfield – Don A. Burnard, director

Inland Empire – Gary N. McGuire, director

Mission Valley – Director TBA

CENTERS AND INSTITUTES

The Armenian Center for International Development – Robert C. Gailey, director

The Center for Justice and Reconciliation – James F. Gates, director

The Early Childhood Learning Center – Susan D. Rogers, academic director

The Fermanian Business Center – Randy M. Ataide, director

The Institute of Politics and Public Service – Ronald B. Kirkemo, director

The Margaret Stevenson Center for Women's Studies – Linda M. Beail, director

THE CURRICULA

It is the goal of the university to provide an education in the liberal arts tradition and in professional areas, balancing a broadening experience in its general education program with the depth necessary to concentrate in one of the major programs.

The undergraduate curricula at Point Loma Nazarene University include a wide variety of programs. The university also encourages and assists students who wish to study abroad. Many programs feature internships and practicum experiences. Off-campus cooperative programs also offer students the benefits of spending a part of their educational experience in nearby locations or on the other side of the globe.

General Education

The purpose of general education is to provide a common educational experience, to develop essential skills, and to provide a broad cultural background for personal and professional growth. The curriculum is listed under a four-fold division. This structure provides continuity with the Wesleyan approach to knowledge by emphasizing the human response as foundational to the developing, exploring, and seeking aspects of education. The divisions, although not mutually exclusive or all-encompassing, organize similar themes relevant to faith and learning. Each complements the others and, in each, conscious efforts are made to reveal connections, develop perspectives, and build synthetic thinking skills. These divisions are: *Responding to the Sacred, Developing Cognitive Skills, Exploring an Interdependent World, and Seeking Cultural Perspectives.*

General Education Committee

The general education program is approved and sustained by the faculty under the direction of the provost and a faculty committee. The General Education Committee directs an on-going cycle of review and improvement based on established goals and objectives.

General Education Prerequisites

Students are required to demonstrate basic competence in mathematics and writing based on standardized test scores. *Any remedial courses, numbered below 100, taken to satisfy competency requirements, are in addition to the minimum of 128 units required for graduation.*

General Education Requirements

The specific requirements in general education, as established by the faculty, represent a broad-based experience in skills and ideas. The following selection of courses is designed to guide the student toward a liberalizing educational experience in the arts and sciences while allowing for substantial choice in the development of that education.

I. Responding to the Sacred

A study of Scripture and Christian heritage as foundational in the pursuit of knowledge and the development of personal values.

Students transferring to the university for the first time with 48 or more units, none of which are in religion, take only five units in this category at Point Loma Nazarene University (three of which must be at the upper-division level).

A. BIBLICAL FOUNDATIONS [2 COURSES; 5 UNITS]

Course Title	Units
BIB 101 Old Testament History and Religion	2
BIB 102 New Testament History and Religion	3

B. THE CHRISTIAN TRADITION [3-6 UNITS]

Course Title	Units
THE 306 The Life of Holiness	3
OR	
CHU 395 The Christian Tradition	3
OR	
CHU 484 Ancient and Medieval Christianity	3
AND	
CHU 485 Modern Christianity	3

II. Developing Cognitive Abilities

A pursuit of personal awareness and skill development, focusing on the analytical, communication, and quantitative skills necessary for successful living in modern society.

A. PERSONAL DEVELOPMENT [1 COURSE; 3-4 UNITS]

Course	Title	Units
PSY 101	Psychology of Personal Development	4
	Required of all first-time freshmen and transfer students with fewer than 24 units. All others take:	
PSY103	General Psychology	3
	Required of transfer students with 24 units or more.	

B. CRITICAL THINKING AND COMMUNICATION [2 COURSES; 6-8 UNITS]

All students must fulfill the composition requirement prior to the junior year.

Course	Title	Units
WRI 110	College Composition OR	5
WRI 115-116	College Composition OR	3, 2
WRI 120	Honors in College Composition	3
COM 100	Principles of Human Communication OR	3
COM 231	Argumentation and Debate	3

C. PROBLEM SOLVING [1 COURSE; 3-4 UNITS]

Course	Title	Units
MTH303	Problem Solving OR	3
MTH144	Calculus with Applications OR	4
MTH164	Calculus I	4

III. Exploring an Interdependent World

An introduction to the natural and social sciences as tools for exploring the world, with emphasis on collecting and interpreting empirical data for both theoretical and practical purposes.

A. THE NATURAL WORLD [2 COURSES; ONE FROM EACH GROUP, AND AT LEAST ONE WITH A LAB; 8-9 UNITS]***Biological Science [1 course from this group]***

Course	Title	Units
BIO 101	Human Biology and Bioethics	4
BIO 102	Environmental Biology	4
BIO 103	Introduction to Biology	4
BIO 104	Biotechnology and Society	4
BIO 105	Ecology and Conservation	4
BIO 130	Human Anatomy and Physiology	4
BIO 210	Cell Biology and Bio-Chemistry	4
BIO 215	Animal Biology	4

Physical Science [1 course from this group]

Course	Title	Units
CHE 101	Chemistry and Society	4
CHE 103	Introduction to General, Organic, and Biological Chemistry	5
CHE 152	General Chemistry I	4
PHY 141	General Physics I	4
PHY 241	University Physics I	4
PSC 103	Earth Science	4
PSC 105	The Cosmos	4
PSC 110	Physical Science	4

B. PHYSICAL FITNESS AND NUTRITION [2 COURSES; 2-4 UNITS]

Any activity course numbered Physical Education 102-184 and one of the following:

Course Title	Units
PED 100 Fitness through Movement	1
PED 211 Individual and Dual Sports I	2
PED 212 Team Sports Strategies	2
PED 213 Individual and Dual Sports II	2
PED 300 Optimal Health	2
FCS 315 Personal, Family, and Community Health	3

C. THE SOCIAL WORLD [1 COURSE; 3-4 UNITS]

One of the following:

Course Title	Units
ECO 101 Principles of Economics I	3
ECO 102 Principles of Economics II	3

POL 101 Introduction to Political Science	3
POL 190 The Politics of Race, Class, and Gender	4

SOC 101 Introduction to Sociology	3
SOC 103 Social Problems	3
SOC 201 Cultural Anthropology	3

IV. Seeking Cultural Perspectives

A survey of human endeavors from a historical, cultural, linguistic, and philosophical perspective, including developing critical appreciation of human expression—both artistic and literary.

A. THE HISTORY OF WORLD CIVILIZATIONS [2 COURSES; 6 UNITS]

Course Title	Units
HIS 110 World Civilizations I	3
HIS 111 World Civilizations II	3

B. THE FINE ARTS [2 COURSES FROM DISTINCT AREAS; 4-5 UNITS]

Course Title	Units
ART 100 Introduction to Art	2
ART 102 Fundamentals of Art	3
ART 200 History of Art I	3
ART 201 History of Art II	3

MUH 100 Introduction to Music	2
MUH 101 Introduction to Listening	2

TRE 101 Introduction to Theatre	2

C. PHILOSOPHY [1 COURSE; 3 UNITS]

Course Title	Units
PHL 201 Introduction to Philosophy	3
PHL 211 Ethics	3

B.S.N. candidates choose between two Literature options or one Literature and one Philosophy.

D. LITERATURE [2 COURSES; 5-6 UNITS]

Two courses, at least one from the Masterpieces category.

Masterpieces:

Course Title	Units
LIT 201 Masterpieces of World Literature I	3
LIT 202 Masterpieces of World Literature II	3

Great Works:

Course Title	Units
LIT 205 Great Works in a Literary Genre: The Novel	2
LIT 206 Great Works in a Literary Genre: Drama	2
LIT 207 Great Works in a Literary Genre: Poetry	2
LIT 208 Great Works in a Literary Genre: Short Story	2
LIT 325 Children's Literature	3
LIT 460 The Human Challenge	3

E. FOREIGN LANGUAGE* [2 COURSES; 8-9 UNITS]

One of the following sequences in the same language, all or part of which may be waived by examination or by petition when English is not the student's native language:

Course Title	Units
SPA 101 Elementary Spanish I	4
SPA 102 Elementary Spanish II	4

GER 101 Elementary German I	4
GER 102 Elementary German II	4

FRE 101 Elementary French I	4
FRE 102 Elementary French II	4

BLA 205 Essentials of Hebrew I	4
BLA 206 Essentials of Hebrew II	4

BLA 207 Essentials of Greek I	3
BLA 208 Essentials of Greek II	3
BLA 337 Exegesis of Greek New Testament I	3

NOTE: A foreign language is not required for B.S.N. candidates.

Major and Minors

The Major. Point Loma Nazarene University offers four baccalaureate degrees: the Bachelor of Arts (B.A.), the Bachelor of Music (B.Mus.), the Bachelor of Science (B.S.), and the Bachelor of Science in Nursing (B.S.N.). Many of the 50+ major programs also offer indepth concentrations.

If a second major area of study is desired, all requirements for both majors must be met with a minimum of 24 units distinguishing the two areas of study. While working on a single baccalaureate degree, the maximum number of pursuits is two majors and two minors.

Students should review the Admissions section for lists of majors and concentrations currently offered by the university.

The Minor. Optional minors are offered in several schools and departments. The requirements governing minors are as follows:

- Only minors that appear in the student's catalog of record may be earned at the point of graduation;
 - A minor is at least 16 units and is under the direct auspices of the respective school/department;
 - Students must earn a 2.000 cumulative GPA in the minor for it to be granted;
 - The minor must show a minimum of nine (9) units in residence;
 - Of the 16+ units in the minor, nine (9) must be distinct from and not counted in the major;
 - Of the 16+ units in the minor, 12 must be at the upper-division level;
 - The pass/no credit option is not available for courses within the minor; and
 - A second minor, when feasible, requires a minimum of nine (9) units distinct from and not counted either in the major or in the first minor.
- Honors Scholars Program

Honors Scholars Program

Near the end of the junior year, a student who has demonstrated exceptional scholarship and capacity for serious and creative study or research, and who has maintained a 3.500 cumulative GPA, may apply for entry into the Honors Scholars program. With the guidance of a major professor, and in community with other Honors Scholars, the student will complete an honors project during the senior year. Successful scholars will receive due recognition at commencement ceremonies and on the university transcript of record. Criteria, qualifications, and procedures are available in the Deans' Center, located on the lower floor, west side of the Bond Academic Center.

Students who are accepted into the Honors Scholars program register in the fall semester for Honors 498 (two units), as listed below. This represents the initial phase of work on the required project. In the spring of the senior year, students register for Honors 499 (one unit) in order to complete the project.

Before formal acceptance into the Honors Scholars program, students may register for Honors 399 (up to a total of 4 units). This course is not an eligibility requirement for the program, and completion of Honors 399 does not guarantee acceptance into the program.

HONORS 399 (1-2) FOUNDATIONS OF INDEPENDENT RESEARCH

A course designed to assist students in doing the substantial background work needed to prepare for an honors project. This course is meant to support those students whose majors do not offer other means of preparing the foundation for such projects. This course is not a prerequisite for Honors 498 and may be repeated up to a total of 4 units. Graded Credit/No Credit.

Prerequisite: Consent of the director of the Honors Scholars Program and the respective department chair/school dean.

HONORS 498 (2) HONORS PROJECT I

An intensive project to be completed by students who are designated as Point Loma Nazarene University Honors Scholars. The course includes the first stage of a seminal study within a scholar's major under the supervision of a faculty advisor. In the liberal arts tradition, scholars from different disciplines meet together every week to discuss progress on their projects. The interdisciplinary portion of the course includes a workshop on project preparation and presentation. The experience culminates with the scholar's formal presentation of progress to his/her Advisory Committee not later than December 15. Graded Credit/No Credit. Offered each fall.

Prerequisite: Normally restricted to students in the senior year with a cumulative grade-point average of 3.500 or higher. Approval of the director of the Honors Scholars program and the department chair/school dean in which the scholar's major is housed.

HONORS 499 (1) HONORS PROJECT II

A continuation of Honors 498. In this course, students meet regularly with their advisor, complete their project, and prepare for two formal presentations: one to their Advisory Committee and a second at the Point Loma Nazarene University Honors Conference held in early May. Honors projects are bound and kept as an annual collection in the university's Ryan Library. Graded Credit/No Credit. Offered each spring.

Prerequisite: Honors 498.

Teaching Credentials

Courses necessary to satisfy the requirements for the following teaching credentials are offered. The requirements presented in the School of Education section are in addition to the requirements for the baccalaureate major.

- Single-Subject Teaching Credential – 2042 (Secondary) (Teacher Education)
- Multiple-Subject Teaching Credential – 2042 (Elementary) (Teacher Education)

Pre-Professional and Cooperative Programs

ENGINEERING

Dee G. Punttenney, Advisor

Two options are open to students who wish to work toward a degree in some branch of engineering.

- Those interested in an electronics emphasis may earn a degree in Engineering Physics at this university (see Department of Physics and Engineering).
- For a professional degree in any branch of engineering, the student may take two years of basic course work at this university followed by a transfer to an engineering school.

Interested students may seek counsel from the Engineering advisor.

PRE-LAW

Dwayne L. Little and D. Michael McKinney, Co-Advisors

The Pre-Law program is designed to provide those considering legal careers with all the information and

support they need to assist them with the accomplishment of their goals. While most of the program centers on the concerns of those planning to attend law school, counsel is also available for those contemplating paralegal, government, and other law-related careers.

There is no "Pre-Law Major" as such, since the American Association of Law Schools and almost all ABA-approved law schools discourage such programs. Instead, the Point Loma program focuses on assisting students of any major with information on the best preparation for law school, including: the Law School Admissions Test (LSAT), application procedures and strategies, internships, the bar exam, and practice and placement issues.

The Pre-Law program brings speakers to the university in small-group settings and provides a wide variety of programs. Guests include law school admissions officers, practicing attorneys, judges, and others involved in legal careers. In addition, the advisors (one a practicing attorney) provide individualized counseling for all Pre-Law participants. The advisors also administer an internship program through which selected Point Loma students are placed for a semester with the Curator's Office of the Supreme Court of the United States. Students interested in any aspect of the Pre-Law program should contact the advisors early in their academic career.

PRE-MEDICAL/PRE-DENTAL/PRE-VETERINARIAN

Darrel Falk, Advisor

Students may prepare themselves for admission to educational institutions specializing in the health professions by pursuing a four-year program of study as suggested by the Pre-Health Professions Advisor. These schools make no requirements regarding the choice of major for students preparing for the health professions but encourage a broad liberal arts background in the humanities, social and behavioral sciences, natural sciences, and mathematics. Most students interested in careers in the health professions at Point Loma choose to major in the natural sciences or mathematics. If students choose a major other than these, they must be prepared to do especially well in science courses. In addition to a bachelor's degree, the specific requirements for admission into health profession school include one year each of general chemistry, organic chemistry, biology, and physics, and one semester of calculus. Many also require a course in statistics and expect or require more than a minimum number of credits in biology.

A Pre-Medical Committee of the faculty follows the progress of each student and is available to advise the student and write recommendations when the student applies to educational institutions for the health professions, usually during the summer of the junior year. The Pre-Medical Program is designed to aid and encourage student candidates through a visiting speaker program, orientation meetings, suggestions in preparing for entrance exams, practice interviews, special experiences such as research opportunities, and critiques of application materials. Prospective students are advised that high grades and entrance exam scores are essential. Participation in the committee process is required for all pre-medical students.

PRE-PHYSICAL THERAPY AND ALLIED HEALTH

Leon M. Kugler and Rebecca J. Flietstra, Co-Advisors

Students of various academic majors intending to attend physical therapy school must prepare adequately for the rigors of graduate school and groom themselves for the application process. Interested students will receive advisement on accredited programs, prerequisites, and admission standards. The advisors assist in internship placement, preparation for the application process including letter of recommendation decisions and the admission interview paradigm. Graduate Record Examination (GRE) preparation strategies and course sequence advising are offered. Prospective students are advised that high grades and entrance exam scores are essential.

Interaction with professionals in the physical therapy and medical fields is encouraged through two or three clinical internship placements, the first of which occurs as early as the second semester of the sophomore year, the biannual distinguished lecture series, contact with the university sport team physician and original research leading to Honors Scholar status at graduation. These interactions are beneficial to personal and pre-professional development and enhance the prospect of graduate school admission.

AFROTC, AROTC, AND NROTC PROGRAMS

Scott N. Shoemaker, Advisor

Two- to four-year programs in Air Force, Army, and Navy Reserve Officer Training Corps, are offered in cooperation with San Diego State University and the University of San Diego. Upon completion of the program and all requirements for a bachelor's degree, cadets are commissioned as second lieutenants in the Air Force, Army, and Marines, and as Ensigns in the Navy. In addition to the leadership courses listed on the admissions office Web site, all students are required to take a four to six-week Field Training Camp or cruise during the summer. Further information on these programs may be obtained from the ROTC advisor at Point Loma Nazarene University or from the Aerospace Studies Department, 619-594-5545, and the Military Science Department, 619-594-4943, at San Diego State University or the Department of Naval Science, 619-260-2288, at the University of San Diego.

GRADUATION

GENERAL REQUIREMENTS

Undergraduate students all share certain general requirements for earning the baccalaureate degree (B.A., B.Mus., B.S.N., and B.S.). These include the following:

- Filing an application for admission to candidacy with the Office of Records.
 - Satisfactory completion of a total of a minimum of 128 semester units (numbered 100 and above) with a minimum cumulative grade-point average of 2.000.
 - Satisfactory completion of general education requirements.
 - Completion of an approved program of study in a major area with a minimum cumulative grade-point average of 2.000 unless otherwise stipulated.
 - Residency at the university during the final 24 units of study.
 - Completion of all academic and institutional requirements.
1. **Candidacy for a Degree.** An application for advancement to candidacy for a degree must be filed after the student has completed at least 92 semester units of work and has an approved program of study. Although students may view an unofficial advising guide on the Web, an official "Graduation Check" is conducted by the Office of Records which subsequently communicates with the degree applicant regarding appropriate details. A special application must be made, and a fee paid, for students who must attend a final summer session in order to complete all requirements for graduation (see below under Graduation Fees).
 2. **Semester Units.** A minimum cumulative grade-point average of 2.000 is required for graduation. None of the minimum 128 semester units required for the baccalaureate degree may include those taken at the remedial level (numbered below 100).
 3. **General Education.** Students must meet the stated requirements in general education, a broad-based liberalizing experience in the arts and sciences. Transfer students are responsible to make sure any course work done prior to admission to the university fulfills the categories that are unique to PLNU.
 4. **Completion of the Major.** All major programs of study are sanctioned by the Point Loma faculty and listed in detail in this *Catalog*. Of the units completed in a major, at least 24 must be taken at the upper-division level (numbered 300 and above). In addition, a minimum of one-half of the upper-division units in the major must be completed in residence. A 2.000 cumulative grade-point average is required for all academic majors. An academic minor, though available in various academic areas, is not a requirement for graduation.
 5. **Residency.** Candidates for the baccalaureate degree must be in residence during the final 24 units applied toward the degree. A minimum of one-half of the upper-division units in the major also must be taken in residence.

Completion of All Requirements. Commencement convocation is once a year at the close of the spring semester. All work taken toward a degree must be completed in full before a student can participate in commencement ceremonies. Likewise, the awarding of a diploma is dependent on clearance by a variety of university offices and services, such as Residential Life, Student Accounts, and Ryan Library. Degrees are posted in the semester of final registration and/or completion of final requirements. The university does not guarantee the awarding of a degree.

Students petitioning to be allowed to participate in the annual commencement convocation and complete their graduation requirements in the final summer session may not be deficient by more than 12 units. A completed application for summer graduation must be filed with the Office of Records including an action plan that is a binding contract of work to be completed. Approval by the Vice Provost for Academic Affairs and fee payment constitute final approval.

Graduation Fees. All students eligible for graduation are charged a fee. This fee is applied to the student's account and is non-refundable. The fee is charged regardless of whether the student participates in the commencement ceremonies or is not currently studying in residence. Students who find it necessary to file an Application for Summer Graduation pay a special fee. This fee is refundable only if all requirements are met satisfactorily by the conclusion of the summer, according to the application agreement as approved by the Vice Provost for Academic Administration, and are eligible for posting on schedule by the Office of Records.

Final Clearance. In order to receive final approval for participation in commencement activities, students must resolve any outstanding charges of fees or misconduct. The university does not guarantee the awarding of a diploma or degree.

BACHELOR OF SCIENCE IN NURSING DEGREE

The requirements for the Bachelor of Science in Nursing (B.S.N.) degree are the same as for the other baccalaureate degrees except that no foreign language is required and students may choose between a second literature course or a philosophy course. A larger concentration of work is required in the Nursing

major.

SECOND BACCALAUREATE DEGREE

A second baccalaureate degree may be earned at Point Loma Nazarene University. After applying for re-admission, a minimum of 32 units must be completed. Twenty-four of these units must be taken at the 300 level or above. A minimum of 24 units must be earned in the new major, with no duplication of units from a previous major. Twenty-four units must be taken in residence at PLNU. All general education (if different from first degree), the additional major, and specific academic major requirements for the second degree must be met. Second degree candidates are eligible for honors at graduation and for the Dean's List but not for membership in Phi Delta Lambda. The second baccalaureate degree is distinguished from multiple majors within a first degree.

GRADUATION HONORS

Honoris Causa. The university occasionally grants honorary degrees to worthy recipients, as recommended by the President to the Board of Trustees.

Graduation with Honors. The university confers unofficial honors during the commencement ceremony calculated on the residential grade-point average (GPA earned at PLNU) and based on a minimum of 48 residential units earned by the conclusion of the fall semester. Official honors, however, require a minimum of 48 residential units after all course work has been completed for the degree. Honors are noted on the diploma as **Summa cum Laude** (highest honors), 3.900 and above; **Magna cum Laude** (high honors), 3.700 to 3.899; and **Cum Laude** (honors), 3.500 to 3.699. Final official honors are based on the student's residential grade-point average. However, in every case, students who receive honors must have a minimum cumulative grade-point average of 3.500, including all transfer work. Study Abroad grades are not included in this calculation (students may contact the Office of Records for clarification).

THE HONORS SCHOLARS PROGRAM

Special recognition is given to successful scholars during commencement ceremonies, on diplomas, and official transcripts of record. Criteria, qualifications, and procedures are available in the Deans' Center. Eligibility requirements include a minimum 3.500 GPA. See "Honors Scholars Program" in this *Catalog*.

ACADEMIC POLICIES

The student is ultimately responsible for the fulfillment of all requirements for graduation in the *Catalog* in effect at initial enrollment. Those who opt for a subsequent *Catalog*, however, must notify the Office of Records and meet all requirements in that *Catalog*. Students who have not been registered for three or more regular semesters come under the *Catalog* in effect at the time of re-entry.

Course Load

The normal academic course load is 15-17 units per semester, including any concurrent units on another campus. Students on academic probation are limited to 13 units per semester (a total of 9 in the summer). If a student in good academic standing finds it necessary to carry a load greater than the normal load, the maximum number allowed is determined by the student's grade-point average. Students may, in consultation with the Vice Provost for Academic Administration, assume a course overload according to the following table:

Minimum GPA	Maximum Load
2.500	18 units
2.750	19 units
3.000	20 units

One semester unit represents an hour of class per week. Three hours of laboratory are equivalent to one hour of class. Two hours of preparation are normal for each hour of class. Transfer work on the quarter system converts as three units equal to two semester units.

Transcripts

A complete and official transcript is available at the Office of Records upon graduation or withdrawal. Requests for transcripts must be in writing. Transcripts may not be released to anyone other than the student except by written authorization. Unofficial transcripts are available at the Office of Records as well as on the Web. Expedited processing of transcripts is available for a fee.

Academic Calendar

The academic year at PLNU is divided into fall and spring semesters of 16 weeks, followed by two summer sessions. A complete listing of important dates is found in the *Catalog* as well as on the Web. In addition, the university posts on its Web site several class schedules during the year that contain information about course offerings, tuition and fees, and other details pertinent to these terms of study.

Class Schedules

All class schedules are posted on the Web. The schedule of classes, complete with final examination times, is available each spring for the following year's classes. Also, in the spring a Summer Sessions schedule of classes is posted. The university reserves the right to cancel any class with fewer than ten students and make necessary changes in its schedule and programs.

Academic Honesty

The Point Loma Nazarene University community holds the highest standards of honesty and integrity in all aspects of university life. Academic honesty and integrity are strong values among faculty and students alike. Any violation of the university's commitment is a serious affront to the very nature of Point Loma's mission and purpose.

Academic dishonesty is the act of presenting information, ideas, and/or concepts as one's own when in reality they are the results of another person's creativity and effort. Such acts include plagiarism, copying of class assignments, and copying or other fraudulent behavior on examinations.

A faculty member who believes a situation involving academic dishonesty has been detected may assign a failing grade for a) that particular assignment or examination, and/or b) the course. The faculty member will file with the appropriate dean and the department chair a written report of the incident and the action taken. The college dean, after an examination of the event, will submit a report to the Provost and the Vice President for Student Development. If either of these administrators believes other disciplinary action should be taken, consultation between the faculty member and the administrators will determine the resulting discipline.

The student or students involved in the academic dishonesty may appeal the action by talking first to the department chair, then, if necessary, to the college dean, and finally to a committee of the following: a college dean of the student's choice, the Vice Provost for Academic Administration, the Provost, and the Vice President for Student Development. The appeal decision reached by this committee is final. If a grade of "F" is received in a course due to academic dishonesty, the student may not withdraw from the course nor can the course be dropped to remove the "F" grade.

Class Attendance

Regular and punctual attendance at all classes in which a student is registered is considered essential to optimum academic achievement. Therefore, regular attendance and participation in each course are minimal requirements to be met. There are no allowed or excused absences except when absences are necessitated by certain university-sponsored activities and are approved in writing by the Provost.

Whenever the number of accumulated absences in a class, for any cause, exceeds ten percent of classes (this is equivalent to one and one-half weeks or longer in a 16-week semester course), the faculty member has the option of filing a written report to the Vice Provost for Academic Administration which may result in de-enrollment, pending any resolution of the excessive absences between the faculty member and the student. If more than 20 percent (three weeks or longer in a semester-long course) is reported as missed, the faculty member may initiate the student's de-enrollment from the course without advance notice to the student. If the date of de-enrollment is past the last date to withdraw from a class, the student will be assigned a grade of "F" or "NC." There are no refunds for courses where a de-enrollment was processed.

Absences are counted from the first official meeting of the class regardless of the date of the student's enrollment. A student who registers late must monitor carefully regular attendance during the remainder of the semester. Registered students who neither attend the first class session nor inform the faculty of their desire to remain on the class roll may, at the request of the instructor, be dropped from the roll.

Exceptions to the foregoing attendance regulations due to extenuating circumstances may be granted only by appeal to the Vice Provost for Academic Administration. Students are responsible to consult the syllabus of each course for specific applications of and elaborations on the above attendance policy.

NOTE: Ultimately, students are solely responsible for their registrations and any financial implications.

Examinations and Reports

Examinations may be deferred due only to illness or because of other equally valid conditions over which the student has no control. Faculty report to administration as early as possible any student who, for any reason, is in danger of failing a course. Those students whose work is falling below a "C" average are referred to the Academic Support Center. Mid-semester grades are made available to students, and grades of "D" and "F" are reported to the Vice Provost for Academic Administration and the Director of Academic Advising for follow-up interventions.

Grading

Letter grades (A, B, C, D, F) including plus and minus grades are used to indicate the level of scholarship earned for each course. Once the degree has been posted on the student's official transcript, no change of grade action is allowed.

[CR] CREDIT

The grade utilized for designated courses which are graded only on a Credit/No Credit basis. Courses graded Credit are counted toward a student's total number of units but have no grade-point value and no effect on the grade-point average. The "CR" grade is also assigned to units earned through Advanced Placement (AP). This grade cannot be used for on-line courses completed after matriculation at Point Loma.

[NC] NO CREDIT

The grade recorded when non-passing work (a failing grade) is done in a course by a non-transfer student during the first semester of the freshman year. A maximum of 12 units, excluding Advanced Placement (AP) credits that may technically change the student's classification to sophomore standing, may be assigned a grade of "NC" during the first semester of the freshman year at PLNU. Transfer students who have earned more than 12 units at another college or university, and LEAP students entering with conditional status, are not eligible for the provision of the "NC" grade. This grade is also recorded for all non-passing work in those courses graded on a Credit/No Credit basis and for those courses taken on a Credit/No-Credit basis. The "NC" grade has no grade-point value, has no effect on the grade-point average, and yields no earned credits. This grade cannot be used for on-line courses completed after matriculation at Point Loma.

[F] FAILURE

The grade given for unsatisfactory performance in a course where an "NC" is not applicable. If the course taken at this university is repeated here, the "F" remains on the permanent record, but only the higher grade earned for the course is computed in determining the grade-point average. See "Repeated Courses."

[H] AUDIT

The grade assigned when a course is taken as an audit course. Audit courses do not count as units or as grade points. Tutorial or special fee classes, such as private lessons, may not be audited.

[I] INCOMPLETE

A grade of Incomplete is given for work which has been completed partially in a satisfactory manner, but

which, for valid reasons such as illness or death in the family, is not finished. The grade of "I" is to be given only on the basis of extraordinary circumstances clearly beyond the student's control.

The grade of "I" is regarded as a deficiency grade and may be removed by the assignment of additional work to make up the deficiency; or, in cases where the "incomplete" is assigned because of inability to take a final examination, by a special examination. A grade of "I" must be made up, if at all, by the end of the next regular semester. Until made up, a grade of "I" is considered as "F" in determining the student's grade-point average, and eligibility for financial assistance and intercollegiate competition.

[IP] IN PROGRESS

A provisional grade used in certain courses which may extend longer than a semester (for a complete list of courses approved for the IP grade, students should contact the Office of Records). The grade of "IP" carries no grade points, and is replaced by the letter grade earned when the requirements for the course are properly completed. A grade of "IP" must be changed at the end of the next regular semester (summer is not a regular semester). If the course is not completed, the "IP" will be changed to an "F."

[P] PASS

The grade given when a passing grade is earned in an elective course selected by the student for grading on a Pass/No-Credit basis. See Pass/No-Credit Option.

[W] WITHDRAWN

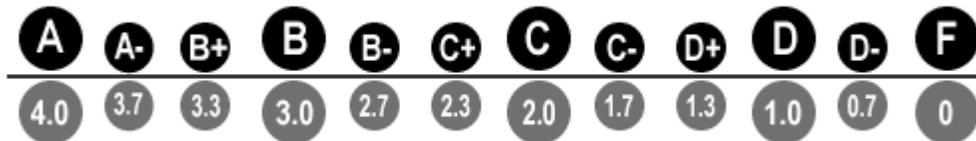
This grade is recorded when a student doing passing work is given permission by the Vice Provost for Academic Administration to drop a course after the deadline to drop classes. **Withdrawal from a course past the deadline is only possible due to personal and family emergencies beyond the student's control.**

[WF] WITHDRAWN UNDER FAILING CONDITIONS

This grade is recorded when a student officially withdraws from a course after the last date to drop and when the work is below passing at the time. A grade of "WF" is considered the same as an "F" in calculating the grade-point average.

GRADE POINTS

Letter grades are converted to numerical equivalents for computation according to the following scale:



The grade-point average is computed for each student. A satisfactory grade-point average is necessary for continuance and for graduation.

Non-Traditional Delivery Credits

Credit earned through non-traditional delivery systems after matriculation to Point Loma Nazarene University must be approved in advance. All petitions for such credit must certify that 1) the institution offering the non-traditional course fully recognizes its own course at that institution, 2) the appropriate academic department or school at PLNU assures the content equivalency and transferability of the course, and 3) there is final approval of the Vice Provost for Academic Administration. In no case shall the number of units for these courses exceed 12 over the student's total degree program. On-line courses cannot be taken on a Credit/No Credit basis regardless of their program (major or minor) or general education applicability.

Pass/No-Credit Option

An undergraduate student may elect to take a course on a Pass/No-Credit basis under the following circumstances:

- Completion of at least 24 semester units;
- Not more than one such course per semester;
- A maximum of 12 units toward graduation to be elected for such courses;
- The course selected must be an elective—not applied toward a requirement, or a required professional course (for credential); and
- The student must indicate the "Credit/No-Credit" election by the last day to add classes, with the approval of the student's academic advisor, and may not change the basis of registration for this course thereafter.

This option is not available for courses taken by on-line delivery, after matriculation at Point Loma.

Course Grade Appeal

It is the responsibility of the faculty to evaluate student performance and assign grades. The university has

established a course grade appeal policy, however, that may be used when a student believes the syllabus was not followed in the grade calculation or if it is thought that grading was done in a capricious and arbitrary manner. The appeal policy does not include student dissatisfaction with a grade based on the faculty member's professional judgment. A Course Grade Appeal Form is available from the Vice Provost for Academic Administration and must be filed within one year from the end of the course in which the grade was given.

Transfer from Non-Accredited Institutions

Normally, units presented in transfer from an institution that is not accredited by one of the major regional agencies are not accepted, including Bible colleges and proprietary schools. Students may petition a limited number of such courses, not to exceed 24 semester units, by the established petition process to the appropriate academic department and schools, through the Vice Provost for Academic Administration. Petitions are accepted for consideration only after satisfactory completion (2.000 or higher) of at least 12 units at PLNU.

Repeated Courses

Courses passed with a "C" or above may not be repeated (except for certain courses so designated). However, students desiring to raise an unsatisfactory grade (any grade lower than "C") in a course taken at this University may repeat the course. If this is done, each grade will appear on the transcript but the lower grade (only one) will not be used for grade-point calculations.

If a PLNU course graded with a "C-" or lower is repeated successfully at another institution (higher than a grade of "F"), the PLNU units are added to the unit total that is required for graduation. A notation on the transcript of record states that the repeated units are not applied to graduation totals.

Students receiving veterans benefits may not be eligible for benefits when repeating courses. Further information regarding authorization of benefits for repeated courses may be obtained in the Student Accounts Office.

Classification of Students

Regular undergraduate students are those who pursue, or are entitled to pursue, one of the regular programs leading to graduation with the bachelor's degree.

Part-time undergraduates are those who, for adequate reasons, are permitted to register for fewer than 12 units per semester.

Special students are those who take elective courses not leading to a degree. The classification for undergraduate students is as follows:

FRESHMAN	0-24 units
SOPHOMORE	25-56 units
JUNIOR	57-88 units
SENIOR	89 units

Academic Standing

NORMAL PROGRESS

At the conclusion of the fall and spring semesters, the academic progress of all undergraduate students is reviewed by the Vice Provost for Academic Administration. Those who maintain the minimum required grade-point average are in satisfactory scholastic standing and as such are making progress toward a degree. To remain free of academic probation, students must earn a minimum cumulative 2.000 grade-point average. During their first semester of academic work, first-time freshmen must earn at least a 1.800 GPA, regardless of the number of units taken.

UNSATISFACTORY PROGRESS

Point Loma takes seriously a student's inability to make satisfactory progress toward the goal of a degree. The university works with students placed on academic probation to create links between them, faculty advisors, the Office of Student Development, and other support programs. Policies concerning students on academic probation are administered by the Vice Provost for Academic Administration.

Note: *Students who receive federal, state, or veterans aid must meet certain qualitative and quantitative standards of academic progress. As a result, it may be possible for a student to be on academic probation at the university but be ineligible for federal, state and veterans aid. Additional information on PLNU's financial aid satisfactory progress policy is available in the PLNU Student Financial Services Office.*

ACADEMIC WARNING

Students whose semester or session GPA is below acceptable standards receive a letter of Academic Warning.

ACADEMIC PROBATION ALERT

Students whose cumulative GPA meets the minimum standard for academic good standing, but whose session GPA for two consecutive regular semesters falls below 2.000, are placed on alert status. While not technically on academic probation, these students are under the strict supervision of the Office of the Vice Provost for Academic Administration and are limited to a total of 13 units during the probationary period.

ACADEMIC PROBATION

Students whose cumulative GPA falls below minimum standards are placed on Academic Probation. Students on probation are required to carry a restricted course load of 13 units (a total of 9 in the summer). Probationary students who fail to earn a 2.000 session GPA the following semester are disqualified from continuing at the university. Students who are on academic probation, or those who are not cleared by the Office of the Dean of Students, are not eligible to participate in study abroad programs.

CONTINUANCE ON ACADEMIC PROBATION

Students who are on probation and earn at least a 2.000 during the current session, but whose cumulative GPA is below 2.000, may be continued on academic probation. These students are under the strict supervision of the Office of the Vice Provost for Academic Administration.

ACADEMIC DISQUALIFICATION

Students who are disqualified to continue at the university may not apply for re-admission until after at least one regular semester. In order to be considered for re-admission, they must file an official transcript showing a GPA of 2.000 or higher.

VETERANS AND PROGRESS TOWARD A DEGREE

Any students receiving veterans benefits who fail to maintain normal progress because of attendance, poor grades, or by reduction of course load are responsible for notifying the Student Financial Services Office so that it may notify the Veterans Administration. If withdrawal from the University occurs, veterans' benefits will be terminated as of the date of termination of enrollment. Grades of "NC" and "F" are reported to the Veterans Administration, and the student may be liable for repayment of benefits received.

ATHLETIC ELIGIBILITY

Academic performance must be adequate in order for athletes to participate in intercollegiate athletics. A faculty athletic representative certifies the eligibility of each player, and coaches ensure that only eligible students participate. Athletic eligibility conforms to NAIA policies.

WITHDRAWAL FROM THE UNIVERSITY

Any student who has no unpaid accounts or charges of misconduct is entitled to an honorable withdrawal. In such cases a grade of "W" is given in those courses where the work was of passing grade at the time of withdrawal. For unsatisfactory work a grade of "WF" is given. A student withdrawing without permission is given a grade of "F" with the notation of withdrawal without permission. If there are no unpaid accounts, a transcript of record with a statement of academic status may be sent to another institution upon request.

Registration Limitations

CONCURRENT ENROLLMENT

A registered student may not transfer credit for a course taken concurrently at another institution if a similar course is offered at the university at any time during the academic year except by prior approval of the Vice Provost for Academic Administration. Forms for such transfer of credit are available in the Office of Records. Course approvals are highly recommended for work taken during the summer while the student is not in attendance at this university. In computing a student's maximum load, all courses being taken are considered.

TRANSFER LIMITATIONS

A combined maximum of 70 units may be transferred to PLNU from the following sources: community colleges, AP, CLEP, and IB. All such courses are, by definition, lower-division level.

CURRICULAR EXCEPTIONS

Any petitions for academic exceptions to stated *Catalog* requirements and policies must be presented to the Vice Provost for Academic Administration. A petition which is denied may be appealed to the Academic Policies Committee, whose ruling is final.

Transferring Units while Enrolled at the University

After matriculation at PLNU, students who wish to augment their experience with coursework from another accredited institution must obtain written approval from the Office of Records prior to registering. In this process, coursework designed to meet PLNU requirements in the academic major requires additional approval of the respective department chair or school dean.

Academic Honors

DEAN'S LIST

Each semester the Office of the President recognizes honor students who have achieved a grade-point average of 3.500 or higher in at least 12 units of work during the previous semester. The Dean's List is

posted on the university Web site.

ART AND DESIGN

Purposes

Through the making of art and the study of art history, criticism and aesthetics, the department seeks to:

- Develop proficiencies in the studio and design arts.
- Advance visual literacy through the study of art history, art criticism and aesthetics.
- Promote the cultural, intellectual, spiritual, and aesthetic life of students and the university.
- Prepare students for art-related careers or graduate study.

Tradition of Excellence

The Department of Art and Design considers the visual arts to be an essential means of communicating societal values, images, and identities. The program builds on the university's liberal arts foundation of general education. Students explore relationships between the art disciplines, and build connections with other academic fields. Studies in traditional, non-traditional, western, and non-western art forms encourage students to develop a broad understanding of the visual arts.

The Department of Art and Design offers three majors – Visual Arts, Art Education, and Graphic Design. In all majors a core of foundation courses lead to advanced studies in the discipline. Independent studies and study abroad programs are available, as well as internships in local museums and art and design-related businesses. The Keller Gallery program includes both professional and student exhibitions. A visiting artist program provides bridges into the professional community of practicing artists. Students also benefit from the university's proximity to the arts community and prominent art museums, galleries and collections in San Diego, Los Angeles, and Baja California, Mexico.

Career Opportunities

Alumni from the Department of Art and Design have earned advanced degrees from some of the top graduate programs in the country while others have achieved professional careers in art-related fields: fine arts, graphic design, web design, publishing, museum and gallery work, arts management, and art education.

Majors

Art Education (Art Subject Matter Program)

Graphic Design

Concentrations

- Advertising
- Art and Design
- Editorial
- Illustration

Visual Arts

Concentrations

- Drawing/Painting/Printmaking
- Sculpture
- Photography

Minor

Art Minor

Courses

Faculty

David A. Adey, M.F.A.
Cranbrook Academy of Art

Eugene E. Harris, M.A.
San Diego State University

Karen J. Sangren, Ph.D.
University of Oregon

James S. Skalman, M.F.A., Chair
University of North Carolina, Chapel Hill

ART EDUCATION MAJOR

LOWER-DIVISION REQUIREMENTS

COURSE TITLE	UNITS
ART 103 Two-Dimensional Design	3
ART 104 Three-Dimensional Design	3
ART 115 Drawing I	3
ART 200 History of Art I*	3
ART 201 History of Art II*	3
ART 203 Graphic Design I	3
OR	
ART 206 Drawing II	
ART 210 Painting I	3
ART 215 Introduction to Computer Graphics	3
FCS 150 Human Development	3
One college transfer course in ceramics	3
TOTAL	30

UPPER-DIVISION REQUIREMENTS

COURSE TITLE	UNITS
EDU 304 Legal, Ethical, and Wesleyan Perspectives on Education	3
ART 319 Visual Arts in the Classroom I	3
OR	
ART 455 Visual Arts in the Classroom II (Art 455 recommended)	
ART 325 Topics in Non-Western Art	3
<i>Choose one art history course (3 units):</i>	
ART 304 Modern Art History	3
ART 305 Topics in Contemporary Art History	3
ART 335 Design History: Industrial Revolution to Contemporary Design	3
TOTAL	12

CONCENTRATIONS

GROUP A – VISUAL ARTS

CONCENTRATION

(Total 13 units):

Choose one two-course sequence (6 units):

COURSE TITLE	UNITS
ART 221 Photography I	3
ART 321 Photography II	3
OR	
ART 222 Sculpture I	3
ART 322 Sculpture II	3
OR	
ART 223 Printmaking I	3
ART 323 Printmaking II	3
OR	
ART 330 Illustration I or Drawing 345	3
ART 310 Painting II	3

TOTAL **6**

Capstone courses (7 units):

ART 390 Advanced Studio Practice 3

ART 466 Exhibition Preparation 3

ART 467 Senior Exhibition 1

TOTAL **7**

GROUP B – GRAPHIC DESIGN

CONCENTRATION

(Total: 12 units):

Two-course sequence (6 units):

COURSE TITLE **UNITS**

ART 303 Graphic Design II 3

ART 333 Graphic Design III 3

Capstone courses (6 units):

ART 472 Graphic Design Seminar 2

ART 468 Graphic Design Portfolio
Preparation 3

ART 469 Graphic Design Portfolio
Review 1

TOTAL **12**

*Meets the general education requirement in the Fine Arts.

GRAPHIC DESIGN MAJOR

Advertising Concentration

LOWER-DIVISION REQUIREMENTS

COURSE TITLE	UNITS
ART 103 Two-Dimensional Design	3
ART 104 Three-Dimensional Design	3
ART 115 Drawing I	3
ART 200 History of Art I*	3
ART 201 History of Art II*	3
ART 203 Graphic Design I: Visual Symbolism	3
ART 215 Introduction to Computer Graphics	3
ECO 102 Principles of Economics II*	3
ACC 201 Principles of Accounting OR	4
BUS 212 Principles of Management	
TOTAL	28

UPPER-DIVISION REQUIREMENTS

COURSE TITLE	UNITS
ART 304 Modern Art History OR	3
ART 305 Contemporary Art History	
ART 303 Graphic Design II: Typography	3
ART 333 Graphic Design III: Production and Practice	3
ART 335 Design History—Industrial Revolution to Contemporary	3
BUS 332 Principles of Marketing	4
BUS 336 Advert. and Promotion Management	4
ART 468 Graphic Design Portfolio Preparation	3
ART 469 Portfolio Review	1
ART 472 Graphic Design Seminar	2
TOTAL	26

Art and Design Concentration

LOWER-DIVISION REQUIREMENTS

COURSE TITLE	UNITS
ART 103 Two-Dimensional Design	3
ART 104 Three-Dimensional Design	3
ART 115 Drawing I	3
ART 200 History of Art I*	3
ART 201 History of Art II*	3
ART 203 Graphic Design I: Visual Symbolism	3
ART 210 Painting I	3
ART 215 Introduction to Computer Graphics	3
ART 221 Photography I	3

TOTAL **27**

UPPER-DIVISION REQUIREMENTS

COURSE TITLE	UNITS
ART 304 Modern Art History OR	3
ART 305 Contemporary Art History	
ART 303 Graphic Design II: Typography	3
ART 315 Introduction to Interactive/Web Applications	3
ART 333 Graphic Design III: Production and Practice	3
ART 335 Design History: Industrial Revolution to Contemporary	3
ART 450 Interactive/Web Design	3
ART 468 Graphic Design Portfolio Preparation	3
ART 469 Portfolio Review	1
ART 472 Graphic Design Seminar	2
TOTAL	24

Editorial Design Concentration

LOWER-DIVISION REQUIREMENTS

COURSE TITLE	UNITS
ART 103 Two-Dimensional Design	3
ART 104 Three-Dimensional Design	3
ART 115 Drawing I	3
ART 200 History of Art I*	3
ART 201 History of Art II*	3
ART 203 Graphic Design I: Visual Symbolism	3
ART 215 Introduction to Computer Graphics	3
ART 221 Photography I	3
WRI 250 Introduction to Journalism	3
TOTAL	27

UPPER-DIVISION REQUIREMENTS

COURSE TITLE	UNITS
ART 304 Modern Art History OR	3
ART 305 Contemporary Art History	
ART 303 Graphic Design II: Typography	3
ART 333 Graphic Design III: Production and Practice	3
ART 335 Design History: Industrial Revolution to Contemporary	3
WRI 330 Photojournalism	3
WRI 440 Magazine Editing and Concepts	3
ART 468 Graphic Design Portfolio Preparation	3
ART 469 Portfolio Review	1
ART 472 Graphic Design Seminar	2
TOTAL	24

Illustration Concentration

LOWER-DIVISION REQUIREMENTS

COURSE TITLE	UNITS
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ART 103	Two-Dimensional Design	3
ART 104	Three-Dimensional Design	3
ART 115	Drawing I	3
ART 200	History of Art I*	3
ART 201	History of Art II*	3
ART 203	Graphic Design I: Visual Symbolism	3
ART 210	Painting I	3
ART 215	Introduction to Computer Graphics	3
ART 223	Printmaking I	3
	TOTAL	27

UPPER DIVISION REQUIREMENTS

COURSE TITLE	UNITS
ART 303 Graphic Design II: Typography	3
ART 304 Modern Art History	3
OR	
ART 305 Contemporary Art History	
ART 330 Illustration I	3
ART 331 Illustration II	3
ART 333 Graphic Design III	3
ART 345 Life Drawing	3
ART 468 Graphic Design Portfolio Prep	3
ART 469 Portfolio Review	1
ART 472 Graphic Design Seminar	2
TOTAL	24

RECOMMENDED ELECTIVES

COURSE TITLE	UNITS
ART 221 Photography I	3
ART 310 Painting II	3
ART 323 Photography II	3
ART 326 Digital Photography	3
ART 335 Design History	3

* Meets general education requirement in the fine arts

VISUAL ARTS MAJOR

Drawing/Painting/Printmaking Concentration

LOWER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
ART 103	Two-Dimensional Design	3
ART 104	Three-Dimensional Design	3
ART 115	Drawing I	3
ART 200	History of Art I*	3
ART 201	History of Art II*	3
ART 206	Drawing II	3
ART 210	Painting I	3
ART 215	Intro. to Computer Graphics	3
ART 223	Printmaking I	3
	TOTAL	27

UPPER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
ART 304	Modern Art History	3
ART 305	Contemporary Art History	3
ART 323	Printmaking II	3
	OR	
ART 310	Painting II	
ART 345	Life Drawing	3
ART 390	Advanced Studio Practice	3
ART 420	Contemporary Studio Seminar	3
ART 466	Exhibition Preparation	3
ART 467	Senior Exhibition	1
	TOTAL	22

Sculpture Concentration

LOWER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
ART 103	Two-Dimensional Design	3
ART 104	Three-Dimensional Design	3
ART 115	Drawing I	3
ART 200	History of Art I*	3
ART 201	History of Art II*	3
ART 206	Drawing II	3
ART 215	Intro. to Computer Graphics	3
ART 222	Sculpture I	3

ELECTIVES (LOWER-DIVISION)

Choose one:

COURSE	TITLE	UNITS
ART 203	Graphic Design I: Visual Symbolism	3
ART 210	Painting I	3
ART 221	Photography I	3
ART 223	Printmaking I	3
TRE 270	Acting I	3

TOTAL **27**

UPPER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
ART 304	Modern Art History	3
ART 305	Contemporary Art History	3
ART 322	Sculpture II	3
ART 390	Advanced Studio Practice	3
ART 420	Contemporary Studio Seminar	3
ART 466	Exhibition Preparation	3
ART 467	Senior Exhibition	1

ELECTIVES (UPPER-DIVISION)

Choose three units from any upper-division art, design, or art history courses offered by the Department of Art and Design or:

COURSE	TITLE	UNITS
FCS 115	Fundamentals of Interior Design	2
FCS 320	Advanced Housing Environments	2
COM 195	Media Literacy	3
COM 300	Narrative and Documentary Film	3
TRE 270	Acting 1	3
TRE 304	Theatre History	3
TRE 354	Movement I	3
TRE 370	OR Acting II	
	TOTAL	22

Photography Concentration

LOWER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
ART 103	Two-Dimensional Design	3
ART 104	Three-Dimensional Design	3
ART 115	Drawing I	3
ART 200	History of Art I*	3
ART 201	History of Art II*	3
ART 206	Drawing II	3
ART 215	Introduction to Computer Graphics	3
ART 221	Photography I	3

ELECTIVES (LOWER-DIVISION)

Choose one:

ART 203	Graphic Design I: Visual Symbolism	3
ART 210	Painting I	3
ART 212	Sculpture I	3
ART 223	Printmaking I	3
	TOTAL	27

UPPER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
ART 304	Modern Art History	3
ART 305	Contemporary Art History	3
ART 321	Photography II	3
ART 326	Digital Photography	3
ART 390	Advanced Studio Practice	3
ART 420	Contemporary Studio Seminar	3
ART 466	Exhibition Preparation	3
ART 467	Senior Exhibition	1
	TOTAL	22

* Meets the general education requirement in the Fine Arts.

ART MINOR

REQUIRED

COURSE	TITLE	UNITS
ART 103	Two-Dimensional Design OR	3
ART 104	Three-Dimensional Design	
ART 115	Drawing I	3
ART 304	Modern Art History OR	3
ART 305	Topics in Contemporary Art History	
	TOTAL	9

Electives

Choose nine upper-division units from Studio and Graphic Design courses listed in the *Catalog*.

TOTAL **18**

NOTE: It is highly recommended that Art minors take either ART 200 or ART 201 to fulfill the general education requirement in the Fine Arts.

ART AND DESIGN COURSES

Lower-Division

ART 100 (2) INTRODUCTION TO ART–GE

An introductory art orientation course dealing with the philosophy of art, language of design, aesthetics, art criticism, and a basic understanding of the western and non-Western artistic heritage. Offered on a Quad basis.

ART 102 (3) FUNDAMENTALS OF ART–GE

Introductory course in the principles and elements of design as they apply to basic art skills and media, aesthetic awareness, art criticism, and applications in the fine, applied, and multicultural arts. Provides hands-on art experiences. This course does not count for Visual Arts or Graphic Design majors.

ART 103 (3) TWO-DIMENSIONAL DESIGN

Introduction to two-dimensional design theories and criticism. Exploration of art techniques and media used in two-dimensional compositions. Applications in non-Western art forms.

ART 104 (3) THREE-DIMENSIONAL DESIGN

Introduction to the practice of three-dimensional design, theories, and criticism. Emphasis on the formal aspects of design including composition, balance, and space. Applications to sculpture, architecture, and industrial design.

ART 115 (3) DRAWING I

Introduction to the materials, techniques, styles, historical influences, and compositional structures of drawing, with an emphasis on perceptual skills.

ART 200 (3) HISTORY OF ART I–GE

A survey of western and non-western art history and styles through the study and criticism of painting, sculpture, and architecture from ancient civilizations to the Renaissance period.

ART 201 (3) HISTORY OF ART II–GE

A survey of western and non-western art history and styles, from the Renaissance to the modern period. Offered every spring.

ART 203 (3) GRAPHIC DESIGN I: VISUAL SYMBOLISM

Introduction to visual form-making in graphic design through use of symbols, type, and imagery. Exploration of design applications, techniques, issues, and media fundamental to the graphic design profession.

Prerequisites: Art 103, 115, 215 or concurrent.

ART 206 (3) DRAWING II

Emphasizes the technical and expressive qualities of drawing as a finished work of art. Focus is given to aesthetic sensibilities, composition, and historical influences.

Prerequisite: Art 115.

ART 210 (3) PAINTING I

Introduction to the techniques, expressive qualities, and criticism of oil painting media.

Prerequisites: Art 103, 115.

ART 215 (3) INTRODUCTION TO COMPUTER GRAPHICS

Introductory experiences in the creation and production of computer-generated images. Includes the use of graphics software to combine image, text and technology; including Adobe Illustrator, Adobe InDesign and Adobe Photoshop.

Prerequisite: Art 103.

ART 221 (3) PHOTOGRAPHY I

Black and white photography, theory, history, and applied laboratory experiences.

Prerequisites: Art 102 or Art 103.

ART 222 (3) SCULPTURE I

Beginning sculpture techniques in a variety of media. Emphasis is on contemporary art approaches and issues.

Prerequisites: Art 104.

ART 223 (3) PRINTMAKING I

Processes and techniques of printmaking. Includes intaglio, relief, or planographic media.

Explores Western and non-Western influences on printmaking imagery and techniques.

Prerequisites: Art 103, 115.

Upper-Division

ART 303 (3) GRAPHIC DESIGN II: TYPOGRAPHY

Examination of typography as a design tool. Exploration of visual hierarchy, principles of contrast, verbal messages, and communicative models. Development of computer skills used in the production of graphic forms.

Prerequisites: Art 103, 115, 203, 215.

ART 304 (3) MODERN ART HISTORY

Studies of modern art movements from the middle of the 19th century through the middle of the 20th century. Includes applications to art criticism, aesthetics, and non-Western influences on modern art.

Prerequisites: Art 200 or Art 201.

ART 305 (3) CONTEMPORARY ART HISTORY

Exploration of contemporary art with reference to historical developments from the mid-20th century to the present. Aesthetics, criticism, gender issues, and non-Western influences are also explored.

Prerequisites: Art 200 or Art 201.

ART 310 (3) PAINTING II

Further development of painting skills in oil and other media with emphasis on conceptual development and personal expression. Western and non-Western influences on painting styles are explored.

Prerequisites: Art 103, 115, 210.

ART 315 (3) INTRODUCTION TO INTERACTIVE/WEB APPLICATIONS

Introduction to the use of the computer as a tool for designing interactive media. Includes the use of multimedia software to design for the World Wide Web, CD-ROMs and other interactive media.

Prerequisites: Art 103, 215.

ART 319 (3) VISUAL ARTS IN THE CLASSROOM I

Theory and practice in the teaching of the visual arts in early education through middle school years. Content is designed to meet expectations of the California Visual and Performing Arts Framework and California Visual Arts Standards.

Prerequisite: Junior standing (Art 100 or 102 and Education 304 recommended).

ART 320 (2) CONTEMPORARY HOUSING ENVIRONMENTS

Planning the total home environment. Housing and interior design from a non-technical basis. This course offers credit in programs housed in the Department of Family and Consumer Sciences or the Department of Art and Design.

Prerequisites: Family and Consumer Sciences 115 OR Art 103 and 104.

ART 321 (3) PHOTOGRAPHY II

Intermediate darkroom and photography experiences. Emphasis on photography as fine art expression through innovative techniques.

Prerequisites: Art 102 or 103, 221.

ART 322 (3) SCULPTURE II

Intermediate level sculptural techniques using three-dimensional media.

Prerequisites: Art 103, 104, 115, 312.

ART 323 (3) PRINTMAKING II

Intermediate experiences in a range of printmaking techniques including drypoint, intaglio, woodblock, collograph, or silk screen.

Prerequisites: Art 103, 115, 206, 223.

ART 325 (3) TOPICS IN NON-WESTERN ART

Field-based studies in non-Western visual art forms. Students conduct research in non-Western art history under the direction of a member of the Art faculty. Students also participate in 3 hours per week of field work assignments at local art museums and institutions with non-Western art collections.

ART 326 (3) DIGITAL PHOTOGRAPHY

Advanced studies in photography using digital technologies with attention to concept and development and contemporary experimental methods.

Prerequisite: Art 221.

ART 330 (3) ILLUSTRATION I

An introductory course in illustration with an emphasis on concept, individual expression, and the development of technical skills in a variety of media. Students focus on the process of taking a project from thumbnails and roughs, through to finished art. Students are exposed to a variety of areas of illustration: advertising, editorial, institutional, and corporate.

Course prerequisites: Art 103, 115, 215, 345.

ART 331 (3) ILLUSTRATION II

Advanced course in illustration with an emphasis on the continuing development of a personal visual vocabulary, the sharpening of conceptual skills and the development of technical abilities in traditional and digital media. Students strengthen and enhance portfolio content, increase their awareness of current trends in contemporary illustration, as well as learn the professional aspect of illustration including working with clients and an art director, reproduction requirements and professional practices.

Prerequisites: Art 103, 115, 215, 230.

ART 333 (3) GRAPHIC DESIGN III: PRODUCTION AND PRACTICE

Advanced applications of graphic design. Complex design projects, professional level assignments, and critical analysis of design problems. Development of advanced production techniques.

Prerequisites: Art 103, 115, 203, 303.

ART 335 (3) DESIGN HISTORY: INDUSTRIAL REVOLUTION TO CONTEMPORARY DESIGN

An examination of the history, process and practice of design from the late 19th century to the new millennium. Objects, designers, history and culture which led to the birth of the profession of design are addressed along with its sources in art, architecture, science, and industry.

ART 341 (3) PHILOSOPHY OF ART

Classical and recent theories of beauty and art, with selected coverage of such concepts as aesthetics, expression, representation, and criticism.

Prerequisite: Philosophy 201.

ART 345 (3) LIFE DRAWING

Advanced procedures applied to drawing the human figure. Emphasis on contemporary and traditional styles, techniques in a variety of media, human anatomy, and historical influences.

Prerequisite: Art 115.

ART 390 (3) ADVANCED STUDIO PRACTICE

An advanced level studio course for students working in any medium. Emphasis is placed on contemporary art strategies, and theoretical issues. This course is required for all Visual Arts majors.

Prerequisites: One of the following: Art 307, 310, 321, 322, 323, or consent of instructor. May be repeated once for credit.

ART 420 (3) CONTEMPORARY STUDIO SEMINAR

An advanced level seminar. Exploration of contemporary art media, critical and theoretical issues, including multi-cultural, and gender influences. Also addresses professional strategies and practices. This course is required for all Visual Arts majors.

Prerequisites: one of the following: Art 307, 210, 221, 222, 223, 390, and Junior standing.

ART 440 (1) INDEPENDENT STUDIES IN ART

Private art lessons in advanced studio art or graphic design experiences. May be repeated for credit.

Prerequisite: Consent of instructor.

ART 450 (3) INTERACTIVE/WEB DESIGN

Advanced experiences in graphic design concepts and technologies. Concentration on theories of interactivity, and the use of multimedia computer applications to design interactive and Web media.

Prerequisites: Art 315.

ART 455 (3) VISUAL ARTS IN THE CLASSROOM II

Theory and practice in the teaching of the visual arts in the schools. Content is designed to meet expectations of the California Visual Arts Standards and focuses primarily on middle through high school levels. Each student is required to prepare a final portfolio of the semester's work. Students are required to spend a minimum of 16 hours of observation time in a public school art classroom during the semester.

Prerequisites: Senior standing, Education 304 (or co-requisite), 3 upper-division Art courses.

ART 466 (3) SENIOR STUDIO EXHIBITION PREPARATION

Preparation for the Senior Exhibition for Visual Arts majors.

Prerequisites: Completion of, or concurrent enrollment in Art 390, 420.

ART 467 (1) SENIOR STUDIO EXHIBITION

Visual Arts majors complete the Senior Studio Exhibition under the guidance of faculty. All exhibitions take place in the Keller or Cabrillo galleries during the semester immediately prior to graduation. All exhibitions must be reviewed by a panel of faculty and art professionals.

Prerequisites: Art 466.

ART 468 (3) GRAPHIC DESIGN PORTFOLIO PREPARATION

Preparation for the Portfolio Review for Graphic Design majors.

Prerequisites: Art 333, senior standing.

ART 469 (1) GRAPHIC DESIGN PORTFOLIO REVIEW

Graphic Design majors complete the Graphic Design Portfolio Review under the guidance of faculty. All reviews take place during the semester immediately prior to graduation. All portfolios must be reviewed by a panel of faculty and art professionals.

Prerequisites: Art 468.

ART 470 (1-3) INTERNSHIP IN ART

Students observe and participate in art-related professional settings under qualified supervisors. May be repeated for a maximum of six units. Graded Credit/No Credit.

Prerequisite: Consent of instructor.

ART 472 (2) GRAPHIC DESIGN SEMINAR

Exploration of contemporary design issues through reading, research and group discussions. Introduction to basic business practices relevant to the graphic designer—estimating projects, creating invoices, scheduling, promotion, resumes, and self-promotion.

Prerequisites: Art 333.

ART 490 (1-3) SPECIAL STUDIES IN ART

Studies in selected art topics by advanced art or graphic communications students. Offered in small group seminar format or independent study. May be repeated for a maximum of six units.

Prerequisite: Consent of department chair.

BIOLOGY

Purposes

The objectives of the Biology department coincide with the Point Loma Nazarene University mission summarized in the phrase: *To Teach, To Shape, To Send*.

To Teach: The department's commitment is to provide students the opportunity to build a broad foundation in the major disciplines of Biology, in the process of science skills, and in the critical thinking/quantitative skills that are required to apply their education to real world settings.

To Shape: In addition to the formal academic interactions, each student has opportunities to enter into mentoring relationships with department faculty through advising, lab assisting, research experiences, and departmental social functions. In these contexts, students can expect to dialogue about issues relating to their own personal and professional goals, the interface between the field of biology and society, and the relationship between faith and science.

To Send: The graduates of the Biology department will be able to apply both their faith and education in biology-related professions such as medicine, allied health fields, education, or industry. They will feel confident that they have been well prepared to contribute in a positive way in these fields, and society in general.

Tradition of Excellence

The Department of Biology is dedicated to the success of the students, and offers a wealth of opportunities for students who are interested in pursuing work in science related fields. For students whose interests and academic needs lie in both biology and chemistry, an interdepartmental major in Biology-Chemistry has been designed to prepare students for biochemistry, immunology, molecular biology, pharmacology, physiology, medicine, and dentistry. Biology students have the opportunity to work side-by-side with professors doing faculty-assisted research projects, and may become co-authors on scholarly papers in national and international scientific journals. Many students present research at various science conferences. Students also have access to sophisticated instrumentation and computational resources for use in science courses and research labs.

All of these opportunities have been given to students through the help of numerous grants from governmental agencies such as the National Institutes of Health and the National Science Foundation, various private organizations including the Howard Hughes Medical Institute, cooperation from university administration, and strong financial backing by Biology and Chemistry alumni. Since 1977, alumni of the Department of Biology have contributed an average of more than \$12,000 per year in support of science instruction and research programs. Career Opportunities Students who graduate with a degree from the Department of Biology leave PLNU prepared for graduate schools or careers in industry. Over the last 25 years, approximately 80 percent of PLNU's applicants have gained acceptance to medical schools (roughly twice the national average); the acceptance rate for Biology and Chemistry students applying to graduate (M.A., M.S., and Ph.D.) and dental school programs is over 95 percent.

Majors

Biology

- Organismal
- Cell and Molecular

Biology-Chemistry
Environmental Science

Minors

Cell and Molecular Biology
Environmental Biology
Organismal Biology

Courses

Faculty

Dianne L. Anderson, Ph.D.
University of California, San Diego and San Diego State University

David E. Cummings, Ph.D.
University of Idaho

Robert C. Elson, Ph.D.
University of Cambridge, England

Darrel R. Falk, Ph.D., Chair
University of Alberta

Rebecca J. Flietstra, Ph.D.
University of Kansas Medical Center

Kerry D. Fulcher, Ph.D.
University of Idaho

April L. Maskiewicz, Ph.D.
University of California, San Diego, and San Diego State University

Michael R. McConnell, Ph.D.
Tufts University School of Medicine

Michael S. Mooring, Ph.D.
University of California, Davis

Dawne M. Page, Ph.D.
University of California, San Francisco

BIOLOGY MAJOR

Biology B.A.

LOWER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
<i>Biology:</i>		
BIO 210*	Cell Biology and Biochemistry	4
BIO 215*	Animal Biology	4
<i>Chemistry:</i>		
CHE 152*	General Chemistry I	4-5
CHE 153*	General Chemistry II	4
CHE 295*	Organic Chemistry	5
<i>Mathematics:</i>		
MTH 144*	Calculus with Applications	4
TOTAL		25-26

UPPER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
MTH 362	Calculus Based Statistics	2
BIO 300*	Bioinformatics	2
BIO 310	General Botany	3
BIO 345*	Genetics	4
BIO 350	Advanced Cell Biology	3
BIO 360	Ecology	3
BIO 380	Molecular Biology	3
BIO 420	Vertebrate Physiology	3
BIO 497*	Biology Seminar	1
TOTAL		24

Complete one of the following three options.

Track I - Organismal Emphasis-

Take Track I electives to a minimum of 8 units.

Track II - Cell and Molecular Emphasis-

Take Track II electives to a minimum of 9 units.

Track III - Individualized Emphasis-

Take one elective from Track I or one elective from Track II (minimum 3 units) plus a combination of two upper-division, non-GE courses from inside or outside of Biology approved by the department chair.

Track I Electives

COURSE	TITLE	UNITS
BIO 315	Microbiology	3
BIO 320	Marine Zoology	3
BIO 325	Insect Biology	3
BIO 330	Marine Invertebrate Zoology (Quad)	2
BIO 340	Field Biology (Quad)	2

BIO 370	Marine Plant and Microbial Life (Quad)	2
BIO 410*	Vertebrate Biology	3
BIO 430	Animal Behavior	3

Track II Electives

COURSE	TITLE	UNITS
BIO 315	Microbiology	3
BIO 390	Immunology	3
BIO 400	Developmental Biology	3
BIO 450	Advanced Biochemistry	4
BIO 470	Neuroscience	3
	Upper-division Elective Total	8-9
	Bachelor of Arts Total	58-60

Note: Courses with "*" are required by the State of California for the teacher education concentration in Life Sciences.

Biology B.S.

LOWER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
BIO 210*	Cell Biology and Biochemistry	4
BIO 215*	Animal Biology	4
CHE 152*	General Chemistry I	4-5
CHE 153*	General Chemistry II	4
CHE 295*	Organic Chemistry	5
MTH 144*	Calculus with Applications	4
PHY 141	General Physics I	4
PHY 142	General Physics II	4
	TOTAL	33-34

UPPER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
MTH 362	Calculus Based Statistics	2
BIO 300*	Bioinformatics	2
BIO 310	General Botany	3
BIO 345*	Genetics	4
BIO 350	Advanced Cell Biology	3
BIO 360	Ecology	3
BIO 380	Molecular Biology	3
BIO 420	Vertebrate Physiology	3
BIO 497*	Biology Seminar	1
	TOTAL	24

Complete one of the following two options.

Track I: Organismal Emphasis -

Take three Track I electives and one Track II elective (minimum 10 units).

Track II: Cell and Molecular Emphasis -

Take three Track II electives and one Track I elective (minimum 11 units).

Track I Electives

COURSE	TITLE	UNITS
BIO 315	Microbiology	3
BIO 320	Marine Zoology	3
BIO 325	Insect Biology	3
BIO 330	Marine Invertebrate Zoology (Quad)	2
BIO 340	Field Biology (Quad)	2
BIO 370	Marine Plant and Microbial Life (Quad)	2
BIO 410*	Vertebrate Biology	3
BIO 430	Animal Behavior	3
	Approved off-campus+	1-4

Track II Electives

COURSE	TITLE	UNITS
BIO 315	Microbiology	3
BIO 390	Immunology	3
BIO 400	Developmental Biology	3
BIO 450	Advanced Biochemistry	4
BIO 470	Neuroscience	3
	Approved off-campus+	1-4
	Upper-division Elective Total	10-11
	Bachelor of Science Total	68-70

Note: Courses with "*" are required by the State of California for the teacher education concentration in Life Sciences. Units marked with a "+" must be approved by the department chair in advance.

BIOLOGY-CHEMISTRY MAJOR

Biology-Chemistry B.S.

The interdepartmental major in Biology-Chemistry has been designed for those students whose academic needs and interests include both biology and chemistry. The major was instituted because a large segment of contemporary scientific investigation lies at the intersection of these two fields. Areas well served by this preparation include medicine, dentistry, and graduate disciplines such as biochemistry, physiology, and molecular biology. This major is a Bachelor of Science degree program.

LOWER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
BIO 210	Cell Biology and Biochemistry	4
BIO 215	Animal Biology	4
CHE 152	General Chemistry I	4
CHE 153	General Chemistry II	4
CHE 211	Analytical Chemistry	2
CHE 295	Organic Chemistry I	5
PHY 141	General Physics I	4, 4
	AND	
PHY 142	General Physics II	
	OR	
PHY 241	University Physics I	4, 4
	AND	
PHY 242	University Physics II	
MTH 144	Calculus with Applications	4
	TOTAL	35

UPPER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
BIO 345	Genetics	4
BIO 380	Molecular Biology	3
BIO 497	Biology Seminar	1
CHE 300	Organic Chemistry II	2
CHE 325	Physical Chemistry I	5
CHE 351	Organic Qualitative Analysis	2
CHE 466	Advanced Inorganic Chemistry	2
CHE 326	Physical Chemistry II	2
	OR	
CHE 370	Instrumental Analysis	
	OR	
CHE 453	Advanced Organic Chemistry	
BIO 450	Advanced Biochemistry	4
	OR	
CHE 450	Advanced Biochemistry	

Three courses from:

BIO 300	Biomathematics and Bioinformatics	2
BIO 315	Microbiology	3
BIO 350	Advanced Cell Biology	3
BIO 390	Immunology	3
BIO 400	Developmental Biology	3
BIO 420	Vertebrate Physiology	3
	TOTAL	34

ENVIRONMENTAL SCIENCE MAJOR

Environmental Science (B.S.)

LOWER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
<i>Biology:</i>		
BIO 102	Environment and People	4
BIO 105	OR Ecology and Conservation	
BIO 210	Cell Biology and Biochemistry	4
BIO 215	Animal Biology	4
<i>Chemistry:</i>		
CHE 151	General Chemistry Tutorial	1
CHE 152	General Chemistry I	4
CHE 153	General Chemistry II	4
CHE 211	Analytical Chemistry	2
CHE 295	Organic Chemistry I	5
<i>Mathematics:</i>		
MTH 144	Calculus with Applications	4
<i>Choose one sequence:</i>		8
<i>Physics</i>		
PHY 141-142	General Physics I-II	3
PHY 241-242	University Physics I-II	
<i>Choose one of three:</i>		3
<i>Sociology</i>		
SOC 201	Cultural Anthropology	
<i>Economics</i>		
ECO 101	Principles of Economics I	
ECO 102	Principles of Economics II	
TOTAL		43*

*Lower-division units = 47 if Political Science 230 is taken as one of "Other Related Electives" listed below.

UPPER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
BIO 345	Genetics	4
BIO 360	Ecology	3
BIO 497	Biology Seminar	1
CHE 370	Instrumental Analysis	2
MTH 362	Calculus Based Statistics	2
TOTAL		12

Upper-Division Electives

A minimum of 8 units of upper-division electives are required from approved environmental off-campus programs. Both departmental chairs (Biology and Chemistry) or their designees are responsible for approving all off-campus courses. At least one-half of upper-division units in the

major must be taken at PLNU.

Advanced Science Electives (8 units minimum)

One of more approved off-campus environmental course(s) may fulfill part or all of this requirement.

COURSE	TITLE	UNITS
BIO 310	General Botany	3
BIO 315	Microbiology	3
BIO 320	Marine Zoology	3
BIO 325	Insect Biology	3
BIO 330	Marine Invertebrate Zoology	2
BIO 340	Field Biology	2
BIO 370	Marine Plant and Microbial Life	2
BIO 410	Vertebrate Biology	3
BIO 420	Vertebrate Physiology	3
BIO 430	Animal Behavior	3
CHE 450/ BIO 450	Advanced Biochemistry	4
CHE 300	Organic Chemistry II (offered as a Quad course)	2
CHE 325	Physical Chemistry I	5
CHE 351	Organic Qualitative Analysis	2
CHE 466	Advanced Inorganic Chemistry	2
CHE 475	Special Topics in Chemistry	2

Other Related Electives (9 units minimum)

Students can customize their degree by taking any combination of courses from the two categories below. One or more approved off-campus environmental course(s) may fulfill part or all of this requirement.

Methodology

COURSE	TITLE	UNITS
CHE 490	Internship in Chemistry	1-3
CHE 499	Research in Chemistry	1-3
BIO 490	Internship in Biology	1-3
BIO 499	Research in Biology	1-3

Public Policy and Stewardship

POL 230	Introduction to International Relations	4
POL 394	Governments and Politics of the Global South	4
POL 441	Issues in Public Policy	4
PHL 451	Religion and Science	3
	Upper-Division Elective Total	17

Bachelor of Science Total 72*

**14 units meet general education requirements*

CELL AND MOLECULAR BIOLOGY MINOR

Cell and Molecular Biology

REQUIRED

COURSE	TITLE	UNITS
BIO 210	Cell Biology and Biochemistry	4
BIO 215	Animal Biology	4
BIO 345	Genetics	4
CHE 152	General Chemistry I	4
CHE 151	Chemistry Tutorial (can test out with good math background)	1

Nine units from the following electives:

BIO 380	Molecular Biology	3
BIO 300	Bioinformatics	2
BIO 350	Advanced Cell Biology	3
BIO 315	Microbiology	3
BIO 370	Neuroscience	3
BIO 390	Immunology	3
BIO 400	Developmental Biology	3
	TOTAL	25

ENVIRONMENTAL BIOLOGY MINOR

Environmental Biology

REQUIRED

LOWER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
BIO 102	Environment and People* OR	
BIO 105	Ecology and Conservation *	4
BIO 215	Animal Biology	4
CHE 101	Chemistry and Society* OR	4
CHE 151	General Chemistry Tutorial* AND	
CHE 152	General Chemistry II*	5

*Satisfies general education requirements

TOTAL **12-13**

UPPER-DIVISION REQUIREMENTS

BIO 360	Ecology	3
TOTAL		3

UPPER-DIVISION ELECTIVES

Approved electives	6
One approved off-campus field-immersion course	4
TOTAL	10
TOTAL FOR MINOR	25-26

ORGANISMAL BIOLOGY MINOR

Organismal Biology

REQUIRED

COURSE	TITLE	UNITS
BIO 210	Cell Biology and Biochemistry	4
BIO 215	Animal Biology	4
BIO 360	Ecology	3

Nine units from the following electives:

BIO 310	Botany	3
BIO 315	Microbiology	3
BIO 320	Marine Vertebrate Biology	3
BIO 325	Insect Biology	3
BIO 330	Marine Invertebrate Biology	2
BIO 340	Field Biology	2
BIO 370	Neuroscience	3
BIO 410	Vertebrate Biology	3
BIO 430	Animal Behavior	3
	TOTAL	20

BIOLOGY COURSES

Lower-Division

BIO 101 (4) HUMAN BIOLOGY AND BIOETHICS–GE

An exploration of assorted topics in human biology as they intersect with bioethical and sustainability issues of current interest in society. Topics include human physiology, health, reproduction, genetics, and ecology. Course examines the underlying scientific basis of specific examples and how they relate to everyday life. Course approach emphasizes the process of science, critical thinking, active learning, social relevancy, and building connections between case studies and general concepts of biology. Lecture and inquiry-based lab. Offered every year.

BIO 102 (4) ENVIRONMENT AND PEOPLE–GE

A systematic overview of major topics in global ecology as they relate to environmental science and human use of natural resources. Includes such topics as sustainable development, population growth, food, agriculture, land degradation, urbanization, pollution, poverty, sanitation, health care, bio-diversity, and war. The implications for wise resource management, bioethics, economics, and governmental policy. Course approach emphasizes the process of science, critical thinking, active learning, social relevancy, and building connections between case studies and general concepts. Lecture. Offered every year.

BIO 103 (4) INTRODUCTION TO BIOLOGY–GE

Designed to meet the requirements for the California Multiple Subject Teaching Credential for teaching grades K-8 (but open to all students). The subject areas include zoology, botany, physiology, cell structure, ecology, genetics, and evolution. Course explores major themes in these subject areas as they relate to everyday life, ethical concerns, conservation issues, and common misunderstandings. Course approach emphasizes the process of science, critical thinking, active learning, social relevancy, and building connections between case studies and general concepts of biology. Lecture and inquiry-based lab. Offered every year.

BIO 104 (4) BIOTECHNOLOGY AND SOCIETY–GE

An examination of current topics in biotechnology as they impact society, bioethics, and sustainable living. Course addresses the questions “What is biotechnology?”, “How does it work?”, and “How does it affect our lives?”. Topics may include genetic engineering, gene amplification, genome projects, gene therapy, DNA fingerprinting, cloning, assisted reproductive technology, genetic screening, recombinant DNA, knock-outs, AIDS research, and GM foods. Course approach emphasizes the process of science, critical thinking, active learning, social relevancy, and building connections between case studies and general concepts of biology. Lecture. Offered every year.

BIO 105 (4) ECOLOGY AND CONSERVATION–GE

A wide-ranging exploration of major topics in ecological science relating to current issues in conservation biology. Drawing from academic and applied fields, the course examines major concepts in conservation biology and how they impact society, public policy, wise management of natural resources, and ethical choices encountered in everyday life. Focus topics include biodiversity, habitat destruction, exotic species introductions, human harvesting, protected areas, and future prospects. Course approach emphasizes the process of science, critical thinking, active learning, social relevancy, and building connections between case studies and general concepts. Lecture and inquiry-based lab. Offered every year.

BIO 130 (4) HUMAN ANATOMY AND PHYSIOLOGY I–GE

The first course of a two-semester sequence which examines the human body from an integrated perspective. Topics include an introduction to chemistry and cell function, tissue types, skeletal system, muscular system, and nervous system. Does not count for credit in the Biology major. Lecture and lab. Offered every year.

Prerequisite or Corequisite: Chemistry 103 or Chemistry 152.

BIO 140 (4) HUMAN ANATOMY AND PHYSIOLOGY II

The second semester of a sequence which examines the human body from an integrated perspective emphasizing the interrelationship of structure and function. Topics include endocrine system and reproduction, cardiovascular system, immune system, respiratory system, digestive system, and urinary system. Does not count for credit toward the Biology major. Lecture and lab. Offered every year.

Prerequisite: Biology 130.

BIO 210 (4) CELL BIOLOGY AND BIOCHEMISTRY–GE

An introduction to the principles of cell biology and biochemistry. Topics to be discussed include the chemical basis of life, the structure and function of cellular organelles, basic metabolic pathways, the expression of the genetic material, recombinant DNA technology and models for the origin of cells. Lecture and lab. Offered every year.

Prerequisite: Must have a previous course in high school or university-level chemistry.

BIO 215 (4) ANIMAL BIOLOGY-GE

Principles of animal structure, function, and diversity. Lecture and lab. Offered every year.

Prerequisite: Biology 210.

BIO 220 (5) MICROBIOLOGY OF INFECTIOUS DISEASES

A study of microbial physiology, the diseases associated with infections by certain pathogenic microbes and the vertebrate response to microbial infections. Does not apply toward the Biology major. Lecture and lab. Offered every year.

Prerequisites: Biology 140 and Chemistry 103.

Upper-Division

BIO 300 (2) BIOINFORMATICS

This course provides students with the background and exposure to a "toolkit" of Web-based servers running user-friendly applications appropriate to handling the mass of complex biological data being generated in the field of modern biology. It emphasizes techniques for searching sequence databases, pairwise and multiple sequence alignment, phylogenetic methods, and methods for pattern recognition and functional inference from sequence data. Lecture and laboratory. Offered as a Quad course.

Prerequisites: Mathematics 362 or instructor consent.

BIO 310 (3) GENERAL BOTANY

Principles of plant structure, function and diversity. Lecture and lab. Offered every year.

Prerequisite: Biology 210 (Biology and Chemistry majors) or Biology 105 (Environmental Biology minors), or consent of instructor.

BIO 315 (3) MICROBIOLOGY

An in-depth exploration of the world of microscopic organisms, including their diversity, physiology, biochemistry and ecology. Emphasis is on prokaryotes, but also some discussion of microscopic eukaryotes. Lecture and laboratory. Offered every year.

Prerequisites: Biology 210.

BIO 320 (3) MARINE ZOOLOGY

A study of marine animals and their habitats, with an emphasis on marine vertebrates. Lecture, lab, and field work. Offered every year.

Prerequisite: Biology 215.

BIO 325 (3) INSECT BIOLOGY

An integrative approach to the diversity, structure, physiology, development, behavior, social dynamics, and ecology of insects, the most abundant and successful group of land animals. Also covered is the impact of insects on human health and agriculture. Lecture, lab, and fieldwork. Offered Fall 2008.

Prerequisites: Biology 215.

BIO 330 (2) MARINE INVERTEBRATE ZOOLOGY

A study of invertebrate adaptive biology, including anatomy, locomotion, nutrition, respiration, excretion, reproduction, and behavior. An emphasis on marine invertebrates and other invertebrate representatives of importance to the Southern California ecosystems. Includes lecture and lab. Offered spring 2010.

Prerequisite: Biology 215.

BIO 340 (2) FIELD BIOLOGY

A field oriented course that explains a particular topic relevant to the field sciences in Southern California. Topics rotate from year to year based on current trends and opportunities. Examples could include topics such as ornithology, herpetology, conservation biology, endangered species management, and experimental ecology. Offered spring 2010.

Prerequisite: Biology 215.

BIO 345 (4) GENETICS

The study of the inheritance, organization, expression and variability of genes. Lecture and lab. Offered every year.

Prerequisite: Biology 210. A grade of "C" or better in Biology 210 or instructor consent.

BIO 350 (3) ADVANCED CELL BIOLOGY

A study of the structure and function of eukaryotic cells. Topics include various aspects of subcellular structure, the extracellular matrix, cellular signal transduction mechanisms, regulation of cell division and cancer. The laboratory provides exposure to important current methodologies. Offered every year.

Prerequisites: Biology 210 and 345.

BIO 360 (3) ECOLOGY

A study of current ecological theory with environmental applications. Lecture, lab, and field work. Offered every year.

Prerequisite: Biology 215.

BIO 370 (2) MARINE PLANT AND MICROBIAL LIFE

An analysis of shoreline, tidal and floating marine plants, and associated microbial life of the Southern California coastline. Ecological and habitat characteristics are studied. Lecture, lab, and field work. Offered spring 2010.

Prerequisites: Biology 215 or 210 and consent of instructor.

BIO 380 (3) MOLECULAR BIOLOGY

A study of the regulatory mechanisms that govern gene expression in eukaryotic and prokaryotic cells and their viruses. Alterations of normal eukaryotic genetic regulatory mechanisms resulting from the transformed (cancerous) state also are discussed. Laboratory includes practical experience with the methodologies of modern genetic engineering. Lecture and lab. Offered every year.

Prerequisite: Biology 345.

BIO 390 (3) IMMUNOLOGY

Introduction to the immune system with an emphasis on mammalian models. The course focuses on the cellular and molecular regulation of the immune system in health and disease. Topics include recognition of antigen, development of lymphocyte repertoires, and innate and adaptive immune responses. Also included are discussions of the immune system's responses to cancer cells, tissue transplants, and allergenic substances. Lecture and laboratory. Offered every year.

Prerequisites: Biology 345 and Chemistry 295; Biology 450 is recommended.

BIO 400 (3) DEVELOPMENTAL BIOLOGY

An analysis of mechanisms of early development of invertebrates and vertebrates. Includes a study of the cellular, molecular, and genetic factors which influence the determination of the body plan as well as a study of the morphogenesis of selected organ systems. Lecture and lab. Offered every year.

Prerequisites: Biology 345 and 380.

BIO 410 (3) VERTEBRATE BIOLOGY

Taxonomy, behavior, distribution, and ecology of the vertebrates and a comparative study of their morphologies. Lecture and lab. Offered fall 2008.

Prerequisite: Biology 215.

BIO 420 (3) VERTEBRATE PHYSIOLOGY

A physiochemical analysis of life processes, as studied by a systemic approach. Lecture and lab. Offered every year.

Prerequisites: Biology 215 and Chemistry 295.

BIO 430 (3) ANIMAL BEHAVIOR

An exploration of the behavioral biology of animals, including behavior genetics, physiological mechanisms, development, learning, neuro-physiology, ecology, reproduction, and social behavior; insights from ethology, psychology, behavioral ecology, and sociobiology are also studied. Labs emphasize various aspects of behavioral research in field settings and students conduct their own research projects. Lecture and lab. Offered fall 2009.

Prerequisite: Biology 360 or consent of instructor.

BIO 450 (4) ADVANCED BIOCHEMISTRY

Detailed analysis of protein and membrane structure. Includes quantitative approaches to the study of enzymes, catalytic mechanisms of enzymes, and a survey of the major metabolic pathways of carbohydrates, lipids, amino acids and nucleic acids. One three-hour lab each week. Also listed as Chemistry 450. Offered every year.

Prerequisites: Biology 210 and Chemistry 295.

BIO 470 (3) NEUROSCIENCE

A study of the nervous system at the molecular, cellular and intercellular levels with the goal of understanding the generation and control of thoughts and behavior. Laboratory exercises examine sensory transduction, CNS function, synaptic physiology, behavior and neuroanatomy. The relationship of brain and mind are examined in discussions of nervous system development, intelligence, memory, patho-physiology, sexuality and gender identity, and religious faith and ethics. Lecture and lab.

Prerequisites: Biology 140 or 420, or Psychology 301, or consent of instructor.

BIO 490 (1-3) INTERNSHIP IN BIOLOGY

Authentic work experience in jobs that are oriented to the field of biology and that include responsibility for decision making, problem solving, and the use of techniques, skills, knowledge acquired in the classroom. May be repeated to a maximum of three units. Credit/No Credit. Offered every year.

Prerequisites: Junior or Senior standing. Consent department chair and faculty advisor.

BIO 495 (1-3) SPECIAL STUDIES IN BIOLOGY

Individual study in depth of a selected biology under the direct supervision of a member of the faculty.
Offered every year.

Prerequisites: Consent of instructor and department chair.

BIO 497 (1) BIOLOGY SEMINAR

Examination and discussion of selected biological issues with an emphasis on the relationship between Christian faith and scientific study. Course is to be taken by Biology, Biology-Chemistry and Environmental Science majors during their last semester prior to graduation. Offered every year.

Prerequisite: Senior standing as a Biology or Bio-chemistry major.

BIO 499 (1-3) RESEARCH IN BIOLOGY

Independent investigation, under the supervision of a member of the biology faculty. May be repeated for a total of six units, but no more three units may count toward upper-division requirements for graduation. Offered every year.

Prerequisites: Junior or Senior standing and consent of instructor is required.

Au Sable Environmental Field Studies Program

Summer field courses in environmental biology offered by the Au Sable Institute of Environmental Studies, a Christian organization offering work and field experiences in the context Christian environmental stewardship. Courses offered during two 5-week summer sessions three North American campuses (Great Pacific Rim, Florida). Courses are at the upper-division level, and provide students academic content, field experience, and tools for stewardship of creation resources. Academic credit for all Au Sable courses is through PLNU. Courses are four units each, and a two-course load is typical. Course credit counts as a graduation elective. Qualified students awarded the Au Sable Fellowship, and grants-in-aid of at least \$600 are also available. Interested students should contact PLNU's Sable Institute representative in the Biology department.

FERMANIAN SCHOOL OF BUSINESS

Purposes

- To provide challenging courses that prepare graduates to meet the demands of the competitive business world and graduate school;
- To surround and assist students in spiritual development, by encouraging the utilization of strong Christian values, and applying those values to ethical issues in each topic of study;
- To enhance education with opportunities for students to experience the business world firsthand, and to meet and network with Christian business leaders of exemplary integrity and experience.

Tradition of Excellence

The Fermanian School of Business educates students broadly in preparation for multiple careers and a wide variety of jobs. Christian values and ethical conduct are emphasized throughout the program, which also provides balance between theory and practice, emphasizes the global dimensions of business and encourages cross-cultural experiences. Small classes provide students with individualized attention from faculty who are dedicated to the academic success of each student. The faculty have earned doctorates or possess an earned professional credential, focus predominately on effective teaching, and take seriously their call to be Christian role models and mentors.

Career Opportunities

The Fermanian School of Business provides quality preparation integrating theory, technology and practice. Resources such as the Fermanian Business Center promote student and business interaction through internships, informational interviews, networking and other innovative programs. Graduates have been successful pursuing graduate programs in academic environments such as University of Southern California, University of California, Los Angeles, San Diego State University, and International Graduate Fermanian School of Business, etc. Accounting graduates have been successful passing the CPA examination. Highly respected firms in San Diego and throughout the world (i.e. Teledyne Ryan, IBM, Sheraton Hotels, Science Applications International, McDonnell-Douglas, Bank of America, Ernst and Young, Deloitte & Touche LLP, Internal Revenue Service, etc.) have actively recruited and hired graduates of the Fermanian School of Business.

Point Loma Nazarene University, through its Fermanian School of Business, is accredited by the Association of Collegiate Business Schools and Programs (ACBSP) to offer the following business degrees:

- Bachelor of Arts in Accounting
- Bachelor of Arts in Business Administration

Majors

Accounting
Business Administration

- Marketing
- Entrepreneurial/Finance
- Management
- International Business

International Development Studies
Industrial-Organizational Psychology

Minors

Accounting
Business Administration
International Development Studies
Nonprofit Organization Management
Public Relations

Courses

Accounting
Business
Economics

Faculty

Senyo Adjibolosoo, Ph.D.
Simon Fraser University

Randolph M. Ataide, M.A., J.D.
Mennonite Brethren Biblical Seminary
San Joaquin College of Law

Margaret Thomas Bailey, Ph.D.
University of Southern California

Steven C. Cosentino, CPA, M.B.A.
San Diego State University

Daniel A. Croy, Ed.D.
Vanderbilt University

Robert C. Gailey, M.Div.
Nazarene Theological Seminary

Carl T. Hammond III, CPA, M.B.A.
San Diego State University

Rebecca A. Havens, Ph.D.
University of California, San Diego

Kimberly S. Hogelucht, M.A.
San Diego State University

James H. McEliece, Ph.D.
Colorado School of Mines

Jose E. Munoz, Jr., M.B.A.
Florida State University

Bruce A. Schooling, Ph.D., Dean
New Mexico State University

Harry S. Watkins, Ph.D.
University of Oregon

Joseph E. Watkins, III, Ph.D.
University of Arizona

COMPUTER REQUIREMENT

All majors must possess a personal notebook computer for their program of study. The notebook is required upon entry into Accounting 201 Principles of Financial Accounting. Accounting 201 is normally taken in the fall semester of the sophomore year. Specific hardware requirements are available from the Fermanian School of Business Web site.

ACCOUNTING MAJOR

LOWER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
ECO 101	Principles of Economics I *	3
ECO 102	Principles of Economics II *	3
ACC 201	Principles of Financial Accounting	4
ACC 202	Principles of Managerial Accounting	4
BUS 212	Principles of Management OR	4
BUS 374	Industrial Organizational Psychology/Human Resources	
CSC 161	Presentation Technology AND	1
CSC 181	Excel OR	1
CSC 132	Introduction to Computer Science OR proficiency	2
MTH 123	Elementary Functions OR equivalent	3
MTH 203	Introduction to Statistics	3
PHL 211	Ethics **	3
	TOTAL	24-29

UPPER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
ACC 370	Intermediate Accounting I	4
ACC 371	Intermediate Accounting II	4
ACC 374	Intermediate Managerial Accounting	2
ACC 375	Managerial Cost Accounting	2
ACC 410	Federal Tax Accounting I	4
ACC 411	Federal Tax Accounting II OR	2
ACC 421	Advanced Accounting	
ACC 460	Auditing	4
BUS 301	Legal Environment of Business	4
BUS 332	Principles of Marketing	4
BUS 488	Strategic Management	4
	TOTAL	34

RECOMMENDED

COURSE	TITLE	UNITS
MTH 144	Calculus with Applications***	4
BUS 213	Administrative Communication	4

* Meets a general education requirement in the Social World.

** Meets a general education requirement in Philosophy.

*** Meets a general education requirement in Problem Solving

BUSINESS ADMINISTRATION MAJOR

LOWER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
ECO 101	Principles of Economics I *	3
ECO 102	Principles of Economics II *	3
ACC 201	Principles of Financial Accounting	4
ACC 202	Principles of Managerial Accounting	4
BUS 212	Principles of Management	4
BUS 213	Administrative Communication	4
CSC 161	Presentation Technology AND	1
CSC 181	Excel OR	1
CSC 132	Introduction to Computer Science OR proficiency	2
MTH 123	Elementary Functions OR equivalent	3
MTH 203	Introduction to Statistics	3
	TOTAL	23-30

UPPER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
ACC 374	Intermediate Managerial Accounting	2
BUS 301	Legal Environment of Business	4
BUS 332	Principles of Marketing	4
BUS 410	Business Finance	4
BUS 488	Strategic Management	4
BUS 489	Business Internship	4
	Upper-division Economics (300-490)	4
	<i>Approved OCP courses may satisfy this requirement</i>	
	TOTAL	26

RECOMMENDED

PHL 211	ETHICS **	3
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* Fulfills the general education requirement in the Social World.

** Fulfills the general education requirement in Philosophy.

OPTIONAL CONCENTRATIONS

The requirements shown above are the minimum needed to obtain a Business Administration major. Students may earn a concentration designation on their transcript by taking eight additional units in one of the following concentrations:

Concentration A: Marketing

COURSE	TITLE	UNITS
BUS 334	Professional Selling and Sales Management	4
<i>Four units from:</i>		
BUS 336	Advertising and Promotion Management	4
BUS 432	Research Methods in Business	4
BUS 490	Special Topics in Business Administration	4
ECO 320	Urban Economics	2
ECO 440	Racial and Gender Issues in Economics and Education	2
ACC 410	Federal Tax Accounting I	4
COM 330	Persuasion	3
	TOTAL	8

Concentration B: Entrepreneurial/Finance

COURSE	TITLE	UNITS
BUS 382	Entrepreneurship	2
BUS 486	Small Business Institute	2
<i>Four units from:</i>		
BUS 340	Real Estate Principles and Practices	4
BUS 411	Investments	4
BUS 432	Research Methods in Business	4
BUS 470	Nonprofit Organization Management	4
BUS 490	Special Topics in Business Administration	4
ECO 360	Public Finance	2
ECO 380	Money and Banking	4
ACC 410	Federal Tax Accounting I	4
	TOTAL	8

Concentration C: Management

COURSE	TITLE	UNITS
BUS 374	Human Resource Management	4
<i>Four units from:</i>		
BUS 412	Leadership	4
BUS 432	Research Methods in Business	4
BUS 470	Nonprofit Organization Management	4
BUS 480	International Business	4
BUS 484	Operations Management	4
BUS 490	Special Topics in Business Administration	4
ECO 320	Urban Economics	2

ECO 315	Theories of Economic Development	4
ECO 440	Racial and Gender Issues in Economics and Education	2
	TOTAL	8

Concentration D: International Business

COURSE	TITLE	UNITS
BUS 480	International Business	4
<i>Four units from:</i>		
BUS 423	International Business Communication	4
BUS 432	Research Methods in Business	4
BUS 490	Special Topics in Business	4
ECO 315	Theories of Economic Development	4
ECO 360	Public Finance	2
ECO 410	International Economics	4
	TOTAL	8

- Approved Off-Campus Cooperative Programs (OCP).
- Language proficiency at an intermediate level.
- One semester or summer of international study or immersion experience (approved OCP courses may satisfy this requirement).

INTERNATIONAL DEVELOPMENT STUDIES

MAJOR

The International Development Studies major provides students with the opportunity to study and evaluate economic development theories/models, development planning, development programming, grassroots development projects, democratization, gender issues in development, urban problems, and other factors that affect the development process.

LOWER-DIVISION REQUIREMENTS

COURSE TITLE	UNITS
ECO 101 Principles of Economics I *	3
ECO 102 Principles of Economics II *	3
ACC 201 Principles of Financial Accounting	4
BUS 212 Principles of Management	4
MTH 203 Introduction to Statistics	3
TOTAL	17

UPPER-DIVISION REQUIREMENTS

COURSE TITLE	UNITS
BUS 412 Leadership	4
BUS 470 Nonprofit Organization Management	4
BUS 480 International Business	4
ECO 315 Theories Of Economic Development	4
ECO 410 International Economics	4
ECO 450 History of Economic Thought	4
ECO 460 Applied Econometrics	4
ECO 470 Contemporary Development Planning	4

Four units from:

BUS 301 Legal Environment of Business	4
BUS 332 Principles of Marketing	4
BUS 382 Entrepreneurship	2
BUS 489 Business Internship	2-4
ECO 320 Urban Economics	2
ECO 360 Public Finance	2
ECO 380 Money and Banking	4
ECO 440 Racial And Gender Issues In Economics And Education	2
ECO 490 Special Studies in Economics	4
POL 230 Introduction To International Relations	4
POL 350 Rebuilding Devastated States	2
POL 420 United States Foreign Policy	4
POL 435 Global Governance	4
POL 450 Issues Of Global Human Rights	2
SOC 201 Cultural Anthropology*	3
SOC 350 Urban Sociology	3
TOTAL	36

STRONGLY RECOMMENDED ELECTIVE COURSE

COURSE TITLE	UNITS
PHL 211 ETHICS **	3

* Fulfills the general education requirement in the Social World.

** Fulfills general education requirement in Philosophy.

INDUSTRIAL-ORGANIZATIONAL PSYCHOLOGY MAJOR

This major in the Fermanian School of Business is designed for those who wish to enter the job market in fields of management, personnel, and research at the baccalaureate level.

LOWER-DIVISION REQUIREMENTS

COURSE TITLE	UNITS
PSY 103 General Psychology	3
MTH 203 Introduction to Statistics	3
BUS 212 Principles of Management	4
ECO 101 Principles of Economics I	3
ECO 102 Principles of Economics II	3
TOTAL	16

UPPER-DIVISION REQUIREMENTS

COURSE TITLE	UNITS
BUS 332 Principles of Marketing	4
BUS 374 Human Resource Management	4
PSY 341 Group Counseling	3
OR	
PSY 345 Group Dynamics	
PSY 350 Clinical and Research Assessment	3
PSY 390 Research Methods and Design I	4
PSY 391 Research Methods and Design II	4
PSY 409 Psychology of Cognition and Learning	4
<i>One course from:</i>	
PSY 301 Physiological and Neuropsychology	4
PSY 320 Social Psychology	3
PSY 321 Abnormal	3
TOTAL	29-30

ACCOUNTING MINOR

A minor in Accounting is for students who are interested in an understanding of accounting principles and techniques, but who do not want to pursue a major in Accounting.

LOWER-DIVISION REQUIREMENTS

COURSE TITLE	UNITS
ACC 201 Principles of Financial Accounting	4
ACC 202 Principles of Managerial Accounting	4
TOTAL	8

UPPER-DIVISION REQUIREMENTS

COURSE TITLE	UNITS
ACC 370 Intermediate Accounting I	4
ACC 371 Intermediate Accounting II	4
ACC 374 Intermediate Managerial Accounting	2

One of the following:

ACC 375 Managerial Cost Accounting	2
ACC 410 Federal Tax Accounting I	4
ACC 421 Advanced Accounting	2
ACC 460 Auditing	4
TOTAL	12-14

BUSINESS ADMINISTRATION MINOR

A minor in Business Administration is for those who wish to complement study in another area with a basic background in business. The minor consists of introductory courses in Economics, Accounting, and upper-division courses designed to acquaint the student with disciplines essential to business success.

LOWER-DIVISION REQUIREMENTS

COURSE TITLE	UNITS
ECO 102 Principles of Economics II	3
ACC 201 Principles of Financial Accounting	4
BUS 212 Principles of Management	4
LOWER-DIVISION TOTAL	11

COURSE TITLE	UNITS
BUS 332 Principles of Marketing	4
Eight units selected from any upper-division course in Business.	8
UPPER-DIVISION TOTAL	12
MINOR TOTAL	23

INTERNATIONAL DEVELOPMENT STUDIES MINOR

A minor in International Development Studies is for students who wish to complement study in another area with a basic background in economic development. Study in this discipline seeks to equip students in other majors to address the issues of material welfare that have an impact on their study of the issues facing disadvantaged populations.

LOWER-DIVISION REQUIREMENTS

COURSE TITLE	UNITS
ECO 101 Principles of Economics I *	3
ECO 102 Principles of Economics II *	3
MTH 203 Introduction to Statistics	3
TOTAL	9

* Fulfills the general education requirement in the Social World.

UPPER-DIVISION REQUIREMENTS

COURSE TITLE	UNITS
ECO 315 Theories of Economic Development	4
BUS 470 Nonprofit Organization Management	4

Four units from:

BUS 301 Legal Environment of Business	4
BUS 332 Principles of Marketing	4
BUS 382 Entrepreneurship	2
BUS 489 Business Internship	2-4
ECO 320 Urban Economics	2
ECO 360 Public Finance	2
ECO 380 Money and Banking	4
ECO 440 Racial And Gender Issues in Economics And Education	2
ECO 490 Special Studies in Economics	4
POL 230 Introduction To International Relations	4
POL 350 Rebuilding Devastated States	2
POL 420 United States Foreign Policy	4
POL 435 Global Governance	4
POL 450 Issues Of Global Human Rights	2
SOC 201 Cultural Anthropology *	3
SOC 350 Urban Sociology	3
TOTAL	12

*Meets a general education requirement in the Social World.

NONPROFIT ORGANIZATION MANAGEMENT MINOR

A minor in Nonprofit Organization Management is for students who wish to complement study in another area with a basic background in managing nonprofit organizations. The program consists of introductory courses in Economics and Accounting, and upper-division courses in Business designed to acquaint the student with a few essentials of nonprofit organization management.

LOWER-DIVISION REQUIREMENTS

COURSE TITLE	UNITS
ECO 102 Principles of Economics II *	3
ACC 201 Principles of Financial Accounting	4
BUS 212 Principles of Management	4
LOWER-DIVISION TOTAL	11

UPPER-DIVISION REQUIREMENTS

COURSE TITLE	UNITS
BUS 470 Nonprofit Organization Management	4
Eight units selected from any upper-division course in Business.	8
UPPER-DIVISION TOTAL	12
MINOR TOTAL	23

PUBLIC RELATIONS MINOR

The minor in Public Relations is interdepartmental with the Fermanian School of Business, the Department of Literature, Journalism, and Modern Languages, and the Department of Communication and Theatre.

REQUIREMENTS

COURSE	TITLE	UNITS
BUS 332	Principles of Marketing	4
COM 330	Persuasion	3
COM 390	Introduction to Public Relations	3
COM 405	Public Relations Cases and Campaigns	3
WRI 250	Introduction to Journalism	3
WRI 355	Public Relations Writing	
	MINOR TOTAL	19

ACCOUNTING COURSES

Lower-Division

ACC 201 (4) PRINCIPLES OF FINANCIAL ACCOUNTING

The theory and practice of accounting applicable to measuring, recording and reporting business transactions for external uses. Topics covered include short-term liquid assets, merchandising operations, inventories, long-term assets, current and long-term liabilities, corporate capital accounts, and the statement of cash flows. Recommended for sophomores. Laboratory accompanies course. Offered fall and spring semester.

Prerequisites: All department majors must have a personal notebook computer on entry into Accounting 201. Specific hardware requirements are available from the Fermanian School of Business.

ACC 202 (4) PRINCIPLES OF MANAGERIAL ACCOUNTING

The study of information systems for management accounting, the analysis of accounting information for planning and management decision making, and the use of various performance measurement and evaluation techniques. Recommended for sophomores. Laboratory accompanies course. Offered fall and spring semester.

Prerequisite: Accounting 201

Upper-Division

ACC 370 (4) INTERMEDIATE ACCOUNTING I

A review of the accounting reporting process with in-depth study of generally accepted accounting principles as they relate to asset, liability, and their related income statement accounts. Time value concepts and the recognition of revenue also are studied. Offered fall semester.

Prerequisites: Accounting 202, Computer Science 122 or 132 or equivalent, and Mathematics 123 or equivalent.

ACC 371 (4) INTERMEDIATE ACCOUNTING II

Study and analysis of stockholders' equity and special accounting problems, including accounting for investments, dilutive securities, income taxes, pensions and post-retirement benefits, and leases. A study of accounting for business combinations and consolidated financial statements is also included. Offered spring semester.

Prerequisite: Accounting 370.

ACC 374 (2) INTERMEDIATE MANAGERIAL ACCOUNTING

A study of the statement of cash flows, financial statement analysis, cost-volume-profit and breakeven analysis, and profit planning. Offered fall and spring semester.

Prerequisites: Accounting 202, Mathematics 123 or equivalent.

ACC 375 (2) MANAGERIAL COST ACCOUNTING

A study of basic cost accounting concepts and procedures, with emphasis on the development, interpretation, and application of managerial accounting information for planning, control, and decision making. Offered spring semester.

Prerequisite: Accounting 202.

ACC 410 (4) FEDERAL TAX ACCOUNTING I

A study of the basic federal income tax laws as they relate primarily to individuals. Emphasis on gross income, deductions, depreciation and cost recovery, gains and losses, passive activities, and tax planning. Offered fall semester.

Prerequisite: Accounting 202.

ACC 411 (2) FEDERAL TAX ACCOUNTING II

A study of federal income tax laws as they relate to corporations, partnerships, tax exempt entities, and estates and trusts. International transactions, tax planning, and tax administration are discussed. Offered fall semester.

Prerequisite: Accounting 410.

ACC 421 (2) ADVANCED ACCOUNTING

A study of accounting for government, not-for-profit, partnership, and multinational entities, and other special topics. Offered spring semester.

Prerequisite: Accounting 371.

ACC 460 (4) AUDITING

A study of the attest function of independent public accountants, with emphasis on the philosophy of auditing, auditing standards, professional conduct, legal liability, internal control, audit evidence and techniques, and accountants' reporting responsibilities. Some business law topics related to the Uniform Commercial Code, agency law, and other selected topics are included. Offered spring semester.

Prerequisite: Accounting 371 or consent of instructor.

ACC 489 (1-2) INTERNSHIP IN ACCOUNTING

On-the-job participation involving decision making and problem solving using techniques, skills, and knowledge acquired in the classroom. May be repeated for a maximum of four units. Graded Credit/No Credit.

Prerequisites: Senior standing and consent of the dean and faculty in the Fermanian School of Business .

ACC 490 (2) SPECIAL TOPICS IN ACCOUNTING

Study in a special topic to be determined by the department. Open to juniors and seniors only. May be repeated for a maximum of four units.

Prerequisite: Consent of instructor.

ACC 491 (1-2) INDEPENDENT STUDIES IN ACCOUNTING

An intensive study of a selected problem under the direction of an instructor. Qualified students as well as the proposal for the study must be approved by departmental instructor(s) and the department chair.

Course is open to upper-division students. May be repeated for a maximum of four units.

Prerequisite: Consent of instructor.

BUSINESS COURSES

Lower-Division

BUS 212 (4) PRINCIPLES OF MANAGEMENT

A study of the manager's role in the organization, including the tasks of planning, organizing, leading, and controlling. Attention to managerial implications of social responsibility and international management. Students undertake a group project, applying the theory and computer technology to a task. Offered fall and spring semester.

BUS 213 (4) ADMINISTRATIVE COMMUNICATION

The fundamentals of business writing are applied to the writing of letters and memos in typical basic business situations such as good news, neutral situations, and bad news as well as specific situations such as persuasion and sales writing. A traditional and scannable résumé is written as well as other job search correspondence. The fundamentals of report writing are applied during the development of a personal portfolio. Technology and crosscultural communication is integrated throughout the course. Informal oral communication, public speaking and oral reporting, instruction in and the use of presentation software are practiced. Offered fall and spring semester.

Prerequisite: Writing 110 or equivalent.

Upper-Division

BUS 301 (4) LEGAL ENVIRONMENT OF BUSINESS

A comprehensive overview of legal issues encountered in business including the legal system, business organization, contracts, torts, real and personal property, legal remedies, trusts, international topics, and governmental regulation. Offered fall and spring semester.

BUS 332 (4) PRINCIPLES OF MARKETING

The role of marketing in society and in the organization; construction of a formal marketing plan, including choice of target market, product development, pricing, distribution, and promotion; social, legal, and ethical dimensions of marketing; marketing in the global economy; marketing and the internet. Offered fall and spring semester.

Prerequisites: Junior or Senior standing.

BUS 334 (4) PROFESSIONAL SELLING AND SALES MANAGEMENT

Overview of the role of a sales person and of the sales function. Development and execution of sales presentation with attention to prospecting, sales call planning, the approach, the presentation, negotiation, closing and after-sale follow-up and service. Selected sales management topics include recruiting, training, motivating, and evaluating salespeople, as well as ethical issues and perspectives. Offered fall semester.

Prerequisite: Business 332 or consent of instructor.

BUS 336 (4) ADVERTISING AND PROMOTION MANAGEMENT

The planning, execution and evaluation of integrated marketing communication campaigns. Topics include media strategy, creative strategy, ethical issues, international considerations, consumer response to elements of the promotion mix, and perspectives on managing creative endeavors. Development and presentation of an integrated marketing communication plan is required. Offered spring semester.

Prerequisite: Business 332 or consent of instructor.

BUS 340 (4) REAL ESTATE PRINCIPLES AND PRACTICES

Economics of the real estate market, real property, ownership and transfer of real property including deeds, mortgages, escrow, title insurance, appraisal techniques, financing methods, leases, development, management, and agency. Satisfies educational requirement for real estate broker's license. Offered fall semester.

Prerequisite: Economics 102.

BUS 374 (4) HUMAN RESOURCE MANAGEMENT

A study of organizational behavior, selection procedures, performance appraisal, compensation, industrial relations, human factor engineering, and consumer behavior applications of psychological theory and research. Offered fall semester.

Prerequisites: Mathematics 203 and Business 212 or Psychology 390.

BUS 382 (2) ENTREPRENEURSHIP

Emphasis on planning and research necessary for successful start-up and expansion of a small business. Course includes visits to Entrepreneurships, financial planning using computer spreadsheet, and preparation of a formal business plan. Offered fall semester.

Prerequisite: Accounting 201 or consent of instructor.

BUS 410 (4) BUSINESS FINANCE

To acquire the capabilities to function as a financial manager, that is, to integrate an understanding of the techniques, concepts and analysis of finance. The course is designed to build on the student's knowledge

of accounting, economics and math. Topics include financial planning and cash budgeting, the role of financial markets and interest rates, discounted cash flow analysis and capital budget techniques, capital structure and leverage, dividend policy and international business finance. Offered fall and spring semester.

Prerequisites: Economics 102, Accounting 374, Mathematics 123 or equivalent, Mathematics 203.

BUS 411 (4) INVESTMENTS

Finance from the point of view of the investor. Topics include financial statement analysis, securities markets and instruments, portfolio theory, fixed income securities, equity and derivative assets, including options and futures. Technical preparation for certified financial planning license. Offered spring semester.

Prerequisites: Mathematics 123 or equivalent, Mathematics 203, Economics 102 and Accounting 202.

BUS 412 (4) LEADERSHIP

An investigation and review of a wide variety of leadership concepts, practices and theories. Includes an examination of biblical leadership; the role of leadership in organizations; the historical examination of various leadership models; and the contributions of leaders to a modern society. Case studies, special guest speakers, exercises, and group projects facilitate the practical application of leadership by students. Offered spring semester.

Prerequisite: Junior or Senior standing.

BUS 423 (4) INTERNATIONAL BUSINESS COMMUNICATION

Study of organizational and interpersonal communication and negotiation skills needed in an integrated world economy. The specific needs of any international (or domestic multicultural) business interaction are studied by isolating and evaluating those aspects of culture most likely to affect communication in a business setting. These aspects are language, environment and technology, social organization, contexting, authority conception, nonverbal communication, and temporal conception. The course is activity-oriented and uses technology to exchange business messages internationally.

Prerequisite: Business 213.

BUS 432 (4) RESEARCH METHODS IN BUSINESS

A study of methods used to gather and use information in business settings. Topics include identifying and defining business problems, designing instruments to gather problem-specific information, implementing information gathering efforts, analyzing information, interpretation of results and generating proposed solutions. Offered spring semester.

Prerequisites: Mathematics 203 and Junior or Senior standing.

BUS 470 (4) NONPROFIT ORGANIZATION MANAGEMENT

Application of management principles to nonprofit organizations, including managing volunteers, advising board of directors, accounting, investment, financial management, marketing, fund raising, ethics and responsibility to society and donors. Offered fall semester. *Prerequisite: Business 212 or consent of instructor.*

BUS 480 (4) INTERNATIONAL BUSINESS

An overview of challenges and opportunities in international business. Students research one region in depth for development of a business proposal. Attention to crosscultural issues in management and marketing, and business ethics in international settings. Offered spring semester.

Prerequisites: Business 212.

BUS 484 (4) OPERATIONS MANAGEMENT

An analysis of the information support systems which aid the manager in the decision-making process. Topics include mathematical and computer models for production and operations management, allocation of resources, planning, and financial analysis. Crosslisted as ISS 484.

Prerequisite: Mathematics 203 or 364.

BUS 486 (2) SMALL BUSINESS INSTITUTE

Student teams work as consultants to small businesses to develop solutions to business problems, write business plans and consider strategy and policy issues. Offered fall semester.

Prerequisites: Senior standing and consent of instructor.

BUS 488 (4) STRATEGIC MANAGEMENT

This course serves as a capstone experience for business students. It seeks to integrate the diverse areas of business study through formal instruction, case analysis and in-depth analysis of a current problem facing a local business organization. Classroom instruction focuses on the strategic management/business policy development process. A formal team presentation of a problem solution to the business owner is required for successful completion. Offered fall and spring semester.

Prerequisites: Business 410 or Accounting 371 (concurrent enrollment acceptable) and Senior standing.

BUS 489 (1-4) INTERNSHIP IN BUSINESS

On-the-job participation involving decision making and problem solving using techniques, skills and knowledge acquired in the classroom. May be repeated for a maximum of six units. Graded Credit/No Credit. Offered fall, spring and summer semesters.

Prerequisites: Business 213. Senior or Junior standing and consent of instructor.

BUS 490 (4) SPECIAL TOPICS IN BUSINESS ADMINISTRATION

Study in a special topic to be determined by the department. May be repeated for a maximum of eight units.

Prerequisites: Senior or Junior standing and consent of instructor.

BUS 491 (1-2) INDEPENDENT STUDIES IN BUSINESS

An intensive study of a selected problem under the direction of an instructor. Qualified students as well as the proposal for the study must be approved by school instructor(s) and the school dean. May be repeated for a maximum of four units.

Prerequisites: Course is open to upper-division majors in the school with consent of instructor.

ECONOMICS COURSES

Lower-Division

ECO 101 (3) PRINCIPLES OF ECONOMICS I–GE

Fundamental principles governing production, distribution, and exchange of wealth with emphasis on current economic problems. This course is the macroeconomic approach, emphasizing national income determination, fiscal policy, monetary policy and economic stabilization policy, international linkages, balance of payment issues, exchange rate determination and international trade. Offered fall and spring semester.

Prerequisite: Mathematics 099 or equivalent.

ECO 102 (3) PRINCIPLES OF ECONOMICS II–GE

Fundamental principles governing production, distribution, and exchange of wealth with emphasis on current economic problems. This course is the microeconomic approach, emphasizing consumer choice theory, decision making of firms based on costs and revenues, income determination and distribution, market structures, market failures, the economic role of government in a mixed economy, and comparative economic systems. Offered fall and spring semester.

Prerequisite: Mathematics 099 or equivalent.

Upper-Division

ECO 315 (4) THEORIES OF ECONOMIC DEVELOPMENT

The course, theories of economic development, introduces students to the contents of the theory and practice of economic development. While studying this course, students are not only exposed to the orthodox theories and models of development, but also gain deeper insights into the significance of the quality of the human factor (HF) to development and underdevelopment. Offered spring semester.

Prerequisites: Economics 101 and 102 or consent of instructor.

ECO 320 (2) URBAN ECONOMICS

Analytical tools of economics are used to explain the spatial and economic organization of cities and metropolitan areas. Urban problems such as poverty, slums, housing, crime, congestion, pollution, urban renewal, and finance are identified. Empirical evidence is examined and effective policy solutions discussed. Offered fall 2008.

Prerequisites: Economics 102, Mathematics 123.

ECO 360 (2) PUBLIC FINANCE

An interdisciplinary study of the revenues and expenditures of federal, state, and local governments. Effects on the global and national economies of public spending, debts and taxation, financing social security, and other services. Special emphasis on current events and issues.

Prerequisite: Economics 101 or Political Science 165.

ECO 380 (4) MONEY AND BANKING

The functions of money, credit and banking in the economic system, monetary standard, banking and monetary theory, central banking, and government fiscal policies. Offered spring semester.

Prerequisite: Economics 101.

ECO 410 (4) INTERNATIONAL ECONOMICS

This course presents detailed treatment of theories and models of international trade, rationale for barriers to trade, government trade policies, international trade agreements and organizations, balance of payments, exchange rate regimes, currency unions, and foreign debt issues. Also listed as Political Science 437. Offered fall semester.

Prerequisites: Economics 101 and 102.

ECO 440 (2) RACIAL AND GENDER ISSUES IN ECONOMICS AND EDUCATION–WS

A study of social issues pertaining to race and gender in economics and education. The economic status of different races and genders are examined, and the impact of educational opportunity on races, genders, and economic status are discussed. The extent to which discrimination inhibits educational opportunity and economic status is considered. Offered spring 2008.

Prerequisite: Junior or Senior standing.

Recommended: Economics 102 or Education 300.

ECO 450 (4) HISTORY OF ECONOMIC THOUGHT

A study of the history of the development of major concepts of economic analysis and theory. Emphasis is placed on the role of the economic, political, social, and religious environments in the development of economic thinking and analysis. Consideration is given to the major economic theorists and how biblical concepts influence their thinking. Offered fall semester.

Prerequisites: Economics 101 and 102.

ECO 460 (4) APPLIED ECONOMETRICS

Applications of regression analysis to understanding the relationships between underdevelopment and development and the causal factors. Students learn about estimation techniques and how to apply their results to making inferences that may form the foundation for development planning and economic policy. Data problems such as multicollinearity, heteroskedasticity, autocorrelation, missing values, are discussed. Offered spring semester.

Prerequisite: Mathematics 203.

ECO 470 (4) CONTEMPORARY DEVELOPMENT PLANNING

This course focuses on extensive study, evaluation, and analysis of the various approaches to development planning and policy from a historical perspective. As such, the course uses as case study materials the development plans of various developing countries. A selection of actual development plans and policies from different regions of the world are studied, analyzed, and critically evaluated on the basis of their performance effectiveness—the extent to which they were successful in dealing with social, economic, and political problems. This evaluation process also takes a detailed look at the extent to which these plans either focused on or ignored people development. Offered fall semester.

ECO 490 (4) SPECIAL STUDIES IN ECONOMICS

Study in a special topic to be determined by the faculty of the Fermanian School of Business. May be repeated for a maximum of eight units.

Prerequisite: Open to Juniors and Seniors only. Consent of instructor.

ECO 491 (1-2) INDEPENDENT STUDIES IN ECONOMICS

Study in a special topic to be determined by the department. May be repeated for a maximum of four units. Does not fulfill upper-division Economics requirements for the major in Business Administration.

Prerequisite: Open to Juniors and Seniors only. Consent of instructor.

CHEMISTRY

Purposes

- To prepare students for entrance into graduate school and eventually for professional work in chemistry or related fields;
- To prepare students, who don't wish to attend graduate school, to enter the field of industrial chemistry immediately after graduation;
- To prepare students to teach chemistry or physical science at the secondary education level;
- To provide students with the opportunity to participate as partners with their professors in nationally reported research projects;
- To provide students with a general knowledge of chemistry and its relation to society.

Tradition of Excellence

The strength and reputation of the Chemistry program has been well established over the past 40 years. Quality classroom instruction coupled with personal contact with caring faculty lays the foundation for students' success. Small classes and deliberate faculty mentoring provide students the knowledge and confidence to pursue their career goals. At PLNU, the faculty understand that chemistry is a laboratory science, and almost all courses in the major have a significant laboratory component. Students become very familiar with the instrumental tools of modern chemical investigation.

Undergraduate research has, and continues to be, the hallmark of the Chemistry department. Over 200 students have had the opportunity to work side by side with university faculty in the summer research programs. Results of these studies are published in peer-reviewed professional journals with students included as co-authors. Over 75 such articles have been published since 1965 as part of the Chemistry department undergraduate research program. Most importantly, students learn to think like scientists as they tackle their own research project. Undergraduate research requires funding and the Chemistry faculty has been very successful in competing for public and private grants (the total exceeds \$2 million). As remarkable evidence of loyalty and support, Department alumni also contribute nearly \$30,000 annually to partially fund the kind of research from which they themselves benefited. Students, faculty, and alumni connect in significant ways to make chemistry education at PLNU a respected and vital experience.

Career Opportunities

The professional success of graduates in the Department of Chemistry attests to the quality of the program. More than 80 percent of students who apply to medical schools are accepted (almost twice the national average). Higher percentages are accepted into Ph.D. programs in Chemistry and related fields. PLNU alumni can be found on the faculty of numerous medical schools and universities. They are also making important contributions in school classrooms and industrial labs. The same quality undergraduate education is offered to all students, and the department is proud of each achievement.

Majors

Biology-Chemistry
Chemistry
Environmental Science B.S.

Courses

Faculty

Sara Yu Choung, Ph.D.
University of California, Berkeley

Victor L. Heasley, Ph.D.
University of Kansas

Kenneth A. Martin, Ph.D., Chair
University of Kansas/Wichita State University

Dale F. Shellhamer, Ph.D.
University of California, Santa Barbara

Gary L. N. Smith, Ph.D.
University of Oklahoma

BIOLOGY-CHEMISTRY MAJOR

Biology-Chemistry B.S.

The interdepartmental major in Biology-Chemistry has been designed for those students whose academic needs and interests include both biology and chemistry. The major was instituted because a large segment of contemporary scientific investigation lies at the intersection of these two fields. Areas well served by this preparation include medicine, dentistry, and graduate disciplines such as biochemistry, physiology, and molecular biology.

LOWER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
BIO 210	Cell Biology and Biochemistry	4
BIO 215	Animal Biology	4
CHE 152	General Chemistry I	4
CHE 153	General Chemistry II	4
CHE 211	Analytical Chemistry	2
CHE 295	Organic Chemistry I	5
PHY 141	General Physics I	4
	AND	
PHY 142	General Physics II	
	OR	
PHY 241	University Physics I	4
	AND	
PHY 242	University Physics II	
MTH 144	Calculus with Applications	4
	LOWER-DIVISION TOTAL	35

UPPER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
BIO 345	Genetics	4
BIO 380	Molecular Biology	3
BIO 497	Biology Seminar	1
CHE 300	Organic Chemistry II	2
CHE 325	Physical Chemistry I	5
CHE 351	Organic Qualitative Analysis	2
CHE 466	Advanced Inorganic Chemistry	2
CHE 326	Physical Chemistry II	2
	OR	
CHE 370	Instrumental Analysis	
	OR	
CHE 453	Advanced Organic Chemistry	
BIO 450	Advanced Biochemistry	2
	OR	
CHE 450	Advanced Biochemistry	
		4
<i>Three courses from:</i>		
BIO 300	Biomathematics and Bioinformatics	3
BIO 315	Microbiology	3
BIO 350	Advanced Cell Biology	3
BIO 390	Immunology	3
BIO 400	Developmental Biology	3
BIO 420	Vertebrate Physiology	3
	UPPER-DIVISION TOTAL	30-31
	MAJOR TOTAL	65-66

CHEMISTRY MAJOR

Chemistry (B.S.)

LOWER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
CHE 151	General Chemistry Tutorial *	1
CHE 152	General Chemistry I	4
CHE 153	General Chemistry II	4
CHE 211	Analytical Chemistry	2
CHE 295	Organic Chemistry I	5
PHY 241	University Physics I	4
PHY 242	University Physics II	4
MTH 144	Calculus with Applications (4)	4 or 5
MTH 131	AND Computer-Aided Calculus (1)	
MTH 164	OR Calculus I (4)	
MTH 174	Calculus II	4
	TOTAL	31-33

UPPER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
CHE 300	Organic Chemistry II	2
CHE 325	Physical Chemistry I	5
CHE 326	Physical Chemistry II	2
CHE 327	Physical Chemistry II Lab	1
CHE 351	Organic Qualitative Analysis	2
CHE 370	Instrumental Analysis	2
CHE 450	Advanced Biochemistry	4
CHE 453	Advanced Organic Chemistry	2
CHE 454	Advanced Organic Chemistry Lab	1
CHE 466	Advanced Inorganic Chemistry	2
CHE 467	Advanced Inorganic Chemistry Lab	1
CHE 475	Special Topics in Chemistry	2
CHE 495	Chemistry Seminar	1
	Science and/or Math electives approved by department chair (200 level or higher).	6
	TOTAL	33

RECOMMENDED

COURSE	TITLE	UNITS
CHE 499	Chemistry Research	1-2
MTH 274	Calculus III	4
MTH 232	Linear Algebra	2

ENVIRONMENTAL SCIENCE MAJOR

Environmental Science (B.S.)

LOWER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
<i>Biology:</i>		
BIO 102	Environment and People	4
BIO 105	OR Ecology and Conservation	
BIO 210	Cell Biology and Biochemistry	4
BIO 215	Animal Biology	4
<i>Chemistry:</i>		
CHE 151	General Chemistry Tutorial	1
CHE 152	General Chemistry I	4
CHE 153	General Chemistry II	4
CHE 211	Analytical Chemistry	2
CHE 295	Organic Chemistry I	5
<i>Mathematics:</i>		
MTH 144	Calculus with Applications	4
<i>Choose one sequence:</i>		8
<i>Physics</i>		
PHY 141-142	General Physics I-II	3
PHY 241-242	University Physics I-II	
<i>Choose one of three:</i>		3
<i>Sociology</i>		
SOC 201	Cultural Anthropology	
<i>Economics</i>		
ECO 101	Principles of Economics I	
ECO 102	Principles of Economics II	
TOTAL		43*

*Lower-division units = 47 if Political Science 230 is taken as one of "Other Related Electives" listed below.

UPPER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
BIO 345	Genetics	4
BIO 360	Ecology	3
BIO 497	Biology Seminar	1
CHE 370	Instrumental Analysis	2
MTH 362	Calculus Based Statistics	2
TOTAL		12

Upper-Division Electives

A minimum of 8 units of upper-division electives are required from approved environmental off-campus programs. Both departmental chairs (Biology and Chemistry) or their designees are responsible for approving all off-campus courses. At least one-half of upper-division units in the

major must be taken at PLNU.

Advanced Science Electives (8 units minimum)

One of more approved off-campus environmental course(s) may fulfill part or all of this requirement.

COURSE	TITLE	UNITS
BIO 310	General Botany	3
BIO 315	Microbiology	3
BIO 320	Marine Zoology	3
BIO 325	Insect Biology	3
BIO 330	Marine Invertebrate Zoology	2
BIO 340	Field Biology	2
BIO 370	Marine Plant and Microbial Life	2
BIO 410	Vertebrate Biology	3
BIO 420	Vertebrate Physiology	3
BIO 430	Animal Behavior	3
CHE 450/ BIO 450	Advanced Biochemistry	4
CHE 300	Organic Chemistry II (offered as a Quad course)	2
CHE 325	Physical Chemistry I	5
CHE 351	Organic Qualitative Analysis	2
CHE 466	Advanced Inorganic Chemistry	2
CHE 475	Special Topics in Chemistry	2

Other Related Electives (9 units minimum)

Students can customize their degree by taking any combination of courses from the two categories below. One or more approved off-campus environmental course(s) may fulfill part or all of this requirement.

Methodology

COURSE	TITLE	UNITS
CHE 490	Internship in Chemistry	1-3
CHE 499	Research in Chemistry	1-3
BIO 490	Internship in Biology	1-3
BIO 499	Research in Biology	1-3

Public Policy and Stewardship

POL 230	Introduction to International Relations	4
POL 394	Governments and Politics of the Global South	4
POL 441	Issues in Public Policy	4
PHL 451	Religion and Science	3
	Upper-Division Elective Total	17

Bachelor of Science Total 72*

**14 units meet general education requirements*

CHEMISTRY COURSES

Chemistry Courses

Lower-Division

CHE 101 (4) CHEMISTRY AND SOCIETY–GE

Designed to introduce non-science students to the major ideas of modern chemistry and their relevance in contemporary society. Chemical principles are examined and applied to areas such as nutrition, medicine, agriculture, pollution, and energy issues. (Meets a general education requirement; does not count toward the Chemistry major.)

Prerequisite: Mathematics 099 or equivalent.

CHE 103 (5) INTRODUCTION TO GENERAL, ORGANIC, AND BIOLOGICAL CHEMISTRY–GE

Examination of those aspects of inorganic and organic chemistry that are pertinent to biology and chemistry. Examines the structures and metabolic reactions of biomolecules. Provides a background for nursing, family and consumer sciences and physical education majors. (Meets a general education requirement; does not count toward the Chemistry major.) One three-hour laboratory each week.

Corequisite: Mathematics 099 or equivalent.

CHE 151 (1) GENERAL CHEMISTRY TUTORIAL

Tutorial session accompanying Chemistry 152. To reinforce problem solving skills necessary for the successful completion of General Chemistry. One hour per week. Can be waived by exam. Graded CR/NC.

Corequisite: Chemistry 152.

CHE 152 (4) GENERAL CHEMISTRY I–GE

Study of the basic principles of modern chemistry. Emphasis on atomic and molecular structure, chemical bonding, gas laws, states of matter, and solutions. One three and one-half-hour laboratory each week.

Prerequisite: Satisfactory high school background or Chemistry 103 or 110.

Corequisites: Mathematics 123 and Chemistry 151 unless waived.

CHE 153 (4) GENERAL CHEMISTRY II

Study of the basic principles of modern chemistry. Emphasis on chemical kinetics and equilibrium, acid base theory, thermodynamics, solubility, metals, and general descriptive chemistry. One three and one-half-hour laboratory each week.

Prerequisites: Chemistry 152.

CHE 211 (2) ANALYTICAL CHEMISTRY

Examination of the theories and techniques of quantitative chemical analysis, with some emphasis on instrumental methods. Two four-hour laboratories each week. Offered on a Quad basis.

Prerequisite: Chemistry 153.

CHE 295 (5) ORGANIC CHEMISTRY I

Study of organic compounds by functional group families with emphasis on structures, reactions, mechanisms, stereochemistry, and synthesis. One four-hour laboratory each week.

Prerequisite: Chemistry 153.

Upper-Division

CHE 300 (2) ORGANIC CHEMISTRY II

Examination of basic organic chemistry from a mechanistic perspective. Laboratory introduces microscale techniques. One four-hour laboratory each week. Offered on a Quad basis.

Prerequisite: Chemistry 295.

CHE 325 (5) PHYSICAL CHEMISTRY I

Study of classical thermodynamics as it is applied to physical and chemical systems. Includes discussion of the three laws and their application to thermochemistry, reaction energetics and chemical equilibrium. Reaction kinetics, transport phenomena and kinetic molecular theory are also investigated. One four-hour laboratory each week.

Prerequisites: Chemistry 211, Physics 142 or 242, and Mathematics 144 or 164.

CHE 326 (2) PHYSICAL CHEMISTRY II

Investigation of matter from a quantum chemistry perspective with particular emphasis on the theoretical concepts and their implications for chemical bonding theory and molecular spectroscopy. Offered on a Quad basis.

Prerequisites: Chemistry 211, Physics 142 or 242, and Mathematics 144 or 164.

CHE 327 (1) PHYSICAL CHEMISTRY II LABORATORY

Designed to accompany Chemistry 326. Molecular structure and interactions are investigated using spectroscopic methods including ultraviolet-visible and FT-infrared. One four-hour laboratory each week.

Offered on a Quad basis.
Corequisite: Chemistry 326.

CHE 351 (2) ORGANIC QUALITATIVE ANALYSIS

Study of techniques used to identify organic compounds using physical and chemical properties, infrared and nuclear magnetic resonance spectroscopy, and mass spectrometry.
Two four-hour laboratories each week. Offered on a Quad basis.
Prerequisites: Chemistry 300 and consent of instructor.

CHE 370 (2) INSTRUMENTAL ANALYSIS

Analytical analysis using instruments such as gas chromatography, high performance liquid chromatography, ultraviolet-visible, FT-infrared and nuclear magnetic resonance spectroscopy, and mass spectrometry. Two four-hour laboratories each week. Offered on a Quad basis.
Prerequisites: Chemistry 211 and consent of instructor.

CHE 450 (4) ADVANCED BIOCHEMISTRY

Detailed analysis of protein and membrane structure. Includes quantitative approaches to the study of enzymes, catalytic mechanisms of enzymes, and a survey of the major metabolic pathways of carbohydrates, lipids, amino acids and nucleic acids. One three-hour laboratory each week. Also listed as Biology 450.
Prerequisites: Biology 210 and Chemistry 295.

CHE 453 (2) ADVANCED ORGANIC CHEMISTRY

Advanced study of organic reaction mechanisms including: the Hammett equation, isotope and substituent effects and orbital symmetry. Modern synthetic reactions are presented. Offered on a Quad basis.
Prerequisite: Chemistry 300 and consent of instructor.

CHE 454 (1) ADVANCED ORGANIC CHEMISTRY LABORATORY

Designed to accompany Chemistry 453. Emphasis on modern synthetic methods and purification of complex reaction mixtures. One four-hour laboratory each week. Offered on a Quad basis.
Corequisite: Chemistry 453.

CHE 466 (2) ADVANCED INORGANIC CHEMISTRY

Development of the broad principles and theories of inorganic chemistry with emphasis on atomic structure, chemical bonding, acid-base theory, and the structural and dynamic features of inorganic compounds. Metal and non-metal substances are considered. Offered on a Quad basis.
Prerequisites: Chemistry 325 or consent of instructor.

CHE 467 (1) ADVANCED INORGANIC CHEMISTRY LABORATORY

Designed to accompany Chemistry 466. Emphasis on the synthesis and characterization of metallic and non-metallic compounds. One four-hour laboratory each week. Offered on a Quad basis.
Corequisite: Chemistry 466.

CHE 475 (2) SPECIAL TOPICS IN CHEMISTRY

Discussion of chemical topics of special relevance to students and faculty. Possible topics include: statistical thermodynamics, group theory and molecular spectroscopy, enzyme kinetics, photochemistry, organometallic chemistry, organofluorine chemistry, medicinal chemistry, electrophilic and radical additions, and mechanistic aspects of water chlorination. Offered on a Quad basis.
Prerequisites: Chemistry 300 and 325 or consent of instructor.

CHE 490 (1-3) INTERNSHIP IN CHEMISTRY

Authentic work experience in jobs that are oriented to the field of chemistry and that include some responsibility for decision making, problem solving, and the use of techniques, skills, and knowledge acquired in the classroom. May be repeated to a maximum of three units. Graded Credit/No Credit. Offered every year.
Prerequisites: Junior or Senior standing. Consent of department chair and faculty advisor.

CHE 495 (1) CHEMISTRY SEMINAR

Presentation of papers by students and visiting scholars, and attendance at off-campus seminars.

CHE 499 (1-2) RESEARCH IN CHEMISTRY

An independent investigation, under faculty supervision, of a specific problem at the frontier of a chemical field. Includes weekly discussion sessions. Open to juniors and seniors. May be repeated up to a maximum of four units.
Corequisite: Chemistry 495 or consent of instructor.

Physical Science Courses

PSC 103 (4) EARTH SCIENCE – GE

An introductory survey of the disciplines of geology, oceanography, meteorology, and astronomy with discussion of philosophical and societal issues.

Corequisite: Mathematics 099 or equivalent.

PSC 110 (4) PHYSICAL SCIENCE – GE

An introductory survey of selected principles in physics and chemistry with a discussion of related societal and environmental issues. (Meets a general education requirement; does not count toward the Chemistry or Physics major.) One three-hour laboratory each week.

Corequisite: Mathematics 099 or equivalent.

COMMUNICATION AND THEATRE

Purposes

- To instruct students in the philosophy, content, methodology, skills, and responsibilities of communication;
- To provide specialized training for those entering communication-centered professions including: management, sales, public relations, training; broadcasting and electronic media; and theatre and the performing arts;
- To provide background courses for those desiring to enter communication related fields including ministry, law, education, government, social services, journalism, and graduate studies;
- To help students develop skills through involvement in a nationally competitive forensics program, internships in major corporations, law firms, radio and television stations, and professional theatre companies.

Tradition of Excellence

The Department of Communication and Theatre is a comprehensive and dynamic department that prepares students for leadership in a variety of communication-intensive careers. Classroom instruction is enhanced by the smaller class sizes and individual attention from faculty who are committed to the academic and personal success of each student. There are five programs of study to choose from: Communication (general), Managerial and Organizational Communication, Theatre, Media Communication and an interdepartmental major in Broadcast Journalism. As a part of the curriculum, a 120-hour internship must be completed; often, internships can result in full-time jobs upon graduation.

Career Opportunities

Experiences in the classroom are greatly enhanced by the department's co-curricular and professional opportunities. Point Loma Nazarene University has one of the most respected and award-winning speech and debate teams in the nation. The Theatre program has been the home for more than 115 stage productions in the last 30 years including *Hamlet*, *Romeo and Juliet*, *My Fair Lady*, *The Sound of Music*, *Waiting for Godot*, *You Can't Take It With You*, and *The Caucasian Chalk Circle*.

The department also supervises an on campus cable television channel – CCTV-3 and an Internet-based radio station, KPLR. Both stations are student-managed, creating original productions for on-campus audiences. The stations are based in well equipped facilities which include a multi-camera studio, digital audio and video editing, field production cameras and radio broadcast booths. Recent showcase productions include independent films, a game show and an all day Christmas music request show raising money for local charities. Students also have opportunities to work in PLNU publications such as the student newspaper, yearbook, and literary magazine.

Communication students seeking further academic opportunities have presented original research at professional conferences and gained successful admission into graduate schools.

A degree in Communication and Theatre can prepare a student for a career in media, communication and business, public relations, theatre and performing arts and other related careers in politics and government, law, social and human services, journalism, and ministry.

Majors and Minors

Majors

- Broadcast Journalism
- Communication
 - Societal Communication
 - Public Address

- Managerial and Organizational Communication
- Media Communication
 - Multimedia
 - Performance
 - Production
 - Film Studies

- Theatre

Minors

- Communication
- Media Communication
- Public Relations
- Theatre

Courses

Faculty

Paul R. Bassett, M.F.A., J.D., Chair
Southern Methodist University

Bob Brower, Ph.D.
University of Kansas

Kathleen C. Czech, Ed.D.
University of Nevada, Reno

G. L. Forward, Ph.D.
The Ohio State University

Clark F. Greer, Ph.D.
Bowling Green State University

Alan C. Hueth, Ph.D.
University of Dayton

Skip Rutledge, Ph.D.
Regent University

Walter O. Williams, Ph.D.
Regent University

Ronda R. Winderl, Ph.D.
New York University

BROADCAST JOURNALISM MAJOR

Point Loma Nazarene University offers a major in Broadcast Journalism, sponsored jointly by the Department of Communication and Theatre and the Department of Literature, Journalism, and Modern Languages. Students may direct their questions to either department.

LOWER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
COM 150	Introduction to Media Communication	3
COM 195	Media Literacy	3
COM 243	Introduction to TV and Film Production	3
COM 275	Audio Production	2
WRI 215	Newspaper Workshop	1
WRI 250	Introduction to Journalism	3
	TOTAL	15

UPPER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
COM 350	Electronic Media in Communication	3
COM 425	Advanced Television Workshop	1
COM 435	Advanced Audio Production	1
WRI 311	Radio Newswriting	2
WRI 312	Television Newswriting	3
WRI 340	Media Ethics and Law	3
WRI 323	Creative Writing: Creative Non-fiction	3
	One upper-division course in Literature (other than general education literature)	3
WRI 470	Writing Internship (2) OR	
COM 421	Communication Internship	2-3
WRI 445	Television News (3) OR	
COM 445	Television News	3
	TOTAL	24-25

Note: Writing 312 and Communication 445 are corequisites and must be taken in the same semester.

ELECTIVES

COURSE	TITLE	UNITS
Take one (1) course from the following:		
WRI 310	Advanced Reporting	3
WRI 313	Electronic Journalism	3
WRI 350	Writing for the Mass Media	3
Take one (1) course from the following:		
COM 442	Field Television Production	2
COM 443	Studio Production	2
TRE 250	Voice and Diction	2
WRI 330	Photojournalism	3
	ELECTIVES TOTAL	5-6
	MAJOR TOTAL	44-46

COMMUNICATION MAJOR

LOWER-DIVISION CORE REQUIREMENTS

COURSE TITLE	UNITS
COM 190 Interpersonal Communication	3
COM 195 Media Literacy	3
COM 220 Small Group Communication	3
COM 231 Argumentation and Debate	3
WRI 250 Introduction to Journalism	3
TOTAL	15

UPPER-DIVISION CORE REQUIREMENTS

COURSE TITLE	UNITS
COM 422 Portfolio Construction	1
COM 460 Rhetorical Theories and Models	3
COM 465 Communication Theories and Research	3
COM 485 Communication, Values, and Society	2
TOTAL	9

UPPER-DIVISION ELECTIVES – 12 UNITS

COURSE TITLE	UNITS
<i>Choose 12 units from:</i>	
COM 310 Nonverbal Communication	3
COM 312 Gender and Communication	3
COM 330 Persuasion	3
COM 365 Intercultural Communication	3
COM 390 Introduction to Public Relations	3
COM 490 Special Studies in Communication	3
TOTAL	12

CONCENTRATIONS

Choose Societal Communication Concentration OR Public Address Concentration

Societal Communication

LOWER-DIVISION REQUIREMENTS

COURSE TITLE	UNITS
<i>Choose one course from:</i>	
SOC 101 Introduction to Sociology**	3
SOC 201 Cultural Anthropology	3
TOTAL	3

***Meets a general education requirement.*

UPPER-DIVISION REQUIREMENTS

COURSE TITLE	UNITS
COM 421 Communication Internship	3
Choose two (2) courses from:	
COM 260 Advanced Public and Professional Speaking	3
PSY 320 Social Psychology	3
PSY 345 Group Dynamics	3
SOC 440 Collective Behavior	3

WRI 365	Technical and Business Writing	3
TOTAL		9-10
Combined Core and Societal Communication Concentration Requirements;		48-49
Lower Division = 15 Units		
Upper Division = 33-34 Units		

Public Address

OTHER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
COM 210/420	Communication Practicum I or II	4
COM 260	Advanced Public and Professional Speaking	3
COM 315	Oral Interpretation	3
Choose one (1) course from:		
TRE 250	Voice and Diction	2
TRE 270	Acting I	3
Combined Core and Public Address Concentration Requirements;		45-49
Lower Division: 24-25 Units		
Upper Division: 21-24 Units		

MANAGERIAL AND ORGANIZATIONAL COMMUNICATION MAJOR

LOWER-DIVISION CORE REQUIREMENTS

COURSE	TITLE	UNITS
ACC 201	Principles of Accounting I	4
ECO 102	Principles of Economics II**	3
COM 190	Interpersonal Communication	3
COM 220	Small Group Communication	3
MTH 203	Introduction to Statistics	3

Lower-division units: (16 units
excluding 3 counted toward
general education). 13

***Meets a general education requirement .*

*Note: All majors take Communicatin 100 (3) as an
additional general education requirement.*

UPPER-DIVISION CORE REQUIREMENTS

COURSE	TITLE	UNITS
COM 330	Persuasion	3
COM 340	Organizational Communication	3
COM 345	Management Communication	3
COM 421	Communication Internship	3
COM 422	Portfolio Construction	1
COM 465	Communication Theories and Research	3
COM 485	Communication, Values, and Society	2
TOTAL		18

Take one (1) course from the following:

COURSE	TITLE	UNITS
COM 260	Advanced Public and Professional Speaking	3
WRI 365	Technical and Business Writing	3

Take one (1) course from the following:

COM 390	Introduction to Public Relations	3
COM 450	Communication Training and Development	2
COM 490	Special Studies in Communication	3

*Take two (2) courses from the following nine
options:*

COM 365	Intercultural Communication	3
BUS 332	Principles of Marketing	4
BUS 334	Professional Selling and Sales Management	4
BUS 336	Advertising and Promotion Management	4
BUS 340	Real Estate Principles and Practices	4
BUS 374	Human Resource Management	4
BUS 470	Nonprofit Organization Management	4

HON 498/ Honors Project I and II HON 499 (counts as one course)	3
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Upper-Division Units	29-35
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Total Units Required for Major	42-46*
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**Depending on specific
courses selected and not
including units counted toward
general education
requirements.*

MEDIA COMMUNICATION MAJOR

LOWER-DIVISION CORE REQUIREMENTS

COURSE	TITLE	UNITS
COM 150	Introduction to Media Communication	3
COM 175	Scriptwriting for Television and Film	3
COM 195	Media Literacy	3
COM 243	Introduction to TV and Film Production	3
COM 275	Audio Production	2
WRI 215	Newspaper Workshop OR	1
WRI 216	Literary Magazine Workshop OR	
WRI 217	Yearbook Workshop	
	TOTAL	15

UPPER-DIVISION CORE REQUIREMENTS

COURSE	TITLE	UNITS
COM 421	Communication Internship	3
COM 465	Communication Theories and Research	3
COM 485	Communication, Values, and Society	2
	TOTAL	5-8

UPPER-DIVISION ELECTIVES

Choose nine (9) units from:

COM 300	Narrative and Documentary Film	3
COM 340	Organizational Communication	3
COM 350	Electronic Media in Comm.	3
COM 390	Introduction to Public Relations	
COM 490	Special Topics in Communication	1-3
WRI 340	Media Ethics and Law*	3

Students with a Film Studies concentration may also select the following two courses:

COM 442	Field Production	2
COM 443	Studio Production	2
	TOTAL	9

WRITING ELECTIVES

Choose one (1) courses from:

WRI 250	Introduction to Journalism	3
WRI 320	Creative Writing:Mixed	3
WRI 322	Creative Writing:Fiction	3
WRI 323	Creative Writing: Non-Fiction	3
	TOTAL	3

Concentrations

Choose one track and select electives among the choices.

Multimedia

COURSE	TITLE	UNITS
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Take a total of 8 units from:

ART 103	Two-Dimensional Design	3
ART 215	Introduction to Computer Graphics	3
ART 315	Introduction to Interactive Applications	3
ART 450	Advanced Concepts of Graphic Design: Interactivity	3
COM 420	Communication Practicum	1-2
TOTAL		8

Performance

COURSE	TITLE	UNITS
Take a total of 8 units from		
COM 231	Argumentation and Debate	3
COM 260	Advanced Public and Professional Speaking	3
COM 420	Communication Practicum	1
COM 425	Advanced TV Workshop	1
COM 435	Advanced Audio Production	1
COM/ WRI 445	Television News	3
TRE 250	Voice and Diction	2
TRE 270	Acting I	3
TOTAL		8

Production

COURSE	TITLE	UNITS
Take a total of 8 units from:		
COM 420	Communication Practicum	1
COM 425	Advanced TV Workshop	1
COM 435	Advanced Audio Production	1
COM 442	Field Production	2
COM 443	Studio Production	2
COM 445	Television News	3
TRE 436	Stagecraft Techniques	2
TRE 437	Lighting and Makeup	3
TOTAL		8

Film Studies

Student must be accepted into the LAFSC program in order to complete this concentration.

COURSE	TITLE	UNITS
COM 470	Hollywood Production Workshop	4
COM 471	Theology in Hollywood	4
COM 472	Internship: Inside Hollywood	6
Choose one of the following:		
COM 473	Motion Picture Production	3
COM 474	Professional Screenwriting	3
COM 480	Independent Study	3
Total units required for major		43
TOTAL for Film Studies		49

THEATRE MAJOR

LOWER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
TRE 101	Introduction to Theatre**	2
TRE 204	Orientation to Theatre	3
TRE 250	Voice and Diction	2
TRE 270	Acting I	3
TOTAL		10

**Meets a general education requirement.

UPPER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
TRE 304	Theatre History	3
TRE 354	Movement I	3
TRE 370	Acting II	3
TRE 385	Directing	2
TRE 436	Stagecraft Techniques	2
TRE 437	Lighting and Makeup Techniques	2
TRE 451	Movement II	3
COM 460	Rhetorical Theories and Models (3) OR	
COM 465	Communication Theories and Research	3
COM 485	Communication, Values, and Society	2
<i>Three additional upper-division units in Communication or Theatre, excluding Communication 420 or Theatre 420</i>		3
TOTAL		26

ADDITIONAL REQUIREMENTS

COURSE	TITLE	UNITS
TRE 210	Theatre Practicum I AND/OR	1-3
TRE 420	Theatre Practicum II (2-6)	2-6
TRE 422	Portfolio Construction (1)	1
TOTAL		8

RECOMMENDED

COURSE	TITLE	UNITS
TRE 350	Musical Theatre	3
TRE 490	Theatre and Drama in Great Britain	3
LIT 206	Great Works in a Literary Genre: Drama	2
LIT 361	World Drama and Poetry	3
TOTAL UNITS RERQUIRED FOR MAJOR		44

COMMUNICATION MINOR

LOWER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
<i>Choose two (2) courses from the following:</i>		
COM 190	Interpersonal Communication	3
COM 220	Small Group Communication	3
COM 231	Argumentation and Debate	3
COM 260	Advanced Public Speaking	3
	TOTAL	6

UPPER-DIVISION ELECTIVES

<i>Choose any four (4) courses from the following:</i>		
COM 310	Nonverbal Communication	3
COM 312	Gender and Communication	3
COM 315	Oral Interpretation	3
COM 340	Organizational Communication	3
COM 345	Management Communication	3
	TOTAL	12
	MINOR TOTAL	18

MEDIA COMMUNICATION MINOR

CORE REQUIREMENTS

COURSE	TITLE	UNITS
COM 150	Introduction to Media Communication	3
COM 175	Scriptwriting for Television and Film	3
COM 243	Introduction to TV and Film Production	3
COM 275	Audio Production	2
	TOTAL	11

UPPER DIVISION ELECTIVES

Choose twelve (12) units from the following courses:

COM 300	Narrative and Documentary Film	3
COM 350	Electronic Media Communication	3
COM 420	Communication Practicum II	1-2
COM 425	Television Workshop	1
COM 435	Advanced Audio Production	1
COM 442	Field Television Production	2
COM 443	Studio Television Production	2
COM 490	Special Topics in Media Communication	3
	TOTAL	12
	MINOR TOTAL	23

PUBLIC RELATIONS MINOR

The minor in Public Relations is interdepartmental with the Fermanian School of Business, the Department of Literature, Journalism, and Modern Languages, and the Department of Communication and Theatre.

REQUIREMENTS

COURSE	TITLE	UNITS
BUS 332	Principles of Marketing	4
COM 330	Persuasion	3
COM 390	Introduction to Public Relations	3
COM 405	Public Relations Cases and Campaigns	3
WRI 250	Introduction to Journalism	3
WRI 355	Public Relations Writing	
	MINOR TOTAL	19

THEATRE MINOR

CORE REQUIREMENTS

COURSE	TITLE	UNITS
TRE 204	Orientation to Theatre	3
TRE 270	Acting I	3
LOWER-DIVISION TOTAL		6

UPPER-DIVISION ELECTIVES:

Choose 12 units from the following courses:

TRE 304	Theatre History	3
TRE 354	Movement I	3
TRE 370	Acting II	3
TRE 436	Stagecraft Techniques	2
TRE 437	Lighting and Makeup Techniques	2
TRE 451	Movement II	3
UPPER-DIVISION TOTAL		12
MINOR TOTAL		18

COMMUNICATION AND THEATRE COURSES

Communication

Lower-Division

COM 100 (3) PRINCIPLES OF HUMAN COMMUNICATION—GE

A survey of the human communication process. Emphasis is placed on intrapersonal, interpersonal, and public communication. Particular attention is paid to the preparation and presentation of speeches. Offered fall and spring.

COM 150 (3) INTRODUCTION TO MEDIA COMMUNICATION

Explores the development and influences of mass media (books, newspapers, magazines; film; radio, television, and internet) in contemporary society. Considers the rights and responsibilities of producers and consumers of mass communication. Offered fall and spring.

COM 175 (3) SCRIPTWRITING FOR TELEVISION AND FILM

A survey of the process, forms, and techniques for writing scripts for television and film. This includes advertising, documentary, corporate training and promotion, magazine, sports, variety, drama, and comedy. Offered fall.

COM 190 (3) INTERPERSONAL COMMUNICATION

Focuses on the social scientific study of dyadic (two-person) communication. Opportunities are given to integrate theory and practice in an effort to stimulate self-awareness and highlight taken-for-granted aspects of interpersonal communicative behavior. Offered fall and spring.

COM 195 (3) MEDIA LITERACY

A critical approach to interpreting media messages is grounded in the study of how messages are constructed, how media industries function and how communication theory and research explain media impact on society. Emphasis is placed on making informed choices as a media consumer, and considering the impact of media from a Christian perspective. Offered fall and spring.

COM 210 (1-2) COMMUNICATION PRACTICUM I

Requirements vary according to the activity developed in consultation with the instructor. May be repeated up to a total of three units. Graded Credit/No Credit. Offered fall and spring.

COM 220 (3) SMALL GROUP COMMUNICATION

Analysis of the communicative behavior of group members. Theory, methods, and practical application in developing the art of communicating effectively in a variety of task-oriented groups. Offered fall and spring.

COM 231 (3) ARGUMENTATION AND DEBATE-GE

A study of the development of argumentation from classical rhetoricians to contemporary research theories. Practical application of this study through participation in debates and other forensic experiences. Offered each fall.

COM 243 (3) INTRODUCTION TO TV AND FILM PRODUCTION

Fundamentals of studio and field TV and film production. This includes basic technical and creative aspects of camera, lighting, sound, graphics, producing, directing, and editing. Group projects are viewed and critiqued by peers and the instructor for consideration of being included on the campus cable TV channel. Offered fall and spring.

COM 260 (3) ADVANCED PUBLIC AND PROFESSIONAL SPEAKING

Development of speaking skills for public and professional arenas, such as business, government, media, education and the ministry. Appropriate presentational technology is examined along with audience analysis and adaptation techniques. Offered every spring. *Prerequisite: Communication 100.*

COM 275 (2) AUDIO PRODUCTION

A basic course that provides students with skills in writing and production of audio content for radio (e.g., commercials, promotional announcements, PSAs), and TV and film (multi-track recording, mixing, and sound effects). Course deals with announcing acoustics, microphones, and remote broadcasts. Required for broadcast journalism majors and other students desiring to work at KPLR. Offered fall and spring.

Upper-Division

COM 300 (3) NARRATIVE AND DOCUMENTARY FILM

A survey of narrative and documentary motion pictures, from Edison and Lumiere to the present. Course covers the historical, structural, technological, and aesthetic trends of motion pictures through the viewing and analysis of selected classic films that exemplify these trends. Course also includes readings and online discussion about issues of Christian faith and film. Offered fall 2008.

COM 310 (3) NONVERBAL COMMUNICATION

Theory and research on nonverbal aspects of speech communication, emphasizing the importance of time, space, body language, touch and vocalics. Offered each spring. *Prerequisite: Communication 100.*

COM 312 (3) GENDER AND COMMUNICATION-WS

A study of how the self-perception of men and women evolves as a function of cultural influences and the differences and similarities in the way each uses communication patterns. Offered spring 2010.

COM 315 (3) ORAL INTERPRETATION

Analysis of techniques of oral interpretation to develop reading skills, with intensive practice in various literary forms (prose, drama, and poetry). Offered fall 2008.

COM 330 (3) PERSUASION

Study of the social scientific theory and practice of persuasion. Persuasion is situated within the broader notion of influence. Topics include persuasion tactics, audience analysis and research, and modern advertising practices. Offered fall and spring.

COM 340 (3) ORGANIZATIONAL COMMUNICATION

A study of traditional, modern, and post-modern approaches to organizational communication as well as its functions, forms and consequences. Provides a theoretical overview of management theory and gives practical insights for communicating in a variety of organizations. Offered fall and spring.

COM 345 (3) MANAGEMENT COMMUNICATION

An in-depth analysis of the primary issues in management communication including leadership, conflict, decision-making, and ethics. Students explore the communication abilities, dilemmas, and challenges confronting organizational leaders. Offered spring 2010.

COM 350 (3) ELECTRONIC MEDIA IN COMMUNICATION

Critical examination of forces that shape the history and future of electronic media in the United States. Primary attention is given to the role of regulatory law, economics, and technology. Offered spring 2010. *Prerequisite: Communication 150.*

COM 365 (3) INTERCULTURAL COMMUNICATION

A study of intercultural principles, processes, and topics including; verbal and nonverbal communication, perception, cultural values and expectations, and media impact. Students develop an increased awareness, understanding, and appreciation of other cultures. Offered Spring 2009.

COM 390 (3) INTRODUCTION TO PUBLIC RELATIONS

An introduction to the theory and practice of public relations. This includes public relations roles, publics, research, media relations, special events, and an introduction to cases and campaigns of public relations. This course considers the process of public information dissemination in business, educational, and nonprofit organizational settings. Offered every spring.

COM 405 (3) PUBLIC RELATIONS CASES AND CAMPAIGNS

This course involves the study and application of organizational policy objectives to public relations program development. It includes case studies from PR history as well as methods of audience research, data analysis and planning of strategic communication objectives. Students plan and execute a public relations program for an established organization. Offered Spring 2009. *Prerequisite: Communication 390.*

COM 420 (1-2) COMMUNICATION PRACTICUM II

Continued application of communication concepts and skills. Requirements vary according to the activity developed in consultation with the instructor. Credit not applicable toward upper-division requirements in the department. May be repeated for up to a total of eight units. Graded Credit/NoCredit. Offered fall and spring.

Prerequisite: Prior university experience in applied communication activities.

COM 421 (3) INTERNSHIP IN COMMUNICATION

Participation in an internship supervised by departmental faculty. May be repeated up to a total of six units. Graded Credit/No Credit. Offered fall and spring.

Prerequisite: Junior or Senior standing.

COM 422 (1) PORTFOLIO CONSTRUCTION

Completion of a portfolio and supporting documentation for assessment and preparation for employment. Graded Credit/No Credit. Offered fall and spring.

Prerequisite: Consent of instructor.

COM 425 (1) ADVANCED TELEVISION WORKSHOP

Planning, production and presentation of television programming for multiple audiences. Required of upper-division students working as staff for campus television channel. Group projects are viewed and critiqued by peers and the instructor for consideration of being included on the campus cable TV channel. May be repeated up to a total of six units. Offered fall and spring.

Prerequisite: Communication 243.

COM 435 (1) ADVANCED AUDIO PRODUCTION

Required for broadcast journalism majors and students desiring to work at KPLR. Students are responsible for a minimum of 30-hours per semester of work, including music programming, news, sports, and station management. May be repeated up to a total of four units. Offered fall and spring.

Prerequisite: Communication 275.

COM 442 (2) FIELD TELEVISION PRODUCTION

Television production and operations associated with field production including concepts and practices in scripting, producing, editing, and on-location directing with a single-camera format. Group projects are viewed and critiqued by peers and the instructor for consideration of being included on the campus cable TV channel. Offered spring 2010.

Prerequisite: Communication 225.

COM 443 (2) STUDIO TELEVISION PRODUCTION

Television production and operations associated with studio production including concepts and practices in scripting, producing, and directing for multi-camera studio production. Group projects are viewed and critiqued by peers and the instructor for consideration of being included on the campus cable TV channel. Offered spring 2009.

Prerequisite: Communication 225.

COM 445 (3) TELEVISION NEWS

An advanced course combining principles of journalistic writing and reporting with the field production techniques of television news. Students learn the basic concepts of reporting and producing a television news program and apply those concepts in a weekly newscast. Offered spring 2010.

Prerequisites: Writing 250, Communication 225.

Corequisite: Writing 312 (Broadcast Journalism majors only)

COM 450 (2) COMMUNICATION TRAINING AND DEVELOPMENT

This course acquaints the prospective human resources trainer and/or consultant with the skills to design, implement, and assess communication instructional programs. Each participant in this experiential class develops a one-half day training program suitable for a professional audience. Offered fall 2008.

Prerequisites: Junior or Senior standing.

COM 460 (3) RHETORICAL THEORIES AND MODELS

Development of rhetorical theory and rhetorical criticism, from ancient Greece through the present, as mechanisms for generating and understanding public address. Offered fall 2009.

COM 465 (3) COMMUNICATION THEORIES AND RESEARCH

Survey of contemporary approaches to human communication emphasizing theory development, epistemological perspectives, meaning negotiation, and research methodology. Participants complete an original research project that is publicly presented in a poster session. Offered fall and spring.

Prerequisite: Junior or Senior standing.

COM 480 (3) INDEPENDENT STUDY

This course may be setup by special request and arrangement. In order to be considered students may submit a portfolio and a project proposal. Students with approved projects will be appointed a mentor who is a professional in the Hollywood industry to supervise the project. Projects could include further development of a portfolio or reel, critical research, or a senior thesis project. The independent study option is not guaranteed and is intended for students with experience in a specific area of cinema or those needing to complete a senior project for graduation. The number of independent studies offered each semester is determined by Los Angeles Film Studies Center (LAFSC) faculty, the availability of a suitable mentor, and approval from the department chair.

COM 485 (2) COMMUNICATION, VALUES, AND SOCIETY

Senior seminar series focused on value-driven approaches to communication, applying a Christian perspective to real world contexts. Required of all majors in the department. Offered fall and spring.

Prerequisite: Senior standing.

COM 490 (1-3) SPECIAL STUDIES IN COMMUNICATION

Intensive study of a selected problem by an individual or group in the field of communication and theatre under the direction of a member of the department. May be repeated up to a total of six units.

Prerequisite: Consent of instructor.

Theatre

Lower-Division

TRE 101 (2) INTRODUCTION TO THEATRE—GE

Introductory theatre appreciation course. Historical and stylistic developments are studied as well as the

elements of theatre. Includes basic terminology and instruction for aesthetic understanding of western theatre form. Offered fall and spring.

TRE 204 (3) ORIENTATION TO THEATRE

Entry level course for the student majoring in theatre as well as for those interested in a deeper understanding of the theatrical profession. Course includes study and discussion of critical issues within the arts as well as tours of local professional theatres, libraries, and bookstores. Offered each spring.

TRE 210 (1-2) THEATRE PRACTICUM I

Requirements vary according to the activity developed in consultation with the instructor. May be repeated up to a total of three units. Graded Credit/No Credit. Offered fall and spring.

TRE 250 (2) VOICE AND DICTION

Practical training in developing the speaking voice, articulation, and pronunciation through a variety of applications including stage, film, and broadcasting. Offered every spring.

TRE 270 (3) ACTING I

Development of basic acting techniques and vocabulary through exercises, character analysis, monologues, and scene work. Offered fall 2008.

Upper-Division

TRE 304 (3) THEATRE HISTORY

Creative study of theatre practice, trends, and styles from the Greeks to the present. Offered spring 2010.

TRE 350 (3) MUSICAL THEATRE

Exploration of the historical and theoretical approaches for this unique genre, as well as development of practical performances skills. Acting, directing, and choreographing is explored in workshop performances from representative musicals, in addition to attending and analyzing area productions. Offered spring 2010.

TRE 354 (3) MOVEMENT I

Introduction to the Laban "effort shaping" method. Essential for the study of mime, mask, and advanced stage movement techniques. Offered each fall.

TRE 370 (3) ACTING II

Advanced study of role interpretation, with emphasis on character analysis and scene work. Offered fall 2009.

Prerequisite: Theatre 270.

TRE 385 (2) DIRECTING

Consideration of aesthetic and technical aspects of stage directing. Focuses on script analysis and interpretation, conceptualization, and theatrical communication. Offered fall 2008. *Prerequisites: Theatre 270 and 354.*

TRE 420 (1-2) THEATRE PRACTICUM II

Prior university experience in applied theatre activities is required. Continued application of communication concepts and skills. Requirements vary according to the activity developed in consultation with the instructor. Credit not applicable toward upper-division requirements in the department. May be repeated for up to a total of eight units. Graded Credit/No Credit. Offered fall and spring.

TRE 421 (3) INTERNSHIP IN THEATRE

Participation in an internship supervised by departmental faculty. May be repeated up to a total of six units. Graded Credit/No Credit.

Prerequisite: Senior standing or consent of instructor.

TRE 422 (1) PORTFOLIO CONSTRUCTION PRACTICUM

Completion of portfolio and/or supporting documentation for evaluative instruments of performance assessment. Graded Credit/No Credit.

TRE 436 (2) STAGECRAFT TECHNIQUES

Study of production and stagecraft practice including selection of script, management, set and costume design and construction, props, and sound. Offered each spring.

TRE 437 (2) LIGHTING AND MAKEUP TECHNIQUES

Study of McCandless lighting theory and practice, as well as study of street and stage makeup techniques. Students complete practical exercises in design and application for both areas. Offered each spring.

TRE 451 (3) MOVEMENT II

Continuation of the Laban "effort shaping" method with emphasis on construction of a "movement piece." Offered spring 2009.

Prerequisite: Theatre 354.

TRE 490 (1-3) SPECIAL STUDIES IN THEATRE

Intensive study of a selected problem by an individual or group in the field of theatre under the direction of a member of the department. May be repeated up to a total of six units. *Prerequisite: Consent of instructor.*

LOS ANGELES FILM STUDIES CENTER COURSES

The Los Angeles Film Studies Center (LAFSC) is a selective, off-campus cooperative program sponsored by the Council for Christian Colleges and Universities (CCCU) in partnership with Point Loma Nazarene University. Students must meet academic requirements and exhibit Christian commitment in order to be recommended to the program by PLNU, and the final selection is made by LAFSC. The program is open to students from any field of study and credits may be counted toward completion of the Media Communication major.

The following courses are offered at LAFSC only and are available to full-time students who have been accepted into the off-campus program:

COM 470 (3) HOLLYWOOD PRODUCTION WORKSHOP

A series of lecture/discussions focused on the development and integration of a Christian world-view as it relates to the Hollywood entertainment industry.

COM 471 (4) THEOLOGY IN HOLLYWOOD

A study of the relationship between film and popular culture, with emphasis on Christianity's role in these arenas. The course examines how faith, film, and culture mutually influence one another.

COM 472 (3/6) INTERNSHIP: INSIDE HOLLYWOOD

Students participate in an internship experience in some aspect of the Hollywood film or television industry. These are non-paying positions primarily in an office setting such as development companies, agencies, personal management companies, production offices, etc. Orientation to the internship includes an overview of the creative and operational aspects of the Hollywood entertainment business, including the role of the Christian in entertainment. *Prerequisite: Consent of instructor.*

COM 473 (3) MOTION PICTURE PRODUCTION

An introduction to the theory and practice of motion picture filmmaking. Topics include familiarity with filmmaking equipment; basic motion picture techniques; converting idea to image; the use of lighting, editing and sound in film; and the role of acting, directing, and good storytelling in the filmmaking process.

COM 474 (3) PROFESSIONAL SCREENWRITING

An introduction to contemporary screenwriting, including an understanding of dramatic structure, character and dialogue development, and the writing process. Students complete a full-length screenplay for a feature film or "movie-of-the-week." Emphasis is given to the role of Christian faith and values as they relate to script content.

COM 475 (3) SEMINAR IN PRODUCING THE INDEPENDENT FILM

An introduction to the process of producing an independent feature film. Topics include legal structures, business plans, preproduction activities such as scheduling and budgeting, and an overview of the producer's role in production, post-production, and distribution.

COM 476 (3) ACTING IN HOLLYWOOD

An introduction for the practice of acting in the Hollywood entertainment arena. Topics include the role of agents, managers, casting directors and the unions; equity waiver theatres and showcases; photos and resumes and an exploration of the audition process used for commercials, live theatre, film, and television.

SCHOOL OF EDUCATION

Purposes

Point Loma Nazarene University's School of Education offers selected credential and degree programs of academic rigor in an environment of vital Christianity in the Wesleyan tradition. Our commitment is to prepare thoughtful, culturally sensitive, scholarly professional educators who utilize the latest research and exemplary methods to ensure learning and achievement. The faculty is committed to equip students to become influential moral and ethical leaders in a highly competitive, diverse, and ever-changing society.

Tradition of Excellence

The School of Education is approved by the California Commission on Teacher Credentialing to offer the following credentials: Multiple-Subject and Single-Subject and Special Education. The teacher education credential programs are offered in Arcadia, Bakersfield, the Inland Empire, and San Diego (Mission Valley). Exclusively in San Diego, undergraduates may take courses toward the credential; hence, the program described in this section refers only to that aspect of the program. Details of the broader education program are found in the *Catalog* for graduate studies. Faculty in the School of Education are practitioners and specialists in teacher education. The School articulates with all other academic departments and schools in the university regarding subject matter preparation of single-subject and multiple-subject teacher candidates. While the primary focus of the School of Education is to prepare teachers, many of the courses are also of value to those who are interested in professions such as social work, family and consumer sciences, religious studies, and early childhood education.

Career Opportunities

The professional program courses are sequenced to prepare candidates for success on the California Teacher Performance Assessment and in your teaching career. Throughout the program methodologies based on current practice and research are modeled and reinforced. The practice and application components of the methods courses are easily facilitated because the School of Education is field-based. Candidates are required to be in classrooms for approximately 85 hours of documented and evaluated observation and participation prior to student teaching.

Admission to the university may be considered Level 1 admission to the School of Education. However, it neither implies nor guarantees approval for student teaching (Level 2 admission). If, in the opinion of the School of Education, a student fails to meet acceptable professional and personal standards, it may disqualify any individual from attempting to complete preparation for a career in education. Students desiring to fulfill the requirements of a credential for public school service are advised to declare their intentions as early as possible in their academic careers. For the Multiple-Subject Credential candidate, this decision should be made during the first year of the student's enrollment at the university. The Single-Subject Credential candidate should decide no later than the sophomore year. Transfer students should consult with the appropriate departmental/school advisor immediately upon matriculation.

All prospective teachers should plan their major requirements and those set forth by the School of Education to establish the proper sequence of courses and the fulfillment of all professional requirements. The Credentialing and Educational Placement Office provides a variety of services: transcript evaluation, credential applications, and career services for the student. The credential analyst acts as a liaison between the candidate and the California Commission on Teacher Credentialing.

Major

Liberal Studies

Courses

Faculty

Laura L. Amstead, Ed.D.
Northern Arizona University

Don A. Burnard, Ed.D.
Regent University

Elizabeth A. Chamberlain, M.A.
Point Loma Nazarene University

Jerry R. Childs, M.A.
Point Loma Nazarene College

Conni C. Cintas, Ed.D.
University of La Verne

Carolyn Kay Croy, Ed.D.
University of Missouri, Kansas City

Shirlee M. Gibbs, Ed.D.
Northern Arizona University

Daniel N. Hall, M.A.
California State University, Bakersfield

Jill Hamilton-Bunch, Ph.D.
University of California, Santa Barbara

Cynthia G. Hurley, Ed.D.
University of La Verne

James E. Johnson, Ed.D.
University of Southern California

Robin J. Kohl, Ed.D.
Northern Illinois University

Andrea G. Liston, Ph.D.
Argosy University

Enedina Martinez, Ed.D.
Northern Arizona University

Gary N. McGuire, Ed.D.
University of La Verne

James C. (Corey) McKenna, Ph.D.
University of California, Santa Barbara

Jessica M. Miller, M.A.
Azusa Pacific University

Marjorie A. Morwood, M.A.
Pasadena College

Robert G. Morwood, Ed.D.
University of Southern California

Donald L. Phillips, M.A.
California State University, Bakersfield

Ray O. Posey, Ph.D.
Vanderbilt University

Gary L. Railsback, Ph.D., Dean
University of California, Los Angeles

David A. Stevens, M.S.
California State University, Fullerton

Dione Brooks Taylor, Ed.D.
Northern Arizona University

LIBERAL STUDIES MAJOR

LOWER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
BIB 101	Old Testament History and Religion	2
BIB 102	New Testament History and Religion	3
PSY 101	Psychology of Personal Development	4
	OR	
PSY 103	General Psychology	
WRI 110	College Composition	5
	OR	
WRI 115	College Composition (Writing)	3
	AND	
WRI 116	College Composition (Research)	2
COM 100	Principles of Human Communication	3
MTH 113	Intermediate Algebra (or passing placement exam scores)	
MTH 213	Fundamentals of Elementary Mathematics I	3
MTH 223	Fundamentals of Elementary Mathematics II	3
BIO 103	Introduction to Biology	4
PSC 103	Earth Science	4
PSC 110	Physical Science	4
HIS 110	World Civilizations I	3
HIS 111	World Civilizations II	3

Choose one course from the following 2 courses:

PED 100	Fitness Through Movement	1
PED 300	Optimal Health	2

Choose one course from the following 2 courses:

POL 190	The Politics of Race, Class, and Gender	4
SOC 201	Cultural Anthropology	3

Choose one course from the following 4 courses:

ART 100	Introduction to Art	2
ART 102	Fundamentals of Art	3
MUH 100	Introduction to Music	2
TRE 101	Introduction to Theatre	2

Choose one course from the following 2 courses:

PHL 201	Introduction to Philosophy	3
PHL 211	Ethics	3

Choose one course from the following 3 courses:

LIT 201	Masterpieces of World Literature I	3
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LIT 202	Masterpieces of World Literature II	3
LIT 203	Masterpieces of World Literature III	3

One of the following sequences:

SPA 101 and 102	Elementary Spanish I and II	8
FRE 101 and 102	Elementary French I and II	8
GER 101 and 102	Elementary German I and II	8

TOTAL 57-60

UPPER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
ART 319	Visual Arts for the Classroom	3
HIS 370	California History	4
LIT 325	Children's Literature	3
MUE 341	Music for Elementary Teachers	3
PED 308	Physical Education for Children	3

Choose one course from the following 2 courses:

CHU 395	The Christian Tradition	3
THE 306	The Life of Holiness	3

One course from the following 3 courses:

MTH 303	Problem Solving	3
MTH 144	Calculus with Applications	4
MTH 164	Calculus	4

Choose one course from the following 2 courses:

PSY 308	Developmental Psychology – Birth Through Adolescence	3
FCS 120	Child Development	3

TOTAL 27

UPPER DIVISION REQUIREMENTS IN EDUCATION

COURSE#	TITLE	UNITS
EDU 304	Legal, Ethical, and Wesleyan Perspectives on Education	3
EDU 306	Principles of Language Acquisition	3
EDU 324	Differentiated Mathematics Instruction for all Learners	3
EDU 402	Research-Based Learning Theory	3
TOTAL		12

REQUIRED CONCENTRATIONS

The student majoring in Liberal Studies chooses one 12-unit concentration from the following list of content areas available at PLNU (the State of California requires that all Liberal Studies majors

declare a concentration area to explore more in-depth).

Reading, Language and Literature

English Emphasis

LIT 250	Introduction to the Study of Literature	3
	Linguistics and Writing - one upper-division	3
	Literature Survey course - one lower-division	3
	Literature Survey course - one upper-division	3

French Emphasis

FRE 250	Intermediate French I	3
FRE 251	Intermediate French II	3
FRE 315	French Civilization	3
<i>Choose one:</i>		
FRE 301	French Phonetics	3
FRE 320	Survey of French Literature	3

Spanish Emphasis

SPA 251	Intermediate Spanish II	3
SPA 302	Advanced Grammar and Reading	3
SPA 303	Advanced Conversation and Composition	3
<i>Choose one:</i>		
SPA 310	Latin American Culture I	3
SPA 315	Culture and Civilization of Spain	3
SPA 320	Mexican American Literature	3
SPA 380	Genre/Period Studies in Hispanic Literature or Film	3

Visual and Performing Arts

Music Emphasis

MUE 341	Music Skills for the Elementary Classroom Teacher	3
MUH 101	Introduction to Listening	2
MUA 212	Beginning Conducting	2
TRE 354	Movement I	3
	Private Lessons or Instrumental Band	1-2

Art Emphasis

ART 319	Visual Arts in the Classroom I	3
TRE 354	Movement I	3
<i>Choose one:</i>		
ART 104	Three Dimensional Design	3
ART 115	Design	3
<i>Choose one:</i>		
ART 304	Modern Art History	3
ART 305	Contemporary Art History	3
<i>Choose one:</i>		
ART 325	Topics in Non-Western Art	3

ART 355 Design History: Industrial Revolution to Contemporary Design 3

Theatre Emphasis

ART 319 Visual Arts in the Classroom I 3

TRE 270 Acting I 3

TRE 354 Movement I 3

TRE 436 Stagecraft and Techniques 2

Physical Education/Health

PED 300 Optimal Health 2

PED 210 Team Sports Fundamentals 2

PED 212 Team Sports Strategies 2

KPE 312 Motor Learning and Motor Development 3

Choose one:

FCS 315 Personal, Family or Community Health 3

PSY 360 Human Sexuality 3

Human Development

PSY 308 Developmental Psychology - Birth Through Adolescence 4

Choose one:

FCS 120 Child and Adolescent Development 4

PSY 360 Human Sexuality 3

Choose one:

SOC 250 Sociology of the Family 3

PSY 320 Social Psychology 3

Choose one:

CMI 200 Christian Education of Children 3

PSY 380 Family Development and Family Therapies 3

Science

BIO 210 Cell Biology and Biochemistry 4

Choose one:

CHE 103 Introduction to General, Organic and Biological Chemistry 5

CHE 152 General Chemistry I 4

Choose one:

BIO 215 Animal Biology 4

BIO 310 General Botany 3

Math

Individualized programs will be designed with a Math advisor beginning with the sophomore year.

History and Social Science

American Studies Emphasis

Choose one:

POL 165 American Government 4

POL 325 American Political Thought 4

POL 360	California Government and Politics	4
POL 420	United States Foreign Policy	4

Choose two:

HIS 316	Colonial and Revolutionary America	4
HIS 320	United States History	4
HIS 370	California History	4
HIS 425	United States Since 1914	4
HIS 435	Asian-America in East Asia 1800 to the Present	4
HIS 436	American in East Asia 1800 to the Present	4

Constitutional Emphasis

POL 325	American Political Thought	4
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Choose one:

POL 165	American Government	4
POL 320	United States History	4
HIS 316	Colonial and Revolutionary America	4

Choose one:

POL 341	Campaigns and Elections in an Electronic Age	4
POL 380	Congress and the Presidency	4

International Emphasis

Choose one:

POL 230	Introduction to International Relations	4
POL 290	World Regional Geography	3
SOC 230	Cultural Anthropology	3

Choose two:

POL 435	Global Governance	4
POL 437	International Economics	4

OR any of the upper-division electives in the International Studies major

Completion of this program partially fulfills requirements for a Teaching Credential in the State of California. Refer to the School of Education Web site for further information.

SCHOOL OF EDUCATION COURSES

Education Courses

EDU 304 (3) LEGAL, ETHICAL, AND WESLEYAN PERSPECTIVES ON EDUCATION

Major laws and principles regarding the historical and contemporary purposes, roles and functions of education in American society are examined. Research on the social and cultural conditions of K-12 schools is analyzed in relation to the purposes, functions and inequalities of schools. The role of Christian educators in public and private schools from the Wesleyan tradition and perspective is emphasized. Open to all majors. 30 fieldwork hours are required.

EDU 306 (3) PRINCIPLES OF LANGUAGE ACQUISITION

Provides candidates with the foundational understanding of English learners that equips candidates to use effective pedagogy for English learners in their classrooms to provide access to academic content and for language development. This course further provides candidates with a beginning understanding of the impact of cultural context on student learning (2042 Standards 5,7,13), language structure and use, first and second language development and their relationship to academic achievement (CTEL I Domains 1 and 2), assessment of English learners, foundations of English language literacy, development and content instruction, and approaches and methods for ELD and Content Instruction (CTEL 2 Domains 1, 2, and 3) are examined.

EDU 324 (3) DIFFERENTIATED MATHEMATICS INSTRUCTION FOR ALL LEARNERS

Planning of content-specific instruction and delivery of content consistent with state-adopted K-8 mathematics standards is the focus. The interrelated components of a balanced program of mathematics and the fostering of positive attitudes toward mathematics are stressed. Includes instruction on how to model and teach students to solve problems using multiple strategies and to anticipate, recognize and clarify mathematical misunderstandings that are common among K-8 students. A total of 15-20 fieldwork hours are required.

Prerequisite: Mathematics 223.

EDU 402 (3) RESEARCH-BASED LEARNING THEORY

An overview of the major concepts, principles, theories and research related to the cognitive, linguistic, social, emotional and physical development of children and adolescents. Effective instructional strategies that ensure active and equitable participation of all students are analyzed and applied. Thirty fieldwork hours are required.

EDU 490 (1-3) SPECIAL STUDIES IN EDUCATION

Intensive study in a special topic in education under the direction of faculty member. May be repeated for a total of six units.

Prerequisite: Consent of instructor.

EDU 499 (1-3) RESEARCH IN EDUCATION

Open to students of proven ability. May be repeated for a total of six units.

Prerequisites: Consent of the dean of the School of Education and of instructor.

FAMILY AND CONSUMER SCIENCES

Purposes

- To instill a knowledge of the role and significance of social, economic, and political influences on human life;
- To provide students with the understanding of the development of personal and interpersonal skills for successful personal, professional, and family life; multicultural relations; integrity, and high moral values;
- To educate students in the comprehension of physical, emotional and social development in the successive stages of life;
- To prepare students for graduate school or a profession in education, business, industry, service agencies, and non-profit organizations.

Tradition of Excellence

The Department of Family and Consumer Sciences emphasizes the many dimensions of human functioning and the importance of studying all its aspects. The department seeks to provide students with preparation for service and leadership in professions with strong family and consumer sciences skills to enhance the optimum well-being of families, individuals, and communities. The faculty is committed to developing and maintaining a close relationship with the students in the department. Point Loma is one of a few small, private universities in California to offer Dietetics, Family and Consumer Sciences, Fashion Merchandising, and Interior Design. Child and Adolescent Development majors receive the added benefit of an on-site laboratory pre-school. These offerings, combined with the faculty's dedication to being involved in students' lives, provide students with excellent opportunities to move into challenging graduate programs or their chosen profession.

Career Opportunities

The Department of Family and Consumer Sciences prepares students for careers in business, industry, public and private agencies, schools, and institutions that provide goods, services, education, and information to consumers and families. Many students have become teachers, school administrators, social service agents, family/adult educators, manufacturer's representatives, fashion directors, interior consultants/coordinators, community service agents, nutrition educators, and healthcare specialists.

Majors and Minors

Majors

- Child and Adolescent Development
- Dietetics
- Family and Consumer Sciences
- Fashion and Interiors
 - Fashion Merchandising
 - Interior Design
- Nutrition and Food
 - Food Service Management
 - Nutrition and Health

Minors

- Child Development
- Nutrition

Courses

Faculty

Nancy K. Murray, Ph.D.
University of Tennessee, Knoxville

Susan DeCristofaro Rogers, M.A.
Point Loma Nazarene University
Academic Director-Early Childhood Learning Center

Cindy Swann, M.S., R.D.
San Diego State University
Director of Dietetics

Kay M. Wilder, Ed.D., C.F.C.S., Chair
Northern Arizona University

CHILD AND ADOLESCENT DEVELOPMENT

MAJOR

LOWER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
FCS101	Introduction to Family and Consumer Sciences	1
FCS 120	Child and Adolescent Development	4
FCS 150	Human Development	3
FCS 203	Infant and Toddler Development	3
FCS 230	Personal and Consumer Financial Management	2
TOTAL		13

UPPER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
FCS 305	Life Cycle Nutrition	4
FCS313	Adolescent Development in the Family	2
FCS 315	Personal, Family, and Community Health	3
FCS 355	Development of Children with Special Needs	3
FCS 385	Family and Parenting	2
FCS 420	Child Development in the Family and Community	4
FCS 425	Child and Adolescent Nutrition	3
FCS 497	FCS Senior Seminar	2
LIT 325	Children's Literature	3
PSY 321	Abnormal Psychology	3

Select 12 upper-division units from:

COURSE	TITLE	UNITS
FCS 310	Early Childhood Education	4
FCS 460	Administration and Supervision in Early Childhood Education	4
FCS 470	Practicum in Child Development	3
FCS 475	Child Development Internship	2-4
ART 319	Visual Arts in the Classroom I	3
EDU 304	Legal, Ethical and Wesleyan Perspective	3
MUE 341	Music Skills for the Elementary Classroom Teacher	3
PED 308	Physical Education for Children	3
PSY 308	Developmental Psychology - Birth Through Adolescence	3
PSY 325	Clinical and Community Interventions	4
PSY 409	Psychology of Cognition and Learning	4

SWK 340	Child Welfare	3
SOC 360	Race and Ethnicity	3
	TOTAL	54

Note: Students must be fingerprinted through community care licensing to obtain Child Abuse Central Index Clearance.

Note: Students graduating with a Child Development major may qualify for the "Child Development Site Supervisor" permit with the California Commission on Teacher Credentialing.

DIETETICS (B.S.)

LOWER-DIVISION REQUIREMENTS

COURSE TITLE	UNITS
FCS 101 Intro to Family & Consumer Sciences	1
FCS 110 Fundamentals of Food	2
FCS 150 Human Development	3
FCS 225 Fundamentals of Nutrition	3
FCS 230 Personal and Consumer Financial Mgmt.	2
ACC 201 Principles of Financial Accounting	4
BUS 212 Principles of Management	4
MTH 123 Elementary Functions	3
MTH 201 Intro to Statistics	3
BIO 130 Human Anatomy & Physiology I	4
BIO 140 Human Anatomy & Physiology II	4
BIO 210 Cell Biology and Biochemistry	4
BIO 220 Microbiology of Infectious Diseases	5
CHE 151 General Chemistry Tutorial	1
CHE 152 General Chemistry I	4
CHE 153 General Chemistry II	4
CHE 295 Organic Chemistry I	5
PHL 211 Ethics	3
SOC 201 Cultural Anthropology	3
TOTAL	62

UPPER-DIVISION REQUIREMENTS

COURSE TITLE	UNITS
FCS 300 Food Economics & Management	2
FCS 303 Cultural Foods	2
FCS 315 Personal, Family, and Community Health	3
FCS 330 Community Nutrition	3
FCS 331 Community Nutrition Practicum	1
FCS 335 Nutrition Research Through the Life Cycle	2
FCS 365 Advanced Nutrition	3
FCS 414 Practices in Nutrition Education and Dietary Counseling	2
FCS 415 Medical Nutrition Therapy	3
FCS 417 Medical Nutrition Therapy Practicum	1
FCS 435 Food Service Production and Management	3
FCS 455 Food Science	3
FCS 497 Senior Seminar	2
TOTAL	30

RECOMMENDED COURSES

COURSE TITLE	UNITS
FCS 305 Life Cycle Nutrition	4
FCS 340 Nutrition of Women's Well-Being	2
BUS 332 Principles of Marketing	4
KPE 340 Physiology of Exercise	3

The major in Dietetics requires 139 units to graduate, eleven (11) more than the minimum 128 units required for most majors at PLNU. Students are encouraged to take one or two courses in the summer to lighten their course loads during the regular semester.

Students interested in becoming a Registered Dietician should consult the American Dietetic Association (ADA) for specific information: The American Dietetic Association, 120 South Riverside Plaza, Suite 2000, Chicago IL 60606- 6995.

Graduates in the Dietetics major will require further training by applying to an ADA-accredited internship program in order to complete ADA requirements to be a registered dietician (R.D.).

MAJORING IN DIETETICS

Graduates in the Dietetics major from PLNU earn a Verification Statement that will allow them to apply to an ADA-accredited dietetic internship program, the second step to becoming a Registered Dietitian (R.D.)

To be verified at PLNU, the student must:

- Earn a "C" or better in all courses for the Dietetics major required for the DPD
- Maintain a GPA of 2.800 or higher
- Earn a B.S. degree (official transcripts, including the one that shows an earned bachelor's degree, must be in the DPD file)
- Participate in community service learning activities during the program, as evidenced in the senior portfolio
- Demonstrate ethical principles and follow ADA's Code of Ethics

STUDENTS WITH A BACHELOR'S DEGREE FROM ANOTHER UNIVERSITY SEEKING A VERIFICATION STATEMENT

If a student has earned a bachelor's degree from another university, and are seeking a Verification Statement for the Dietetics program, the student may choose one of the two following paths:

1) Apply to PLNU for a Dietetics Verification Statement program, with no degree attached (no second bachelor's degree). This pathway requires:

- a. A bachelor's degree from a college/university in another major
- b. Official transcripts reviewed by the Director of Dietetics and the undergraduate Director of Admissions
- c. A minimum 24 units of upper-division Dietetics courses and prerequisites taken at PLNU. (Courses required will be based on previous coursework transferred, and the date that courses were taken)
- d. Acceptance to PLNU

2) Apply to PLNU for a second Bachelor of Science degree in Dietetics. This pathway requires:

- a. Official transcripts reviewed by the Director of Dietetics and the undergraduate Director of Admissions
- b. Coursework and prerequisites required for the Dietetics major
- c. Coursework to meet all general education requirements at PLNU
- d. Acceptance to PLNU

INTERNATIONAL STUDENTS SEEKING A VERIFICATION STATEMENT

If a student is an International Student seeking a Verification Statement in Dietetics from PLNU, the student must apply to the University and submit the following:

- a. All documents including high school and college transcripts translated into English and evaluated by an approved credential evaluation service before being sent to the Admissions Office. The student may contact any credential evaluator approved by the National Association of Credential Evaluators (NACES), such as World Education Services, Inc. (WES), Academic Credentials Evaluation Institute, Inc. (ACEI), and Educational Credential Evaluators, Inc. (ECE).
- b. English proficiency: A 550 paper based TOEFL or 216 computer based TOEFL.
- c. An original notarized copy of an Affidavit of Support (financial statement) submitted by a sponsor or bank, indicating sufficient funds for the educational expenses for one academic year at PLNU. (Point Loma Nazarene is a private university: therefore, tuition is the same for U.S.

residents and international students.)

d. Acceptance to PLNU

e. A minimum 24 units of upper-division Dietetics courses and prerequisites at PLNU. (Courses required will be based on previous coursework transferred, and the date that courses were taken.)

To be verified at PLNU, the student must:

- Earn a “C” or better in all core curriculum DPD classes
- Maintain a GPA of 2.800 or higher
- Take at least 24 units of upper-division DPD classes at PLNU
- Participate in community service learning activities during the program, as evidenced in the senior portfolio
- Demonstrate ethical principles and follow ADA’s Code of Ethics

FAMILY AND CONSUMER SCIENCES

Family and Consumer Sciences

LOWER-DIVISION REQUIREMENTS

COURSE TITLE	UNITS
FCS 101 Intro to Family and Consumer Sciences	1
FCS 110 Fundamentals of Food	2
FCS 150 Human Development	3
FCS 220 Problems of Family Housing	2
FCS 230 Personal and Consumer Financial Management	2
PHL 211 Ethics	3
SOC 201 Cultural Anthropology	3
TOTAL	16

UPPER-DIVISION REQUIREMENTS

COURSE TITLE	UNITS
FCS 300 Food Economics and Mgmt.	2
FCS 303 Cultural Foods	2
FCS 305 Life Cycle Nutrition	4
FCS 315 Personal, Family, and Community Health	3
FCS 385 Family and Parenting	2
FCS 420 Child Development in Family and Community	4
FCS 480 Family and Consumer Sciences Internship	2
FCS 497 Family and Consumer Sciences Senior Seminar	2
TOTAL	21

Lower Division or Upper Division:20 units (selected from below)

FCS 105 Apparel Construction	2
FCS 115 Introduction to Interior Design	3
FCS 120 Child and Adolescent Development	4
FCS 130 Fashion Industry	3
FCS 310 Early Childhood Education	4
FCS 340 Nutrition in Women's Well-Being	2
FCS 370 Apparel in Human Behavior and Culture	2
FCS 435 Food Service Production and Management	3
FCS 460 Admin. and Supervision in Early Childhood Education	4
PSY 320 Social Psychology	3
PSY 321 Abnormal Psychology	3
PSY 325 Clinical and Community Interventions	4
SOC 316 Sociology and Aging	3
SOC 360 Ethnics and Status Groups	3

FASHION AND INTERIORS

Concentration in Fashion Merchandising

LOWER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
FCS 101	Intro to Family and Consumer Sciences	1
FCS 105	Apparel Construction	2
FCS 130	Fashion Industry	3
FCS 150	Human Development	3
FCS 230	Personal and Consumer Financial Management	2
FCS 240	History of Costume	3
ART 102	Fundamentals of Art	3
ACC 201	Principles of Financial Accounting	4
BUS 212	Principles of Management	4
ECO 102	Principles of Economics II	3
PHL 211	Ethics	3
	TOTAL	31

UPPER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
FCS 315	Personal, Family, and Community Health	3
FCS 323	Fashion Retailing	3
FCS 370	Apparel in Human Behavior and Culture	2
FCS 375	Visual Presentation and Display	2
FCS 390	Fashion Buying	3
FCS 400	Apparel Design	3
FCS 405	Textile Science	3
FCS 497	Family and Consumer Sciences Senior Seminar	2
BUS 332	Principles of Marketing	4
	TOTAL	25

RECOMMENDED COURSES

COURSE	TITLE	UNITS
FCS 480	Family and Consumer Sciences Internship	2
BUS 213	Administrative Communication	3
BUS 382	Entrepreneurship	2
ART 115	Drawing I	3
ART 215	Intro to Computer Graphics	3
ART 203	Graphic Design I	3

Concentration in Interior Design

LOWER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
FCS 101	Intro to Family and Consumer Sciences	1
FCS 115	Introduction to Interior Design	3
FCS 150	Human Development	3

FCS 200	Introduction to Computer-Aided Design(CAD)	2
FCS 220	Problems of Family Housing	2
FCS 230	Personal and Consumer Financial Management	2
FCS 235	Lighting	3
ART 102	Fundamentals of Art	3
ACC 201	Principles of Financial Accounting	4
BUS 212	Principles of Management	4
ECO 102	Principles of Economics II	3
PSC 110	Physical Science	4
PHL 211	Ethics	3
	TOTAL	37

UPPER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
FCS 315	Personal, Family, and Community Health	3
FCS 345	Materials and Resources	3
FCS 375	Visual Presentation and Display	2
FCS 395	History of Design in Housing and Interiors	3
FCS 405	Textile Science	3
FCS 410	Designing Residential Interiors	3
FCS 430	Designing Commercial Interiors	3
FCS 497	Family and Consumer Sciences Senior Seminar	2
BUS 332	Principles of Marketing	4
	TOTAL	26

RECOMMENDED COURSES

COURSE	TITLE	UNITS
FCS 480	Family and Consumer Sciences Internship	2-4
ART 115	Drawing I	3
ART 203	Graphic Design I	3
ART 215	Intro to Computer Graphics	3
ART 300	History of Western Art I	4
ART 301	History of Western Art II	4
ART 302	Twentieth Century Art	3
BUS 382	Entrepreneurship	2

NUTRITION AND FOOD MAJOR

Concentration in Food Service Management

LOWER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
FCS 101	Intro to Family and Consumer Sciences	1
FCS 110	Fundamentals of Food	2
FCS 150	Human Development	3
FCS 225	Fundamentals of Nutrition	3
FCS 230	Personal and Consumer Financial Management	2
ACC 201	Principles of Financial Accounting	4
BUS 212	Principles of Management	4
CHE 103	Introduction to General, Organic and Biological Chemistry	5
ECO 102	Principles of Economics II	3
PHL 211	Ethics	3
	TOTAL	30

UPPER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
FCS 300	Food Economics and Management	2
FCS 303	Cultural Foods	2
FCS 315	Personal, Family, and Community Health	3
FCS 435	Food Service Production and Management	3
FCS 445	Catering	2
FCS 480	Family and Consumer Sciences Internship	2
FCS 497	Family and Consumer Sciences Senior Seminar	2
BUS 332	Principles of Marketing	4
BUS 334	Professional Selling and Sales Management	4
BUS 336	Advertising and Promotion Management	4
BUS 382	Entrepreneurship	2
	TOTAL	30

RECOMMENDED COURSES

COURSE	TITLE	UNITS
FCS 340	Nutrition of Women's Well-Being	2
BUS 301	Legal Environment of Business	4
BUS 213	Administrative Communication	3
COM 220	Small Group Communication	3
COM 312	Gender and Communication	3
COM 340	Organizational Communication	3
PSY 320	Social Psychology	3

Concentration in Nutrition and Health

LOWER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
FCS 101	Intro to Family and Consumer Sciences	1
FCS 110	Fundamentals of Food	2
FCS 150	Human Development	3
FCS 225	Fundamentals of Nutrition	3
FCS 230	Personal and Consumer Financial Management	2
BIO 130	Human Anatomy and Physiology I	4
BIO 140	Human Anatomy and Physiology II	4
CHE 103	Intro to General, Organic, and Biological Chemistry	5
PHL 211	Ethics	3
SOC 201	Cultural Anthropology	3
	TOTAL	30

UPPER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
FCS 300	Food Economics and Management	2
FCS 303	Cultural Foods	2
FCS 305	Life Cycle Nutrition	4
FCS 315	Personal, Family, and Community Health	3
FCS 330	Community Nutrition	3
FCS 331	Community Nutrition Practicum	1
FCS 414	Practices in Nutrition Education and Dietary Counseling	2
FCS 435	Food Service Production and Management	3
FCS 480	Family and Consumer Sciences Internship	2
FCS 497	Family and Consumer Sciences Senior Seminar	2
PSY 320	Social Psychology	3
COM 340	Organizational Communication	3
	TOTAL	30

RECOMMENDED COURSES

COURSE	TITLE	UNITS
FCS 340	Nutrition in Women's Well-Being	2
FCS 445	Catering	2
FCS 490	Special Studies in Family and Consumer Sciences	1-4
PSY 325	Clinical and Community Interventions	4
PSY 345	Group Dynamics	3

CHILD DEVELOPMENT MINOR

This minor is for students who desire an introductory exposure to the study of child development. It will also meet the requirements for the Associate Teacher Permit needed for teachers in Early Childhood.

A minimum of eighteen (18) units are required for this minor, including the following lower and upper-division courses.

REQUIREMENTS

COURSE TITLE	UNITS
FCS 120 Child and Adolescent Development	4
FCS 315 Personal, Family and Community Health	3
FCS 355 Development of Special Needs Children	3
FCS 385 Family and Parenting	2
FCS 420 Child Development in the Family and Community	4
TOTAL	16

ONE ADDITIONAL COURSE FROM THE FOLLOWING:

COURSE TITLE	UNITS
FCS 203 Infant and Toddler Development	3
FCS 305 Child and Adolescent Nutrition	4
FCS 310 Early Childhood Education	4
FCS 313 Adolescents in the Family Context	2
TOTAL	2-4
MINOR TOTAL	18-20

NUTRITION MINOR

The minor in Nutrition is for students interested in the field of nutrition and well being. The program consists of a foundation in food, nutrition and disease prevention as it relates to one's health.

Sixteen (16) units are required for this minor, including the following lower and upper-division courses:

LOWER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
FCS 110	Fundamentals of Food	2
FCS 150	Human Development	3
FCS 225	Fundamentals of Nutrition	3
	TOTAL	8

UPPER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
FCS 305	Life Cycle Nutrition	4
FCS 325	Food Economics and Management	2
FCS 340	Nutrition of Women's Well-Being	2
	TOTAL	8
	MINOR TOTAL	16

FAMILY AND CONSUMER SCIENCES COURSES

Lower-Division

FCS 101 (2) INTRODUCTION TO FAMILY AND CONSUMER SCIENCES

An introduction to the integration of professional specializations within the Department of Family and Consumer Sciences. A wide array of options in each major and the career paths are presented. Discussion addresses how each specialization enhances the quality of life for individuals, families and communities. Offered every fall.

FCS 105 (2) APPAREL CONSTRUCTION

Fundamental processes in clothing construction. An analysis and comparison of construction techniques and fabric types. Lecture and garment construction laboratory. Majors only. Offered every fall and spring.

FCS 110 (2) FUNDAMENTALS OF FOOD

Development of technique and application of fundamental scientific principles of food preparation. Establishment of quality standards for food products and food safety. Lecture, computer applications and food preparation laboratory. Offered every semester.

FCS 115 (3) INTRODUCTION TO INTERIOR DESIGN

The study of design elements and principles applied to interior space planning. The interior design industry and career opportunities are discussed. Computer applications laboratory. Offered every fall.

Prerequisite: Majors only or consent of instructor.

FCS 120 (4) CHILD AND ADOLESCENT DEVELOPMENT

The study of physical, social, emotional, cognitive growth and development of the child, from prenatal months through adolescent years. Classroom lecture and course readings are supplemented by laboratory field experience in the Early Childhood Learning Center or other centers designed for children and adolescents, and appropriate projects. Offered every fall.

FCS 130 (3) FASHION INDUSTRY

Overview of the fashion industry worldwide, and services that comprise the business of fashion. Terminology, designers, trade organization, and publications are emphasized. Offered every fall.

FCS 150 (3) HUMAN DEVELOPMENT

A study of the physical, social, emotional, and intellectual development of the individual throughout the life span. Laboratory experience required. Offered every semester.

FCS 200 (2) INTRODUCTION TO COMPUTER-AIDED DESIGN (CAD)

Practical skills essential to computer-aided design through lecture and hands-on training at computer terminals using AutoCAD software. Projects focus on interior space design applications for housing and fashion merchandising. Offered every fall.

Prerequisite: Computer Science 122.

FCS 203 (3) INFANT AND TODDLER DEVELOPMENT

The study of the process of prenatal, infant and toddler growth and development which will include: exploration of the impact of culture, atypical behavior and development, socialization techniques, interpersonal relationships of infant-toddler and caregivers, suitable environments for health and safety, and legal requirements for infant-toddler care. Classroom lecture and course readings are supplemented by observation and field experience. Offered alternate years, 2008.

Prerequisites: FCS 120 or FCS 150

FCS 220 (2) PROBLEMS OF FAMILY HOUSING

Effects of various housing conditions on the dynamics of family life in the home. Emphasis on consumer housing problems of low income families, physically challenged, elderly, homeless, and political housing issues affecting individuals and families. Offered fall 2009.

FCS 225 (3) FUNDAMENTALS OF NUTRITION

A study of the principles of nutrition science and evidence-based application of nutrition to health/homeostasis, disease prevention and disease treatment. Computer applications. Offered every semester.

Prerequisite: Chemistry 103, Chemistry 152 or equivalent.

FCS 230 (2) PERSONAL AND CONSUMER FINANCIAL MANAGEMENT

Relationship of values, standards and goals to the allocation of resources and the personal and consumer decision-making process. Emphasis is placed on the standards for selection of consumer goods, protection of the consumer, and conditions which influence individual and family management. Offered every semester on a Quad basis.

FCS 235 (3) LIGHTING

Introduction to the principles of lighting design, lighting calculations and practical application in project

format. Offered fall 2008.

Prerequisite: Family and Consumer Sciences 115.

FCS 240 (3) HISTORY OF COSTUME

Costume from ancient civilization to the present including social, political, and economic forces that influenced development of apparel. Offered spring 2010.

Upper-Division

FCS 300 (2) FOOD ECONOMICS AND MANAGEMENT

A study and application of food management skills, including food selection, food preparation techniques and budgetary control, in meal planning and meal service. Offered every fall.

Prerequisite: Family and Consumer Sciences 110.

FCS 303 (2) CULTURAL FOODS

The influence of world cultures and ethnic food habits on food patterns. Lecture, computer applications and food preparation laboratory. Offered every spring.

Prerequisite: Family and Consumer Sciences 110.

FCS 305 (4) LIFE CYCLE NUTRITION

A study of nutrition specifically applied to the stages of human development and to the current nutritional issues with analysis of personal nutritional needs. Offered every fall and summers.

FCS 310 (4) EARLY CHILDHOOD EDUCATION

The study and practice of principles, curriculum, methods, material and special needs of preschool, kindergarten, and through third grade. Students gain experience in appropriate lesson plan writing with developmentally appropriate practices. A supervised field experience is required. Offered every fall.

Prerequisite: Family and Consumer Sciences 120.

FCS 313 (2) ADOLESCENT DEVELOPMENT IN THE FAMILY CONTEXT

Developmental changes and challenges of adolescents and their families as they deal with current societal issues, autonomy, peer relationships, sexuality, parent-adolescent communication, values, teen pregnancy, substance abuse, and adolescents as parents. These major issues affecting adolescents and their families are examined using data from a variety of theoretical, empirical, and clinical viewpoints. Fieldwork is required. Offered alternate years, next offering in 2009-2010.

Prerequisites: Family and Consumer Sciences 120 or 150.

FCS 315 (3) PERSONAL, FAMILY, AND COMMUNITY HEALTH-GE

An introduction to and analysis of the family's responsibility in personal, family, and community health. Emphasis in physical, emotional, social, and mental well-being. Offered every semester and summers.

Prerequisite: Completion of forty-eight (48) units.

FCS 323 (3) FASHION RETAILING

Examine the highly competitive environment of traditional fashion retailers, value merchants, and rapidly expanding off-site retailers. Innovative ideas in both brick-and-mortar retailing and E-tailing emphasized. Offered 2009-2010.

Prerequisite: Family and Consumer Sciences 130.

FCS 330 (3) COMMUNITY NUTRITION

A study of the delivery of nutrition services in the community setting, with an emphasis on disease prevention and health promotion in vulnerable populations. Topics discussed include nutrition epidemiology, food policy, cultural competence in nutrition education, food insecurity, and socioeconomic factors effecting food consumption, nutrition status and health. Lecture, computer applications, laboratory and field experiences. Offered fall 2009.

Prerequisite: Family and Consumer Sciences 225.

FCS 331 (1) COMMUNITY NUTRITION PRACTICUM

Application of principles of community nutrition programming, including field experience and observation of nutrition services provided by community-based organizations and governmental entities. Must enroll concurrently Family and Consumer Sciences 330. Offered fall 2009.

Prerequisite: Family and Consumer Sciences 225.

Corequisite: Family and Consumer Sciences 330 (required).

FCS 335 (2) NUTRITION RESEARCH THROUGH THE LIFE CYCLE

A study of nutrition specifically applied to the stages of human development and the life cycle. Current scientific literature is reviewed and applicable research methodologies are discussed. The role of statistics in scientific research is reviewed. Computer applications and laboratory. Offered 2009-2010.

Prerequisites: Family and Consumer Sciences 150 and 225, Biology 210, Chemistry 152, and Mathematics 123 and 203.

FCS 340 (2) NUTRITION OF WOMEN'S WELLBEING- WS

A survey of current evidence-based nutrition principles and guidelines corresponding to gender differences in health. Topics discussed include prevention of cardiovascular disease, diabetes, cancers, and osteoporosis in women as well as special needs in pregnancy/lactation, menopause and weight management. Computer applications. Offered every semester.

FCS 345 (3) MATERIALS AND RESOURCES

Survey of interior design finish materials for residential and commercial markets. Product distribution, specification, measurement, installation, pricing, suppliers, maintenance, ecological concerns, fire testing and codes, ADA classifications, and evaluation of materials. Offered 2009-2010.

Prerequisite: Family and Consumer Sciences 115.

FCS 355 (3) DEVELOPMENT OF SPECIAL NEEDS CHILDREN

The study of strategies of guiding children with special needs. The role of the adults influencing the child's social, emotional, cognitive and physical growth and development are investigated. Family systems theories and educational methods, environments and programs are explored as it relates to the special needs child's developmental stages. A wide variety of children's exceptionalities are included giftedness, physical challenges, learning disabilities, and behavior disorders. Observation, field experiences, and visitations to community educational facilities are required. Fifteen hours for field experience. Offered every spring.

Prerequisite: Family and Consumer Sciences 120 or 150.

FCS 365 (3) ADVANCED NUTRITION

Theories integrated from physiology, biochemistry and nutrition. An in-depth study of nutrients and their role in human metabolism. Current research on human metabolic processes is analyzed. Laboratory applications. Offered fall 2008.

Prerequisites: Family and Consumer Sciences 225, Chemistry 295, Biology 130.

FCS 370 (2) APPAREL IN HUMAN BEHAVIOR AND CULTURE

Socio-psychological, cultural and aesthetic aspects of clothing as related to human behavior. Analysis of social science theories and concepts applicable to clothing and appearance. Offered spring 2009.

Prerequisite: Psychology 101 or 103.

FCS 375 (2) VISUAL PRESENTATION AND DISPLAY

Fundamental principles and procedures for successful visual merchandising of fashion and interiors' products in stores and media. Application of creative techniques to enhance product salability is emphasized. Laboratory. Offered fall 2008.

Prerequisite: Family and Consumer Sciences 115 or 130.

FCS 385 (2) FAMILY AND PARENTING

An analysis of family interaction patterns throughout the life cycle. Emphasis is on understanding family dynamics in relationships as well as opportunities to clarify values and improve communication patterns within the family. Exploration and discussion of the roles of parents in a child's development, concerns facing parents and parenting in varying life circumstances. Offered every semester on a Quad basis.

FCS 390 (3) FASHION BUYING

Identification of trends, consumer demand, merchandise planning, and inventory control applied to the process of buying goods for fashion retailers. Offered spring 2009.

Prerequisite: Family and Consumer Sciences 130.

FCS 395 (3) HISTORY OF DESIGN IN FURNITURE AND INTERIORS

Survey of architecture, interiors, and furniture from ancient times to the present including recent adaptations and contemporary developments. Offered spring 2009.

FCS 400 (3) APPAREL DESIGN

Pattern design analyzed through the basic techniques of fitting and flat pattern manipulation. Application of design includes the development and construction of original garments. Lecture, computer applications and garment construction laboratory. Offered spring 2009.

Prerequisite: Family and Consumer Sciences 105.

FCS 405 (3) TEXTILE SCIENCE

Study of fibers, yarns and fabrics used for apparel, furnishings and other end uses. Application of technical information to appropriate product design and selection emphasized. Offered every spring.

Prerequisite: Family and Consumer Sciences 115 or 130.

FCS 410 (3) DESIGNING RESIDENTIAL INTERIORS

Creative Problem solving for residential spaces. Working with clients, examining design trends, and creating professional presentations emphasized. Laboratory. Offered alternate years, next offering in spring 2009.

Prerequisite: Family and Consumer Sciences 115 and 200.

FCS 414 (2) PRACTICES IN NUTRITION EDUCATION AND DIETARY COUNSELING

Practical experience in techniques that will enhance patient/client communication for nutrition education.

Discussion and application of counseling methods, adult learning, motivation theory, lesson planning, group communication techniques, medical charting techniques and the general nutrition care process. Offered alternate years, next offering in spring 2010.

Prerequisite: Family and Consumer Sciences 225.

FCS 415 (3) MEDICAL NUTRITION THERAPY

A study of nutrition status and assessments; nutrition care strategies; and the modification of normal food intake with emphasis on dietary adjustments necessitated by certain disease and disorder processes and conditions focusing on the hospitalized and/or ambulatory patient. Offered alternate years, next offering in spring 2009.

Prerequisites: Family and Consumer Sciences 365 and Biology 140.

FCS 416 (2) SECONDARY SCHOOL METHODS IN FAMILY AND CONSUMER SCIENCES

Traditional and current practices of the teaching of secondary school home economics are examined and practiced. Students must also fulfill a field experience assignment. Emphasis is given to the California Home Economics Education Career Path Guide and Model Curriculum Standards. Computer applications required. Offered every spring.

FCS 417 (1) MEDICAL NUTRITION THERAPY PRACTICUM

Case studies, medical chart notation practice, opportunity to interact with dietetic professionals working in clinical fields. Must enroll concurrently in Family and Consumer Sciences 415. Offered alternate years, next offering in spring 2009

Prerequisite: Family and Consumer Sciences 365.

Co-requisite: Family and Consumer Sciences 415 (required).

FCS 420 (4) CHILD DEVELOPMENT IN THE FAMILY AND COMMUNITY

A study of the development of the child as influenced by the family, school, and community. Emphasis is placed on analyzing the social influences on family systems, child care, schools, poverty, peer groups, mass media, diverse cultures and community services on children's development. Field experience required. Offered every spring.

Prerequisite: Family and Consumer Sciences 120 or 150.

FCS 425 (3) CHILD AND ADOLESCENT NUTRITION

A study of the effect of nutrition on the development of the child, pre-natal through adolescent. Attention is given to nutrition related health problems and dietary planning. Computer applications required. Offered every spring.

Prerequisite: Family and Consumer Sciences 225 or 305.

FCS 430 (3) DESIGNING COMMERCIAL INTERIORS

Creative problem solving for contract spaces. Emphasis on a variety of commercial spaces and creating professional presentations. Laboratory. Offered alternate years, next offering in spring 2010.

Prerequisites: Family and Consumer Sciences 115 and 200.

FCS 435 (3) FOOD SERVICE PRODUCTION AND MANAGEMENT

Principles of successful organization and management with their application to the effective operation of food services. Administrative responsibilities of a food manager. Planning and preparing food to meet specific product standards for large groups. Lecture, computer applications, arranged laboratory and field experiences. Offered alternate years, next offering in fall 2009.

Prerequisite: Family and Consumer Sciences 110.

FCS 445 (2) CATERING

A study of specialized food production techniques and operation principles for home or small catering establishment. Types of catering services, recipe and menu development, costing marketing and implementing a catering business will be discussed. Lecture, bi-weekly three-hour laboratory experience, field experiences, and computer applications required. Offered alternate years, next offering in fall 2008.

Prerequisite: Family and Consumer Sciences 110.

FCS 455 (3) FOOD SCIENCE

Analysis of the composition and chemical structure of food that affect the color, flavor, texture, aroma, and nutritive quality. The application of this information for careers in the food industry. Current research in food technology and food consumption patterns is investigated. Computer applications and laboratory required. Offered alternate years, next offering in spring 2009.

Prerequisite: Family and Consumer Sciences 110 and Chemistry 295.

FCS 460 (4) ADMINISTRATION AND SUPERVISION IN EARLY CHILDHOOD EDUCATION

Application of basic principles in the guidance of young children. To examine the multidimensional roles of the early childhood program director/administrative styles, management tools and interpersonal skills that contribute to effective leadership. Supervised field experience in an early childhood education setting is required. Offered every spring.

Prerequisite: Family and Consumer Sciences 310.

FCS 470 (3) PRACTICUM IN CHILD DEVELOPMENT

Supervised practicum in laboratory experience in an approved early childhood center. It is designed for students who plan careers in early childhood and family support programs. Students become familiar with observing the development, guiding, and teaching children in a preschool program. This course may be used toward the experience component of the State of California Child Development Site Supervisor Permit. Offered every spring.

Prerequisites: Family and Consumer Sciences 120 and 310 and consent of instructor.

FCS 475 (2 OR 4) INTERNSHIP IN CHILD DEVELOPMENT

Career-related work experience in which students observe and actively participate using their acquired skills and knowledge. Students are under the supervision of a department faculty supervisor and a qualified on-site supervisor. For 2 units of credit, 80 hours of work experience is required; for four units, 160 hours of work experience is required. May be repeated up to a total of four units. Graded Credit/No Credit. Offered every semester.

Prerequisites: Senior standing. Family and Consumer Sciences 120. Consent of department chair.

FCS 480 (2 OR 4) INTERNSHIP IN FAMILY AND CONSUMER SCIENCES

Career-related work experience in which students observe and actively participate using their acquired skills and knowledge. Students are under the supervision of a department faculty supervisor and a qualified on-site supervisor. For 2 units of credit, 80 hours of work experience is required; for four units, 160 hours of work experience is required. May be repeated up to a total of four units. Graded Credit/ No Credit. Offered every semester.

Prerequisites: Senior standing. Consent of department chair.

FCS 490 (1-4) SPECIAL STUDIES IN FAMILY AND CONSUMER SCIENCES

An individualized and detailed research study from selected topics. The research topic must be approved and supervised throughout the semester. May be repeated up to a total of four units. Offered every semester.

Prerequisites: Senior standing in the Department of Family and Consumer Sciences. Consent of department chair.

FCS 497 (2) FAMILY AND CONSUMER SCIENCES SENIOR SEMINAR

Analysis and discussions of interrelated issues found within the areas of Family and Consumer Sciences. Topics studied not otherwise included in other course work, such as research, public policy, professional accreditation, and historical significance. Required of all seniors graduating in the Department of Family and Consumer Sciences. Offered every semester.

HISTORY AND POLITICAL SCIENCE

Purposes

- To emphasize rigorous analysis of political structures, historical changes and continuities, and human relationships;
- To train students in the craft of communicating their ideas orally and in writing with precision and formal organization;
- To help students attain career-enhancing experiences outside the classroom;
- To equip students for immediate entry into either graduate/law school or a chosen career.

Tradition of Excellence

The Department of History and Political Science has a strong tradition of encouraging scholarship for service. The faculty not only have doctorates from renowned universities and personal scholarly pursuits, they also have abiding commitments to helping students learn about the people, events, and political structures that have created, and are creating, the world in which we live. The classroom goal of understanding is coupled with Wesleyan emphasis on human responsibility and creativity: To whom much is given, much is expected. Each of the four majors offers distinct avenues of study and career options; however, the students and faculty are joined in the belief that intelligent and wise Christians can be a force for good in the world. Small classes, student clubs, student-faculty dinners, shared travel opportunities, internship experiences, visiting lectures, and tight-knit departmental friendships make for a deeply happy scholarly life under the roof of Colt Hall. Housed also in Colt Hall and overseen by our faculty are the Institute of Politics and Public Service, the Margaret Stevenson Center for Women's Studies, and the Pre-Law Program.

Career Opportunities

Most graduates pursue careers in social service, government, teaching, ministry, and law. The department helps students find internships that fit career targets. Over the last decade a strong track record has been established for placing students, often with excellent scholarships and fellowships, in high-quality graduate schools, including UC Berkeley, Harvard, Yale, UCSD, and UCLA. Our hope is that these who are beginning their post-graduate careers will follow in the footsteps of established alumni who include college professors, librarians, directors of relief agencies, judges, public policy experts, school administrators, diplomats, leaders within church denominations, and a university president. Students are encouraged and empowered in the department to be creative with their lives in the service of church, community, nation, and world.

Majors and Minor

Majors

- History
 - International Studies
 - Peace Studies
 - Europe
 - Middle East
 - Russia and the Former Soveit Union
 - Asia
 - Latin America
 - Political Science
 - Social Science

Minor

- History

Courses

Faculty

Linda M. Beail, Ph.D.
University of Iowa

Diana Reynolds Cordileone, Ph.D.
University of California, San Diego

Rick A. Kennedy, Ph.D.
University of California, Santa Barbara

Jaeyoon Kim, Ph.D.
University of Oregon

Ronald B. Kirkemo, Ph.D.

American University

Dwayne L. Little, Ph.D.
University of Cincinnati

Lindsey J. H. Lupo, Ph.D.
University of California, Irvine

Rosco B. Williamson, Ph.D.
University of California, San Diego

William A. Wood, Ph.D., Chair
Indiana University

HISTORY MAJOR

LOWER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
HIS 270	Research Methods	4

UPPER-DIVISION REQUIREMENTS

Non-Western electives

Select 8 units from the following

HIS 340	Russia to 1900	4
HIS 342	Twentieth Century Russia and the Soviet Union	4
HIS 350	Islamic Civilization	4
HIS 355	Modern Middle East	4
HIS 356	Early East Asia	4
HIS 360	Modern South Asia	4
HIS 365	Modern Japan and Korea	4
HIS 368	Modern China Through Film	4
HIS 369	China in Revolution	4

European electives

Select 8 units from the following

HIS 306	Birth of Europe	4
HIS 308	Early Modern Europe	4
HIS 311	European Intellectual History	4
HIS 413	Nineteenth-Century Europe	4
HIS 414	Twentieth-Century Europe	4
HIS 415	Europe and the World	4

American electives

Select 8 units from the following

HIS 316	Colonial and Revolutionary America	4
HIS 320	United States History, 1815-1914	4
HIS 370	California History	4
HIS 380	America in the 1960's	4
HIS 425	United States Since 1914	4
HIS 435	Asian-American History: 1800 to Present	4
HIS 436	America in East Asia: 1800 to Present	4
HIS 480	Seminar in San Diego History	4

16 Additional upper-division History courses

Choose from any of the courses listed above, below, or approved from a Study Abroad program advisor .

HIS 372	<i>Two Years Before the Mast and the History of Coastal California</i>	2
HIS 375	African Cultures and Histories	3
HIS 460	Internship in History	1-4
HIS 473	Themes in History	4
HIS 475	Topics in Women's History	4
HIS 487	Ancient Historians	4
HIS 490	Special Studies in History	1-4

TOTAL 40

INTERNATIONAL STUDIES MAJOR

LOWER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
ECO 101	Macroeconomics*	3
POL 230	Introduction to International Relations	4
POL 270	Scope and Methods of Political Science	4
POL 290	World Regional Geography	3
	TOTAL	14

UPPER-DIVISION CORE REQUIREMENTS

COURSE	TITLE	UNITS
POL 370	Comparative Politics	4
POL 415	Women and Politics	4
POL 435	Global Governance	4
POL 450	Issues of Global Human Rights	2
POL 460	Internship in Political Science	3
HIS 415	Europe and the World	4

**Requirement in general education*

ELECTIVES:

8 units from the following (not counted toward concentration).

COURSE	TITLE	UNITS
POL 301	European Governments and European Union	4
POL 350	Rebuilding Devastated States	2
POL 351	War and Peace Studies	4
POL 420	United States Foreign Policy	4
POL 438	International Law	4
POL 442	Contemporary Issues in World Politics	4
POL 444	Contemporary Political Ideologies	4
POL 455	Social Movements and Religion in World Politics	4
HIS 340	Russia to 1900	4
HIS 342	Twentieth Century Russia and the Soviet Union	4
HIS 350	Islamic Civilizations	4
HIS 355	Modern Middle East	4
HIS 356	Early East Asia	4
HIS 360	Modern South Asia	4
HIS 365	Modern Japan and Korea	4
HIS 369	China in Revolution	4
HIS 375	African Cultures and Histories	4
HIS 414	Twentieth-Century Europe	4
ECO 315	Theories of Economic Development	4
ECO 410	International Economics*	4
ECO 470	Contemporary Development Planning	4
FCS 315	Personal, Family and Community Health	3

LIT 436	Non-Western Literature*	4
LIT 439	Latin-American Authors*	4
SOC 350	Urban Sociology*	3
SOC 420	Social Change*	3
SOC 440	Social Movements and Collective Behavior*	3
PHL 351	Asian Philosophies and Religions	3

****These courses have prerequisites and may increase the total number of units needed for the major.***

CONCENTRATIONS (8 UNITS)

Students must declare a concentration in either Peace Studies or a Geographic Region. Students may also complete an individualized concentration consisting of 8 units of relevant coursework and an approved Off-campus Cooperative Program (OCP). Many OCPs have relevant coursework that will meet the concentration requirements with the advisor's approval. Individualized concentrations must be approved by the Department of History and Political Science.

COURSE	TITLE	UNITS
PEACE STUDIES		
POL 351	War and Peace Studies	4
POL 455	Social Movements and Religion in World Politics	4
EUROPE		
HIS 414	Twentieth-Century Europe	4
POL 301	European Governments and European Union	4
MIDDLE EAST		
HIS 350	Islamic Civilizations	4
HIS 355	Modern Middle East	4
RUSSIA AND THE FORMER SOVIET UNION		
HIS 340	Russia to 1900	4
HIS 342	Twentieth Century Russia and the Soviet Union	4
ASIA		
<i>Eight units from:</i>		
HIS 360	Modern South Asia	4
HIS 365	Modern Japan and Korea	4
HIS 369	China in Revolution	4
LATIN AMERICA		
Coursework for concentration available through Off-campus Cooperative Programs.		
AFRICA		
Coursework for concentration available through Off-campus Cooperative Programs.		
TOTAL		51

**OFF-CAMPUS COOPERATIVE PROGRAM (OCP) OR
WORLD CAPITALS (POL 391)**

Students must enroll in either an approved Off-Campus Cooperative Program or World Capitals program. Acceptable programs must involve a significant period of study outside of the United States. The International Studies advisor in the Department of History and Political Science makes the final determination on acceptable programs.

POLITICAL SCIENCE MAJOR

LOWER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
POL 101	Introduction to Political Science*	3
POL 165	American Government	4
POL 230	Introduction to International Relations	4
POL 270	Scope and Methods of Political Science	4
	TOTAL	15

**Meets a requirement in general education*

UPPER-DIVISION REQUIREMENTS

AMERICAN GOVERNMENT

Four units from:

POL 341	Campaigns and Elections in an Electronic Age	4
POL 380	Congress and the Presidency	4

GLOBAL POLITICS

Four units from:

POL 420	United States Foreign Policy	4
POL 435	Global Governance	4

COMPARATIVE GOVERNMENT

POL 370	Comparative Politics	4
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POLITICAL THEORY

POL 321	Western Political Thought	4
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CAPITALS PROGRAM

POL 390	American Capitals Program	9
	OR	
POL 391	World Capitals Program	9

INTERNSHIPS

POL 460	Internship in Political Science	4
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ELECTIVES

Eight additional units from:

COURSE	TITLE	UNITS
POL 301	European Governments and European Union	4
POL 320	U.S. Constitution and Civil Liberties Law	4
POL 325	American Political Thought	4
POL 330	The Development of Feminist Thought	4
POL 341	Campaigns and Elections in an Electronic Age	4
POL 350	Rebuilding Devastated States	2
POL 351	War and Peace Studies	4
POL 360	California Government and Politics	4

POL 380	Congress and the Presidency	4
POL 415	Women and Politics	4
POL 420	United States Foreign Policy	4
POL 435	Global Governance	4
POL 437	International Economics*	4
POL 438	International Law	4
POL 441	Issues in Public Policy	4
POL 442	Contemporary Issues in World Politics	4
POL 444	Contemporary Political Ideologies	4
POL 450	Issues of Global Human Rights	2
POL 455	Social Movements and Religion and World Politics	4
POL 490	Special Studies in Political Science	1-4
	TOTAL	52

**Required prerequisite for this course increases the number of units in the major.*

SOCIAL SCIENCE MAJOR

This major is specifically designed for secondary teaching. Students desiring to become secondary social science teachers should complete the Single Subject requirements as outlined under the School of Education.

LOWER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
HIS 110	World Civilizations I	3
HIS 111	World Civilizations II	3
HIS 270	Research Methods	4
ECO 101	Principles of Economics I	3
ECO 102	Principles of Economics II	3
SOC 101	Introduction to Sociology	3
POL 165	American Government	4
POL 190	The Politics of Race, Class, and Gender	4
POL 290	World Regional Geography	3
	TOTAL	30

UPPER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
HIS 316	Colonial and Revolutionary America	4
HIS 320	United States History, 1815-1914	4
HIS 370	California History	4
HIS 425	United States Since 1914	4
One course from:		
HIS 413	Nineteenth-Century Europe	4
HIS 414	Twentieth-Century Europe	4
One course from:		
HIS 350	Islamic Civilizations	4
HIS 355	Modern Middle East	4
One course from:		
HIS 356	Early East Asia	4
HIS 360	Modern South Asia	4
HIS 365	Modern Japan and Korea	4
HIS 369	China in Revolution	4
One course from:		
POL 320	U.S. Constitution and Civil Liberties Law	4
POL 380	Congress and the Presidency	4
	TOTAL	32

HISTORY MINOR

A History minor, consisting of 18 units, is available for those in other majors who nevertheless desire to learn some of the skills and content available to History majors. The requirements are:

COURSE TITLE	UNITS
HIS 110 World Civilizations I	3
HIS 111 World Civilizations II	3
Upper-division Non-Western elective	4
Upper-division European elective	4
Upper-division American elective	4
TOTAL	18

HISTORY AND POLITICAL SCIENCE COURSES

History

Lower-Division

HIS 110 (3) WORLD CIVILIZATIONS I–GE

A survey of world societies from the earliest Eurasian civilizations to the era of European expansion in the 16th century. Offered every fall and spring.

HIS 111 (3) WORLD CIVILIZATIONS II–GE

A survey of world societies from the era of European voyages of discovery to the formation of a global civilization in the late 20th century. Offered every fall and spring.

HIS 270 (4) RESEARCH METHODS

An introduction to historical methods and the skills necessary for upper division work in history. While writing several short papers and one major research paper, students practice a wide range of research skills such as analyzing primary and secondary texts, working in archives and libraries, editing and revising, note taking, and documentation. In addition, class readings on contemporary historiography and new methods such as cultural studies and material culture acquaint students with the wide range of approaches to history. Students also visit local libraries, archives, and museums, and are encouraged to investigate the opportunities available for internships and career development during their student years.

Upper-Division

HIS 306 (4) BIRTH OF EUROPE

Beginning with the decline of the Roman Empire and rise of Europe in the West, this course focuses on the political and intellectual rise of Western Christendom and what would become France, Germany, and England. Emphasis is placed on the development of education, monasticism, papacy, cities, kingship, law, and the continuing legacy of the Roman Empire.

HIS 308 (4) EARLY MODERN EUROPE

Political, cultural, and intellectual development in continental Europe from 1648-1789. Emphasis is on the Scientific Revolution and Enlightenment, European expansion, and the social transformation of Europe leading to the French Revolution.

HIS 311 (4) EUROPEAN INTELLECTUAL HISTORY

An upper-division seminar on the intellectual history of Europe from the 1780s through the end of the 19th century. Readings analyze the rise of the national intellectual traditions in England and on the Continent, including Rousseau, Kant, Hegel, Schopenhauer, Mill, Nietzsche, Freud, and others. Emphasis on the rise of philosophical irrationalism within the context of post-Enlightenment thought. Also crosslisted as Philosophy 311.

HIS 316 (4) COLONIAL AND REVOLUTIONARY AMERICA

North American history from initial Indian, Spanish, French, and British attempts to create working relationships to the fracturing of the French and Indian War, Revolutionary War, and War of 1812. The course emphasizes the diverse political experiments and struggles that characterize 17th and 18th-century North America, especially the intellectual roots and contemporary ideas manifested in the United States Constitution.

HIS 320 (4) UNITED STATES HISTORY, 1815-1914

An analysis of the political leadership of Andrew Jackson and Abraham Lincoln; the ideas of liberalism, nationalism, expansion, and industrialization; the social impact of religious revivals, slavery, and feminism; and the cataclysmic impact of the Mexican, Civil, and Spanish-American wars as the nation hurtled toward world power status after World War I.

HIS 340 (4) RUSSIA TO 1900

A history of Russia from the establishment of Kievan Rus to the end of the 19th century, emphasizing the factors involved in the rise and development of the Russian Empire.

HIS 342 (4) TWENTIETH CENTURY RUSSIA AND THE SOVIET UNION

Beginning with the Revolution of 1905, this course examines the cataclysmic changes which have taken place in the Russian Empire and the Soviet Union during the 20th century.

HIS 350 (4) ISLAMIC CIVILIZATION

This course surveys the history of the Islamic world from the birth of Muhammad to 1800, with special focus on the religion of Islam and its impact on diverse Muslim societies.

HIS 355 (4) MODERN MIDDLE EAST

This course is a history of the Middle East since 1800, focusing on European imperialism, colonialism, nationalism, Arab-Israeli conflicts, and Islamic revival movements.

HIS 356 (4) EARLY EAST ASIA

An introduction to the societies and cultures of pre-modern China, Japan, and Korea, three of the countries that make up the geographical and cultural unit of East Asia.

HIS 360 (4) MODERN SOUTH ASIA

The Indian subcontinent from the Early Modern period to the present, with emphasis on the interaction between South Asia and the wider world, especially the modern West.

HIS 365 (4) MODERN JAPAN AND KOREA

This course explores the forces of continuity and change in the transformation of Japan and Korea since the mid-16th century; examines each country's role in the other's "modernization;" and explores the region's interaction with the West in the run-up to the "Pacific Century."

HIS 368 (4) MODERN CHINA THROUGH FILM

This is a lecture class on films reflecting critically on historical interpretations of modern China. Emphasis is on the analysis of social and political themes reflected in the historical periods, the explication of cultural aspects, and the discussion of the narrative structure that develops a human tragedy or comedy through modern Chinese history.

HIS 369 (4) CHINA IN REVOLUTION

China in Revolution introduces the epic sweep of China's modern transformations. The class examines the uneasy relationship between past and present in modern China. The changing understandings of China's cultural and political pasts and the problems and paradoxes of Chinese modernity are the themes of this course.

HIS 370 (4) CALIFORNIA HISTORY

A comprehensive survey of California from prehistory through Spanish exploration, Mexican rule, and evolution as an American state since 1850. Emphasis is placed on comparing myth to reality, new directions in interpretation, and demonstrating how past social, economic, and political events have had an impact on the present. Offered every fall and summer and every spring of odd-numbered years.

HIS 372 (2) TWO YEARS BEFORE THE MAST AND THE HISTORY OF COASTAL CALIFORNIA

While sailing on the *Californian*, a replica of an 1847 Revenue Cutter that patrolled the coast of California, the course uses R.H. Dana's *Two Years Before the Mast* as the focal point for studying the multi-cultural history of the California coast before the 1850s. Summer only.

HIS 375 (3) AFRICAN CULTURES AND HISTORIES

An interdisciplinary examination of the social and cultural histories of Africa with emphasis on the contact between Africans and Europeans since the late Nineteenth Century. Crosslisted with Sociology 375. Offered fall of odd years.

HIS 380 (4) AMERICA IN THE 1960'S

The study of this pivotal decade focuses on many social, economic, political, and military themes, including the Vietnam War, assassinations, Cold War, civil rights, the war against poverty, the space race, women's rights, urban riots, student unrest, music, and other cultural manifestations of alienation from the prevailing American culture.

HIS 390 (3-15) OFF-CAMPUS COOPERATIVE PROGRAMS

This course provides history credit for participation in an off-campus studies program approved by the department, such as historical and archaeological programs offered through other colleges and universities or those offered on a special basis by Point Loma. Application for approval is made to the departmental office.

HIS 413 (4) NINETEENTH-CENTURY EUROPE

A survey of European society and politics from 1789 to 1914. Emphasis is placed on the French Revolution, the industrial revolution, national unification, and the European balance of power until 1914.

HIS 414 (4) TWENTIETH-CENTURY EUROPE

A survey of European history since World War I. Special attention is given to the rise of fascist regimes, the Cold War, and the opening of Eastern Europe since 1989.

HIS 415 (4) EUROPE AND THE WORLD

European imperialism since 1800 with an emphasis on the British Empire in India and the European scramble for Africa. Lectures and readings compare different national approaches to colonialism and Empire, assess the impact of Empire on the cultural and political developments of the European nations, and consider the legacy of colonialism in the 20th century.

HIS 425 (4) UNITED STATES SINCE 1914

Beginning with the outbreak of World War I, analyzes in detail the kaleidoscopic nature of contemporary

American life. Emphasizes the shift from traditional values to modern relativism and secularism, the benefits and liabilities of being a world power, and the impact of great personalities as the nation threaded its way through depression, wars, scandals, and technological advance.

HIS 435 (4) ASIAN-AMERICAN HISTORY: 1800 TO THE PRESENT

This course introduces the field of Asian American history, which examines the experiences of people of Chinese, Japanese, Korean, South Asian, Filipino, and Southeast Asian ancestry in the United States.

HIS 436 (4) AMERICA IN EAST ASIA: 1800 TO THE PRESENT

This course is designed to acquaint students with the on-going interchange between the U.S. and East Asian countries. Although several units of the course are devoted to China, Japan, and Korea, attention is also given to such Southeast Asian countries as Vietnam and the Philippines. Among the themes explored in the course are tradition and modernization, collisions between East and West, democracy and authoritarianism, imperialism and nationalism, and interdependence and independence.

HIS 460 (1-4) INTERNSHIP IN HISTORY

A learning experience in a work environment at selected sites. Students are under the supervision of an on-site supervisor and a faculty academic advisor.

Prerequisite: Consent of instructor.

HIS 473 (4) THEMES IN HISTORY

An intensive study of a selected historical theme in either American or world history based, in part, on the usage of primary sources. May be repeated for a maximum of eight units.

HIS 475 (4) TOPICS IN WOMEN'S HISTORY—WS

This seminar explores themes in the field of women's history. Women's roles and historical contributions, the context of gender relations, and methodologies of social and intellectual history studied within a specific era or topic in American or world history.

HIS 480 (4) SEMINAR IN SAN DIEGO HISTORY

Students in this seminar focus on a significant social, economic, or political theme in local history. Most of the research uses to best advantage the wide range of primary sources located in San Diego area archives. Working with the professor and fellow students, research papers are prepared to professional standards which may lead to publication in a historical journal.

HIS 487(4) THE ANCIENT HISTORIANS

An intensive reading seminar using translations of ancient histories, this course focuses on the history of the Fertile Crescent and the Mediterranean from the beginnings of the Persian Empire to the fall of the Western Roman Empire as told by ancient historians. Use of evidence, conceptions of time and purpose, and the responsibilities of the historian are emphasized along with the narrative presented by historians such as Moses, Herodotus, Livy, Plutarch, Luke, Eusebius, and Tacitus.

HIS 490 (1-4) SPECIAL STUDIES IN HISTORY

An individualized study of a special topic or an internship applying the critical skills of the historian. The project must be approved and supervised by a department faculty member. May be repeated for a maximum of eight units.

Prerequisite: Consent of instructor.

Political Science

Lower-Division

POL 101 (3) INTRO TO POLITICAL SCIENCE—GE

A survey of the major elements of the political world. The course focuses on important concepts of political philosophy and behavior, structures of government, and the people and processes of politics. Offered every fall and spring.

POL 165 (4) AMERICAN GOVERNMENT

A study of American political ideas, governmental institutions, and political processes at the national, state, and local levels. The study also describes and evaluates the major policy commitments of the national government. Meets the United States Constitution requirement to obtain a California teaching credential. Offered every spring.

POL 190 (4) THE POLITICS OF RACE, CLASS, AND GENDER—GE/WS

An introduction to politics, using an interdisciplinary approach to contemporary controversies surrounding issues of ethnicity, socioeconomic class, and gender. The course includes historical, legal, and political perspectives. Offered every fall.

POL 230 (4) INTRODUCTION TO INTERNATIONAL RELATIONS

An investigation of the structures of international relations with reference to conflict and cooperation. Topics include the national interest, alliances, the causes of war, conflict resolution, diplomacy, and international

law. Offered every spring.

POL 270 (4) SCOPE AND METHODS OF POLITICAL SCIENCE

An examination of the scope of the discipline of political science and the methodological skills used in the study of political phenomena. Offered every fall.

POL 290 (3) WORLD REGIONAL GEOGRAPHY

A survey of the six major geographical regions of the world, and the interaction between the geological and geographical environments and the social and cultural structures of the peoples of those regions.

Upper-Division

POL 301 (4) EUROPEAN GOVERNMENTS AND EUROPEAN UNION

This course explores the governments and politics of the major democratic European nations and the nations of Eastern Europe in transition to democracy. The regional integration movement in Europe embodied in the European Community is also analyzed.

POL 320 (4) U.S. CONSTITUTION AND CIVIL LIBERTIES LAW

A survey of the basic tenets of constitutional law with an emphasis on civil liberties embodied in the Bill of Rights and major Supreme Court decisions.

POL 321 (4) WESTERN POLITICAL THOUGHT

Study of canonical texts by important political thinkers throughout the history of Western civilization, such as Plato, Aristotle, Hobbes, Locke, Marx, and Foucault. Issues of enduring interest to political philosophers, such as freedom, justice, and authority are discussed.

POL 325 (4) AMERICAN POLITICAL THOUGHT

Foundations of democratic theory and the development of political thought in the American experience, from its Enlightenment roots to postmodern challenges.

POL 330 (4) THE DEVELOPMENT OF FEMINIST THOUGHT—WS

A survey of the development of various strands of feminist thought, and engagement in current conversations within and about feminism.

POL 341 (4) CAMPAIGNS AND ELECTIONS IN AN ELECTRONIC AGE

This course analyzes the American electoral process with regard to the history of the political party system, recent trends in partisanship and vote choice, basic techniques of political advertising, and the role of television news, the Internet, and other electronic media in campaigns.

POL 350 (2) REBUILDING DEVASTATED STATES

Political collapse and humanitarian disaster are increasingly resulting from exploited economies, internal war, and policies of repression and genocide. Using such cases as Armenia, Somalia, Rwanda, and Mozambique, this course explores the efforts to demobilize and reconcile the country, reconstruct social structures, and create democratic politics and capitalistic economies. Special attention is also given to the theories of democratization, the efforts of the international donor community, and the relief and rebuilding activities of non-governmental organizations. Offered on a Quad basis.

POL 351 (4) WAR AND PEACE STUDIES

The first part of this course explores traditional theories and modern scientific studies of war. The course then moves to an analysis of the Vienna and Versailles Peace Conferences, alternative peace paradigms, and then methods of peace research and avenues of policy action.

POL 360 (4) CALIFORNIA GOVERNMENT AND POLITICS

The course explores the state and local government of California, the political dynamics of the state, and the contemporary issues of both the state and local levels such as water policy, urban planning, and redevelopment.

POL 370 (4) COMPARATIVE POLITICS

An introduction to the political processes and institutions within countries, with a focus on comparing these across regions. Topics include forms of governance, revolutions, ethnic conflict, and development. A different region of the world will be highlighted to explore these issues each year. Offered every spring.

POL 380 (4) CONGRESS AND THE PRESIDENCY

A study of the legislative and executive branches of American government. Topics include the structure and functions of the United States Congress and the presidency, relations between the branches, and the role of interest groups in influencing legislators and executives.

POL 390 (9) AMERICAN CAPITALS PROGRAM

This three-course sequence of classes in political issues and governmental processes is taken in either Sacramento, California, or Washington, D.C. The sequence is taken in conjunction with Political Science 460 and together the courses provide students with politically contextualized study and experience in government. Available only through the Sacramento Semester Program in Sacramento, or the American

Studies or Washington Semester Program in Washington, D.C.

POL 391 (9) WORLD CAPITALS PROGRAM

This sequence of classes in political issues and governmental processes is taken in the national capital of another country. The sequence is taken in conjunction with Political Science 460 and together they provide students interested in world or comparative politics the opportunity for politically contextualized study and experience.

POL 415 (4) WOMEN AND POLITICS–WS

An examination of women's role in political life. The content includes analysis of gender as a legitimate category of political inquiry, gender-based social movements, women's political participation, and the impact of political systems and public policy on women.

POL 420 (4) UNITED STATES FOREIGN POLICY

A study of the policy-making process, including the roles of public opinion and the president, the United States Congress, and the bureaucracy. The course also investigates the challenges and opportunities facing the United States in the new post-Cold War world of economic competition.

POL 435 (4) GLOBAL GOVERNANCE

This course reviews and evaluates the evolving mechanisms for global order and justice. Primary attention is given to the United Nations system, international law, and the expansion of international regimes.

POL 437 (4) INTERNATIONAL ECONOMICS

This course presents detailed treatment of theories and models of international trade, rationale for barriers to trade, government trade policies, international trade agreements and organizations, balance of payments, exchange rate regimes, currency unions, and foreign debt issues. Crosslisted as Economics 410.

Prerequisites: Economics 101 and 102 or consent of instructor.

POL 438 (4) INTERNATIONAL LAW

This course introduces advanced undergraduate students to the development and content of international law, in particular its role in the current practice of international relations. Topics include laws of war, use of force, minority rights, environmental law, and the future of international law.

Prerequisite: Political Science 435 or consent of instructor.

POL 441 (4) ISSUES IN PUBLIC POLICY

A study of the policy-making process in the United States, illustrated by an in-depth study of a contemporary public policy issue.

POL 442 (4) CONTEMPORARY ISSUES IN WORLD POLITICS

An in-depth study of selected issues in contemporary world politics, such as arms control issues, environmental issues, convergence issues, and virtual diplomacy.

POL 444 (4) CONTEMPORARY POLITICAL IDEOLOGIES

This course examines political ideologies that shape beliefs, values, and actions of political movements and regimes. Topics include totalitarianism, authoritarianism, socialism, and democracy. Includes an in-depth study of democratic theory and practice globally.

POL 450 (2) ISSUES OF GLOBAL HUMAN RIGHTS

This course reviews the causes of such gross violations of human rights as genocide, torture, and "ethnic cleansing," the corpus of international human rights law, and emerging areas of human rights concern.

POL 455 (4) SOCIAL MOVEMENTS AND RELIGION IN WORLD POLITICS

This course explores the influence and action of non-state actors in world politics, focusing in particular on networks of actors and the ideas that motivate these movements. Topics include globalization, the development of global civil society, north-south relations, religious violence and nationalism, and the role of religion within and among states. Offered spring 2009.

POL 460 (2-4) INTERNSHIP IN POLITICAL SCIENCE

A learning experience in a work environment at a selected governmental or public advocacy site. Students are under the supervision of an on-site supervisor and an academic advisor.

Prerequisite: Consent of instructor.

POL 490 (1-4) SPECIAL STUDIES IN POLITICAL SCIENCE

An individualized study of a topic applying the special skills of a political scientist. The project must be approved and supervised by an academic advisor. May be repeated up to a total of eight units.

Prerequisite: Consent of instructor.

KINESIOLOGY

Purposes

- To provide students the opportunity to participate in a program designed to aid in the development of physical efficiency, healthful living, social cooperation and individual activity for the enjoyable and intelligent use of leisure time;
- To introduce students to the potential benefits of a stimulating systematic exercise program;
- To prepare students for careers in teaching, coaching, therapeutic science, athletic training, and recreation-oriented community service programs.

Tradition of Excellence

The Department of Kinesiology offers students many unique opportunities. Students participate with experienced and nationally recognized professors in a dynamic, hands-on educational experience. The faculty gives the students a deep insight into the area of sport and physical education, making the program perfect for a variety of interests. In addition, the Athletic Training Education Program is nationally accredited by the Commission on the Accreditation of Athletic Training Education Programs (CAATE). As part of the educational program, students participate in practical laboratory and internship programs, observation and participation in hospitals and physical therapy centers, observation of surgery and special lecture series with medical doctors and other medical experts.

Career Opportunities

Graduates of the Department of Kinesiology are prepared for a variety of opportunities that await them after leaving PLNU. Many students go on to graduate schools in physical therapy, physical education, exercise physiology and medical school. Other students become teachers and/or coaches. Still others go on to work as program directors at hospitals and sports clinics. With the experiences and education found at PLNU, the opportunities in fields related to Kinesiology become reality.

Majors

Athletic Training
Exercise Science
Physical Education

Minor

Athletic Coaching

Courses

Athletic Training
Kinesiology and Physical Education
Physical Education

Faculty

Ted Anderson, Ph.D.
Texas A&M University

Jerry L. Arvin, M.S.
Butler University

Nicole L. Baker, M.A.
San Jose State University

Ann E. Davis, M.Ed.
National University

Ben E. Foster, M.A.
San Diego State University

Susan E. Ganz, Ph.D.
University of New Mexico

Timothy M. Hall, Ed.D.
Alliant International University

Richard M. Hills, M.A.
San Diego State University

Leon M. Kugler, Ph.D.
University of Toledo

Carroll B. Land, Ph.D.
University of Southern California

Alan G. Nakamura, M.A.
Azusa Pacific University

Shane H. Peterson, M.A.
Azusa Pacific University

Brandon J. Sawyer, M.Ed., Visiting
University of Virginia, Charlottesville

Jeff A. Sullivan, Ph.D., Chair
Oregon State University

William B. Westphal, M.Ed.
Occidental College

Arthur J. Wilmore, M.A.
California Polytechnic State University

ATHLETIC TRAINING MAJOR

LOWER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
CHE 103	Introduction to General , Organic, and Biological Chemistry	4-5
CHE 152	OR General Chemistry	
BIO 130	Human Anatomy and Physiology I	4
BIO 140	Human Anatomy and Physiology II	4
KPE 101	Orientation to Kinesiology, Physical Education, Athletic Training	1
KPE 280	Introduction to Athletic Training	2
KPE 280-L	Introduction to Athletic Training lab	1
ATR 102	Risk Management and Emergency Response	2
ATR 290	Clinical Internship I	3
ATR 291	Clinical Internship II	3
	TOTAL	24-25

UPPER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
KPE 312	Motor Learning and Motor Development	3
KPE 325	Structural Kinesiology	2
KPE 327	Applied Biomechanics	2
KPE 340	Physiology of Exercise	3
KPE 440	Measurement, Statistics and Evaluation of Human Performance	3
ATR 385	Pathology of Injury and Illness	3
ATR 387	Assessment of Lower Extremity Pathology	3
ATR 388	Assessment of Head, Spinal, and Upper Extremity Pathology	3
ATR 390	Clinical Practicum I	3
ATR 391	Clinical Practicum II	3
ATR 410	Therapeutic Exercise	3
ATR 415	Therapeutic Modalities and Pharmacology	4
ATR 460	Management of Allied Health Care	3
ATR 493	Clinical Preceptorship I	2
ATR 494	Clinical Preceptorship II	1
	TOTAL	41

RECOMMENDED COURSES

COURSE	TITLE	UNITS
PED 300	Optimal Health	2

ACCREDITATION OF THE ATHLETIC TRAINING EDUCATION PROGRAM

The ATEP is accredited by the Commission on Accreditation of Athletic Training Education.

ADMISSION TO THE ATHLETIC TRAINING EDUCATION PROGRAM (ATEP)

Students must apply for admission to the major. Space in the sophomore, junior and senior level courses is limited, and admission to the Athletic Training major is competitive. Selections for participation in the sophomore level ATEP are made during the spring for the following fall semester.

ELIGIBILITY

Students are eligible to be considered for the Point Loma Nazarene University ATEP when the following criteria are met:

- Submission of an ATEP Application for Admission* by the first Friday in March.
- Submit three letters of recommendation on the ATEP form*.
- Complete all competencies required in Kinesiology and Physical Education 280 Introduction to Athletic Training and the companion laboratory Kinesiology and Physical Education 280L and achieve a grade of B- or better.
- Complete all competencies in Athletic Training 102 Risk Management and Emergency.
- Response and achieve a grade of B- or better.
- Completion of 36 hours of observation in the PLNU Athletic Training Clinic verified by a PLNU ATC. Transfer students may do their observation in another Athletic Training setting, with hours verified by an ATC who must have their signature notarized.
- Have a minimum grade point-average of 2.500**.
- Submit a PLNU physical examination form*, see under Health Status below.
- Meet and certify understanding of the Technical Standards for Admission to the ATEP.
- Agree to and sign the PLNU Mission Statement Code of Conduct
- Submit immunization record*.
- Complete an interview with the ATEP Admissions Committee.

* Available on the PLNU ATEP website: www.pointloma.edu/KPE/athletic/curr.htm.

** Probationary admission status may be considered under special circumstances.

SELECTION

- The ATEP Admissions Committee, comprised of ATEP faculty members and one student from each of the three student cohorts, rate each applicant on the following: quality of application, letters of recommendation, interview, clinical observation experience, grades in required courses, cumulative GPA, and completion of Technical Standards assessment and Code of Conduct endorsement.
- Students are selected for admission to the ATEP in April and begin the program in August of the following academic year. These students are deemed the cohort of the year they are projected to graduate.

HEALTH STATUS

- Submit a PLNU physical examination form completed by a physician or physician assistant stipulating the candidate is physically able to perform the duties of an Athletic Training student.
- Students must have current immunizations prior to beginning their sophomore clinical courses. Immunization reporting form is available on the ATEP Web site: www.pointloma.edu/Kinesiology/ATEP/curr.htm.

PROBATIONARY ADMISSION STATUS

Should an applicant not meet the required prerequisite course grades or cumulative GPA requirement, he/she may apply to the program and be considered for a probationary admission status if all other admission criteria are met. A student admitted to the ATEP on probationary status must meet the requirements for retention in the ATEP as outlined below, or that student is not permitted to continue in the program.

RETENTION

All students admitted to the ATEP must maintain the following minimum standards to remain in good standing in the program:

- Maintain a 2.500 cumulative GPA.
- Adhere to and exhibit high levels of performance on the Technical Standards and enthusiastically adhere to and promote the Mission of the PLNU ATEP.
- Earn a grade of C or better in the following courses: Athletic Training 290, 291, 385, 387, 388, 390, 391, 410, 415, 460, 493, 494.

PROGRAM PROVISIONS

- Students are required to commute to off-campus internships via their own transportation arrangements.
- Students are required to wear clothing that identifies them as a Student Athletic Trainer from PLNU.
- To complete the ATEP course of study requires a minimum of three academic years.

TRANSFER STUDENTS

Transfer students may apply and gain admission to the ATEP under the following conditions:

- Completion of the degree in Athletic Training following admission to Point Loma Nazarene University and the ATEP requires a minimum of three years.
- All prerequisite course work required for admission to the ATEP completed at another institution prior to matriculation to PLNU must be judged to be equivalent to PLNU courses. Transfer students must demonstrate they have met the educational competencies required in those three classes by submitting the following to the ATEP director by the third Friday in February: 1) official transcripts demonstrating completion of the three prerequisite courses with grades of B- or better, 2) catalog copy of the three course descriptions, and 3) contact information for the faculty who taught each of the courses.

Any certified Athletic Training Clinician may verify the 36 hours of required observation in an Athletic Training setting. If the verifying ATC is not an employee of PLNU, a notary public must authenticate the signature. The log of hours and the ATC verification of those hours must be presented with the ATEP application on the form found on the ATEP Web site.

NATIONAL CERTIFICATION

- Upon completion of the baccalaureate degree in Athletic Training, students are eligible to apply for and take the NATA-BOC certification examination. Student Athletic Trainers who pass the national examination become Certified Athletic Trainers.

EXERCISE SCIENCE MAJOR

LOWER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
CHE 152	General Chemistry I	4
CHE 153	General Chemistry II	4
BIO 210	Cell Biology and Biochemistry	4
BIO 130	Human Anatomy and Physiology I	4
BIO 140	Human Anatomy and Physiology II	4
BIO 220	Microbiology of Infectious Diseases	5
KPE 101	Orientation to Kinesiology, Physical Education, Athletic Training	1
KPE 280	Introduction to Athletic Training	2
PSY 103	General Psychology	3
	Certification in First Aid and CPR	
	TOTAL	31

UPPER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
PSY 321	Abnormal Psychology	3
PED 300	Optimal Health	2
KPE 312	Motor Learning and Motor Development	3
KPE 325	Structural Kinesiology	2
KPE 327	Applied Biomechanics	2
KPE 340	Physiology of Exercise	3
KPE 440	Measurement, Statistics and Evaluation of Human Performance	3
ATR 385	Pathology of Injury and Illness	3
	<i>One additional upper-division elective in the Department of Kinesiology</i>	3
KPE 430	Advanced Exercise Physiology	3-5
	OR	
	<i>One of the following:</i>	
ATR 387	Assessment of Lower Extremity Pathology	3
ATR 388	Assessment of Head, Spinal and Upper Extremity Pathology	3
ATR 410	Therapeutic Exercise	3
ATR 415	Therapeutic Modalities and Pharmacology	4
KPE 488	Internship in Kinesiology	3
BIO 470	Neuroscience	3
CHE 295	Organic Chemistry I	5
PSY 308	Developmental Psychology-Birth Through Adolescence	4
	TOTAL	30-31

PHYSICAL EDUCATION MAJOR

LOWER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
BIO 130	Human Anatomy and Physiology I	4
BIO 140	Human Anatomy and Physiology II	4
CHE 103	Intro to General, Organic, and Biological Chemistry	5
ATR 102	Risk Management and Emergency Response OR Certification in First Aid and CPR	2
KPE 101	Orientation to Kinesiology, Physical Education, Athletic Training	1
KPE 280	Introduction to Athletic Training	2
KPE 280-L	Introduction to Athletic Training Lab	1
PED 210	Team Sports Fundamentals	2
PED 211	Individual and Dual Sports I	2
PED 212	Team Sports Strategies	2
PED 213	Individual and Dual Sports II	2
	TOTAL	27

UPPER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
PED 300	Optimal Health	2
PED 301	Contemporary Health Issues	2
PED 303	Sports Officiating	2
PED 330	History and Trends of Physical Education	3
PED 350	Foundations and Techniques of Coaching	4
PED 480	Leadership in Physical Education-Related Programs	3
KPE 312	Motor Learning and Motor Development	3
KPE 325	Structural Kinesiology	2
KPE 327	Applied Biomechanics	2
KPE 340	Physiology of Exercise	3
KPE 440	Measurement, Statistics and Evaluation of Human Performance	3
	Six additional upper-division units in Kinesiology, Physical Education, and Athletic Training	6
	TOTAL	35

ATHLETIC COACHING MINOR

Athletic Coaching Minor

REQUIRED

COURSE TITLE	UNITS
PED 300 Optimal Health*	2
PED 350 Foundations and Techniques of Coaching	4
PED 470 Praxis of Strength Training, Conditioning, and Kinesiatrics	3
KPE 280 Introduction to Athletic Training	2
KPE 290L Introduction to Athletic Training Lab	1
Practicum or Internship in Coaching	3
<i>One of the following:</i>	
PED 210 Team Sports Fundamentals	2
PED 211 Individual and Dual Sports I*	2
PED 212 Team Sports Strategies*	2
PED 213 Individual and Dual Sports II*	2
*Satisfies general education requirement	
TOTAL (includes 4 units that meet general education requirements)	17

ATHLETIC TRAINING COURSES

Lower-Division

ATR 102 (2) RISK MANAGEMENT AND EMERGENCY RESPONSE

Prevention, recognition, and management of health emergencies.
Corequisite: Kinesiology and Physical Education 101.

ATR 290 (3) CLINICAL INTERNSHIP I

Instruction, practice, and supervision in the clinical aspects of Athletic Training by a Certified Athletic Trainer/Clinical Instructor in an offcampus setting. This is an equipment-intensive course. Special Fee.
Prerequisites: Admission to ATEP.

ATR 291 (3) CLINICAL INTERNSHIP II

Instruction and supervision in the clinical aspects of Athletic Training by a Certified Athletic Trainer/Clinical Instructor. This is a lower-extremity focused course. Special Fee.
Prerequisites: Admission to ATEP and consent of instructor.

Upper-Division

ATR 385 (3) PATHOLOGY OF INJURY AND ILLNESS

An in-depth study of the etiological factors and care of injury and illness. Mechanisms of injury, pathology of illness, topographical appearance, imaging technology for assessment, implications for return to activity and long term health sequelae serve as the matrix for study of pathology. Psychology of injury and illness is studied.

ATR 387 (3) ASSESSMENT OF LOWER EXTREMITY PATHOLOGY

Through the systematic application of the HIPS method of assessment injuries of the pelvis and lower extremity are studied. Mastering clinical note taking and clinical role playing in lab setting allow students to practice neuromusculoskeletal injury assessment.

ATR 388 (3) ASSESSMENT OF HEAD, SPINAL, AND UPPER EXTREMITY PATHOLOGY

Through the systematic application of the HIPS method of assessment injuries of the axial skeleton, central nervous system, thorax, abdomen, and the upper extremity are studied. Clinical note taking must be mastered. Clinical role playing in lab setting allows students to practice neuromusculoskeletal injury assessment.

ATR 390 (3) CLINICAL PRACTICUM I

Advanced practice and supervision in the clinical aspects of Athletic Training by a Certified Athletic Trainer/Clinical Instructor in a collegiate setting. Special Fee.
Prerequisite: Athletic Training 291.

ATR 391 (3) CLINICAL PRACTICUM II

Clinical experience in a collegiate setting under the supervision of a Certified Athletic Trainer/Clinical Instructor. Emphasis is on therapeutic modalities and nutrition. Special Fee. *Prerequisite: Athletic Training 390 and consent of instructor.*

ATR 410 (3) THERAPEUTIC EXERCISE

Theory and practice of active therapeutic techniques including manual, William's, and McKensie therapies, proprioceptive neuromuscular facilitation and progressive resistance.

ATR 415 (4) THERAPEUTIC MODALITIES AND PHARMACOLOGY

Use, physiological effects and contraindications of thermal, electrical, acoustic, and cryogenic modalities. Study of drug classifications and medico-legal aspects of therapeutic and pharmacological treatments. Special Fee.

ATR 460 (3) MANAGEMENT OF ALLIED HEALTH CARE

Leadership theory and practices in allied health care. Trends in national and international health care.

ATR 493 (2) CLINICAL PRECEPTORSHIP I

Advanced clinical experience in orthopedic surgery and sports medicine clinic under the supervision of an orthopedic surgeon and Certified Athletic Trainer/Clinical Instructors. General medical emphasis.

ATR 494 (1) CLINICAL PRECEPTORSHIP II

Advanced clinical experience in family medicine. Includes capstone clinical experience and mock certification examination. General medical emphasis.
Prerequisite: Admission to the ATEP.

KINESIOLOGY AND PHYSICAL EDUCATION COURSES

Lower-Division

KPE 101 (1) ORIENTATION TO KINESIOLOGY, PHYSICAL EDUCATION, ATHLETIC TRAINING

An introductory course dealing with the expectations, opportunities, and the nature of the professions for which students of the department might prepare. Topics addressed include essential computer skills, library and internet search techniques, ethics, issues for women and men in the work place, trends in sport coaching, officiating, sports medicine and physical education, professional organizations, and personal accountability.

KPE 280 (2) INTRODUCTION TO ATHLETIC TRAINING

Recognition and initial care of commonly occurring injuries to active people. Objective methods of determining if a person is able to continue to play following injury or if referral to medical care is required. Special fee.

Upper-Division

KPE 280-L (1) INTRODUCTION TO ATHLETIC TRAINING LAB

Skill acquisition in the techniques and procedures required of the Athletic Training clinician. Laboratory instruction on techniques of strapping, binding, and wound management. Required of Athletic Training majors. Special fee.

Corequisite: Kinesiology and Physical Education 280.

KPE 312 (3) MOTOR LEARNING AND MOTOR DEVELOPMENT

Motor Development: A study of motor, physical, and neuromuscular development from prenatal periods to old age. Motor Learning: A study of factors involved in the learning and performance of motor skills. Laboratory experiences included.

KPE 325 (2) STRUCTURAL KINESIOLOGY

In-depth study of the structure and function of neuro-musculo-skeletal components of the human body in motion. Laboratory experiences included. Offered on a Quad basis.

Prerequisite: Biology 130 or consent of instructor.

KPE 327 (2) APPLIED BIOMECHANICS

Quantitative and qualitative assessments of human movement through the use of kinematic and kinetic means. Students apply the physics of motion to the understanding and teaching of movement in the physical activity and rehabilitative contexts. Offered on a Quad basis.

Corequisite: Kinesiology and Physical Education 325.

KPE 340 (3) PHYSIOLOGY OF EXERCISE

A study of the effects of vigorous physical activity upon the systems of the body; development of an understanding of factors which constitute training of the human body for high levels of health and physical performance. Laboratory experiences included. Special fee.

Prerequisite: Biology 140 or consent of instructor.

KPE 430 (3) ADVANCED EXERCISE PHYSIOLOGY

Detailed analysis of the effects of exercise on the organ systems of the body. Lecture and laboratory. Special fee.

Prerequisite: Kinesiology and Physical Education 340.

KPE 440 (3) MEASUREMENT, STATISTICS, AND EVALUATION OF HUMAN PERFORMANCE

Study of measurement techniques and instruments, descriptive and inferential statistics and evaluation procedures in human performance. Assessment of cognitive, physical, and motor domains through test construction, administration, and interpretation are the central content areas of the course. An original research proposal including statistical design is required.

KPE 470 (3) PRAXIS OF STRENGTH TRAINING, CONDITIONING, AND KINESIATRICES

Application of concepts of exercise science in the development and practice of strength training and conditioning programs. Kinesiatrics, movement to enhance athleticism, physical efficiency, and organismic wellness, is practiced. May be used to prepare for national certification in strength and conditioning or fitness and wellness.

Prerequisite: Kinesiology and Physical Education 340 or consent of instructor.

KPE 484 (1-3) PRACTICUM IN KINESIOLOGY

An on-campus experience in which the student works with a faculty member to gain experience in the field of Kinesiology. May be repeated for up to a total of six units.

Prerequisite: Consent of department chair.

KPE 488 (1-3) INTERNSHIP IN KINESIOLOGY

An off-campus experience under supervision of a faculty member in which the student gains experience in the field of kinesiology. May be repeated for up to a total of six units.

Prerequisite: Consent of department chair.

KPE 490 (1-3) SPECIAL STUDIES IN KINESIOLOGY

An intensive study by an individual or group under the direction of a faculty member of a topic in kinesiology not otherwise studied in the curriculum. Intended for junior or senior students in strong academic standing. May be repeated up to a total of six units.

Prerequisite: Consent of instructor and departmental chair.

KPE 491 (1-3) RESEARCH IN KINESIOLOGY

Independent investigation under faculty supervision of a specific problem in the field of kinesiology. Intended for junior or senior students in strong academic standing. May be repeated for up to a total of six units.

Prerequisite: Consent of department chair.

PHYSICAL EDUCATION COURSES

Courses numbered 100 to 184 and 300 may be used to meet general education requirements in physical education. Courses numbered 102 through 168 are designed for the general student body, with the objective of developing a level of skill and understanding of the activity sufficient to enable the student to participate with enjoyment and efficiency in this activity for a lifetime.

Lower-Division

PED 100 (1) FITNESS THROUGH MOVEMENT–GE

Development of personal fitness through assessment, theory, and practice; introduces principles of conditioning, nutrition, and stress management leading to a lifetime of fitness and desirable health attitudes and practices.

PED 102 (1) SELECTED ACTIVITIES IN PHYSICAL EDUCATION–GE

Development of fundamental skills through participation in selected activities. (Activity not offered in other courses; to be announced in the schedule.) May be repeated up to a total of 2 units. May have a special fee.

PED 115 (1) ADAPTED PHYSICAL ACTIVITY–GE

Individually-tailored exercise program for those students physically unable to enroll in the regular physical activity courses. Introduces concepts of physical fitness, basic physiology, nutrition, and proper body mechanics. May be repeated up to a total of 2 units.

Prerequisites: Physician's referral and with the approval of the department chair.

PED 120 (1) BEGINNING TENNIS–GE

Fundamental techniques, rules, court play, and etiquette.

PED 121 (1) ADVANCED TENNIS–GE

Development of the advanced skills of the approach shot, net play, varied serves, and spins. Participation in singles and doubles strategies and competition.

Prerequisite: Consent of instructor.

PED 130 (1) BEGINNING VOLLEYBALL–GE

An introduction to the fundamental skills for effective play and an understanding of the rules of the game.

PED 131 (1) ADVANCED VOLLEYBALL–GE

Review of fundamental skills required for highly competitive play with the addition of advanced strategies and technique.

Prerequisite: Physical Education 130 or consent of instructor.

PED 135 (1) BADMINTON–GE

An introduction to the basic techniques, strategies, and rules for singles and doubles play.

PED 140 (1) BEGINNING SWIMMING–GE

Fundamental swim strokes, skills, and safety techniques geared toward developing fitness. Special fee.

PED 141 (1) ADVANCED SWIMMING–GE

Training techniques in competitive swimming. Starts, turns, conditioning, stroke mechanics. Special fee.

Prerequisite: Physical Education 140 or consent of instructor.

PED 144 (1) BEGINNING SURFING–GE

Instruction and participation in the basic skills of surfing and rough water safety. Offered on a Quad basis.

PED 148 (1) AEROBICS–GE

Sustained, creative calisthenics, and exercises performed to musical accompaniment.

PED 150 (1) BOWLING–GE

An introduction to basic skill techniques, rules, safety, etiquette, and competitive league experience. Special fee.

PED 155 (1) WEIGHT TRAINING–GE

Development of skills and knowledge pertaining to building strength, endurance, and flexibility through the use of weights.

PED 160 (1) GOLF–GE

An introduction to basic skill techniques, rules, safety, and etiquette leading to a practical golf course experience. Special fee.

PED 168 (1) OUTDOOR ADVENTURES–GE

Instruction in the necessary skills and use of proper equipment for safe, enjoyable wilderness outings.

Concepts of survival, route-finding, leadership and trip planning for backpacking, rock climbing, and whitewater rafting are part of the student's experience. Special fee for transportation and food. Offered on a Quad basis.

Courses numbered 170 through 184 are designed for participants on Point Loma Nazarene University's intercollegiate athletic teams. Consent of instructor required. May be repeated for credit no more than four times.

PED 170 (1) VARSITY BASKETBALL: MEN-GE
PED 171 (1) VARSITY BASKETBALL: WOMEN-GE
PED 172 (1) VARSITY TENNIS: MEN-GE
PED 173 (1) VARSITY TENNIS: WOMEN-GE
PED 174 (1) VARSITY TRACK AND FIELD: MEN-GE
PED 175 (1) VARSITY TRACK AND FIELD: WOMEN-GE
PED 176 (1) VARSITY GOLF-GE
PED 177 (1) VARSITY BASEBALL-GE
PED 178 (1) VARSITY SOFTBALL-GE
PED 180 (1) VARSITY SOCCER: MEN-GE
PED 181 (1) VARSITY VOLLEYBALL-GE
PED 182 (1) VARSITY CROSS COUNTRY: MEN-GE
PED 183 (1) VARSITY CROSS COUNTRY: WOMEN-GE
PED 184 (1) VARSITY SOCCER: WOMEN-GE

PED 210 (2) TEAM SPORTS FUNDAMENTALS

Basic, beginning skills and knowledge of softball, basketball, soccer, volleyball, and flag football. Meets general education requirements for majors in Physical Education.

PED 211 (2) INDIVIDUAL AND DUAL SPORTS I- GE

Skills, strategies, rules and etiquette of racquetball, tennis, badminton, track and field. Meets general education requirements for majors in Physical Education.

PED 212 (2) TEAM SPORTS STRATEGIES-GE

Team play and prerequisite knowledge and performance of whole sport participation.

PED 213 (2) INDIVIDUAL AND DUAL SPORTS II- GE

Skills, strategies, rules and etiquette of outdoor education, tumbling, dance, combatives, and swimming.

Upper-Division

PED 300 (2) OPTIMAL HEALTH-GE

Students are encouraged to take charge of their own lives in terms of attitude, exercise, and nutrition-fostering new habits in these areas and developing an understanding of health as more than the absence of disease.

PED 301 (2) CONTEMPORARY HEALTH ISSUES

Development of health concepts and teaching techniques in the areas of mental health, substance abuse, communicable disease, and self defense.

PED 303 (2) SPORTS OFFICIATING

Rules, mechanics, philosophy, and opportunities in sports officiating in softball/baseball, football, volleyball, basketball, track and field, and soccer. Lecture and practicum format.

Prerequisite: Physical Education 210, 212 or concurrent enrollment in Physical Education 212 or consent of instructor.

PED 308 (3) PHYSICAL EDUCATION FOR CHILDREN

Development of competencies in teaching motor skills, social skills, and fitness through games, sports, and movement experiences. Organization of teaching units, classroom management, and selection of methods and materials for pre-school and elementary grades. Includes practicums. Offered on a Quad basis.

Prerequisite: Physical Education 100 or 300 or Family and Consumer Sciences 315.

PED 330 (3) HISTORY AND TRENDS OF PHYSICAL EDUCATION

A study of philosophical and historical forces which have influenced contemporary physical education and sports programs. Includes the games of various cultures, past and present, and pertinent current issues in physical education and sport.

PED 350 (4) FOUNDATIONS AND TECHNIQUES OF COACHING

An overview of coaching aspects including psychology of coaching, administrative coaching skills, and technical strategies of team sports. Includes sport-specific training in: basketball, softball/baseball, and volleyball.

Prerequisite: Physical Education 210 or consent of instructor.

PED 416 (3) METHODS OF TEACHING SECONDARY PHYSICAL EDUCATION

A study of the philosophical bases, instructional techniques and procedures, and the various elements

involved in teaching physical education at the secondary level. Addresses students with special needs and includes classroom teaching methods, field observation, practical application, and the California State Framework in Physical Education.

Recommendation: Concurrent enrollment in Education 300 or 408 is strongly recommended.

PED 450 (3) PSYCHOLOGY AND SPORT PERFORMANCE FOR COACHES AND ATHLETES

The enhancement of athletic performance and general techniques for coaches of all sports. Principles are applied to the specific sport interests of each student.

PED 470 (3) PRAXIS OF STRENGTH TRAINING, CONDITIONING, AND KINESIATRICS

Application of exercise science concepts in the development and practice of strength training and conditioning programs. Kinesiatrics, movement used to enhance athleticism, physical efficiency and organismic wellness, is practiced. Intended to prepare students for national certification examinations as strength and conditioning coaches and/or personal fitness trainers.

PED 480 (3) LEADERSHIP IN PHYSICAL EDUCATION-RELATED PROGRAMS

General organizational leadership principles and their application to the organization and administration of physical education, exercise science, athletics, and athletic training.

PED 484 (1-3) PRACTICUM IN COACHING

An on-campus experience involving observation and/or active coaching experiences under the direction of a PLNU athletic coach. May be repeated for a maximum of six units.

Prerequisite: Physical Education 350 or consent of instructor.

PED 488 (1-3) INTERNSHIP IN COACHING

An off-campus experience involving observation and/or active coaching with a local athletic team or fitness center. May be repeated for a maximum of six units.

Prerequisite: Physical Education 350 or consent of instructor.

LITERATURE, JOURNALISM, AND MODERN LANGUAGES

Purposes

- To equip students with the skills to develop expository and creative writing;
- To develop interpretive, analytical, and critical skills through the close study and analysis of literary works;
- To develop competency in a foreign language as well as insight into other peoples and cultures;
- To educate students in the history and structure of the English language;
- To broaden students' awareness and appreciation of our cultural heritage by examining masterpieces of western and world civilizations.

Tradition of Excellence

The Department of Literature, Journalism, and Modern Languages invites students to enter into the "republic of letters," to become students of the basic component of human interaction: language. The department is committed to helping students learn how to communicate themselves and their ideas effectively through the analysis and study of the written word as used in a breadth of literature—classical and modern, English and French, British and American Ethnic, etc. The faculty offer different approaches to the subject matter due to their different educational backgrounds. Professors of the department have distinguished themselves by having work published in *Great Lives, Great Events -- The Seventeenth Century*, *Great Lives -- The Eighteenth Century*, *Nineteenth Century Literature Criticism*, *Brontë Studies*, *The Ben Jonson Journal*, *The Literary Encyclopedia*, *English Today: The International Review of the English Language*, *Religion and Literature*, *Literature and Belief*, *Christianity and Literature*, *Profession*, *Journal on African Literature: Tydskrif vir leterkunde*, *Contemporary French and Francophone Studies*, *Nineteenth Century French Studies*, *La Corónica*, *The Princeton University Library Chronicle*, *The New York Times*, *Christianity Today*, *Relevant Magazine*, *Sojourners*, *The Journal of Mass Media Ethics*, and the *Encyclopedia of Christian Literature*. They have given lectures and submitted papers at such places as the University of London, UCLA, Princeton University, and the American Association of Teachers of Spanish and Portuguese in Madrid, Spain. Department faculty have also received major national grants including several from the National Endowment for the Humanities, the Fulbright Fellowship Grant, and the Del Amo Foundation.

Career Opportunities

Students who have graduated from the Department of Literature, Journalism, and Modern Languages have been accepted into some of the finest graduate schools in the country. In addition to careers in law, education, journalism and public relations, graduates from our department are now active in a variety of business fields, ranging from investment banking to clothing retail management, tour agency management, and personnel management. Internship programs with local newspapers and magazines are also established to create contacts and experience for our students to gain employment in technical writing, business writing, and newspaper reporting.

Majors and Minors

MAJORS

- Broadcast Journalism
- Journalism
- Literature
 - Literature
 - English Education
- Romance Languages
- Spanish
- Writing

MINORS

- American Literature
- British Literature
- French
- Public Relations
- Spanish
- World Literatures
- Writing

Courses

- Journalism and Writing Courses
- Linguistics Courses

Faculty

Sue Crider Atkins, Ph.D.
University of Alabama, Tuscaloosa

Scott M. Bennett, Ph.D.
University of California, Santa Barbara

Carol A. Blessing, Ph.D., Chair
University of California, Riverside

Philip D. Bowles, Ph.D.
Claremont Graduate School and San Diego State University

Kara S. deFreitas, M.A., Visiting
California State University, Chico

Richard A. Hill, Ph.D.
University of Southwestern Louisiana

Alain M. Lescart, Ph.D.
University of Connecticut

Katherine D. Manning, M.A., Visiting
University of Missouri

Karl E. Martin, Ph.D.
University of Minnesota

Kathryn G. McConnell, Ph.D.
University of California, Los Angeles

David Michael McKinney, Ph.D.
University of Southern California

Jacqueline Mitchell, M.A.
University of California, Los Angeles

Fru Festus Ndeh, Ph.D.
University of Duisburg-Essen

Dean E. Nelson, Ph.D.
Ohio University

Charlene K. Pate, M.A.
*San Diego State University and California State
University, San Marcos*

Bettina Tate Pedersen, Ph.D.
University of Illinois, Urbana-Campaign

Carl A. Winderl, Ph.D.
New York University

Hadley Wood, Ph.D.
Harvard University

Galen B. Yorba-Gray, Ph.D.
Texas Tech University

BROADCAST JOURNALISM MAJOR

Point Loma Nazarene University offers a major in Broadcast Journalism, sponsored jointly by the Department of Communication and Theatre and the Department of Literature, Journalism, and Modern Languages. Students may direct their questions to either department.

LOWER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
COM 150	Introduction to Media Communication	3
COM 195	Media Literacy	3
COM 243	Introduction to Television and Film Production	3
COM 275	Audio Production	2
WRI 215	Newspaper Workshop	1
WRI 250	Introduction to Journalism	3
LOWER-DIVISION TOTAL		15

UPPER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
COM 350	Electronic Media in Comm.	3
COM 425	Television Workshop	1
COM 435	Advanced Audio Production	1
WRI 311	Radio Newswriting	2
WRI 312	Television Newswriting	3
WRI 340	Media Ethics and Law	3
WRI 323	Creative Writing: Creative Non-fiction	3
One upper-division course in Literature (other than general education literature)		3
WRI 470	Writing Internship (2) OR	
COM 421	Communication Internship	2-3
WRI 445	Television News (3) OR	
COM 445	Television News	3
UPPER-DIVISION TOTAL		24-25

ELECTIVES

COURSE	TITLE	UNITS
Take one course from the following:		
WRI 310	Advanced Reporting	3
WRI 313	Electronic Journalism	3
WRI 350	Writing for the Mass Media	3
Take one course from the following:		
TRE 250	Voice and Diction	2
COM 442	Field Television Production	2
COM 443	Studio Production	2
WRI 330	Photojournalism	3
ELECTIVES TOTAL		5-6
MAJOR TOTAL		44-46

JOURNALISM MAJOR

LOWER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
WRI 215*	Newspaper Workshop	3
WRI 250	Introduction to Journalism	3
LIT 250	Introduction to the Study of Literature	3
COM 150	Introduction to Media Communication	3
Two courses from the following:		
LIT 201	Masterpieces of World Literature I	3
LIT 202	Masterpieces of World Literature II	3
LIT 203	Masterpieces of World Literature III	3
One course from the following:		
LIT 254	British Writers I	3
LIT 255	British Writers II	3
LIT 256	American Writers I	3
LIT 257	American Writers II	3
TOTAL LOWER-DIVISION		21

***Three units of Newspaper Workshop. Writing 216 or 217 may substitute for two of those units.**

UPPER-DIVISION REQUIREMENTS

COURSE	TITLE	TITLE
WRI 310	Advanced Reporting	3
WRI 313	Electronic Journalism	3
WRI 340	Media Ethics and Law	3
WRI 345	Editing	3
WRI 350	Writing for the Mass Media	3
WRI 440	Magazine Editing and Concepts	3
WRI 470	Writing Internship	2
One course from the following:		
WRI 315	Advanced English Composition	3
WRI 320	Creative Writing: Mixed Genre	3
WRI 321	Creative Writing: Poetry	3
WRI 322	Creative Writing: Fiction	3
WRI 323	Creative Writing: Creative Non-Fiction	3
Two additional upper-division courses in literature listed under Literature, Spanish, or French.		6
Completion of one of the following two components:		
Print Journalism:		
ART 211	Photography I OR	3
WRI 330	Photo Journalism	
Editing:		

LIN 365	English Grammar and Usage	3
	TOTAL UPPER-DIVISION	32
	TOTAL MAJOR UNITS	53

Journalism Major with a Minor in Spanish

The Department offers a Journalism major with a Spanish minor. This extremely marketable and desirable combination is recommended for Journalism majors who desire to work in American border cities or in Latin American countries, as well as for students seeking a Single-Subject Teaching Credential. The student completes an internship at a bilingual newspaper, magazine, radio, or television station. A maximum of two of the required upper-division literature courses in the Journalism major may be in Spanish or Latin American literature.

LITERATURE MAJOR

Concentration in Literature

LOWER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
LIT 201	Masterpieces of World Literature I	3
LIT 202	Masterpieces of World Literature II	3
OR		
LIT 203	Masterpieces of World Literature III	
LIT 250	Introduction to the Study of Literature	3
LIT 254	British Writers I	3
LIT 255	British Writers II	3
LIT 256	American Writers I	3
LIT 257	American Writers II	3
TOTAL LOWER-DIVISION		21

UPPER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
LIT 361	World Drama and Poetry	3
LIT 461	Shakespeare	3
LIT 495	Literary Theory and Scholarship	3

One course from the following:

LIN 312	Introduction to Linguistics	3
LIN 365	English Grammar and Usage	3
LIN 404	Seminar: Special Topics in Linguistics	3

Two courses from the following:

LIT 344	American Novel	3
LIT 345	African-American Literature	3
LIT 346	Major Authors in American Literature	3
LIT 347	American Literary Movements	3
SPA 320	Mexican-American Literature and Culture	3

Two courses from the following:

LIT 436	Non-Western Literature	3
LIT 437	Women Writers	3
LIT 438	Continental Authors	3
LIT 439	Latin-American Authors	3

Three courses from the following:

LIT 444	Medieval Literature	3
LIT 445	17th Century English Literature	3
LIT 446	Romantic Literature	3
LIT 447	Victorian Literature	3
LIT 448	Post-Colonial Literature	3
LIT 449	English Novel	3

TOTAL UPPER-DIVISION 33

TOTAL MAJOR UNITS 54**RECOMMENDED ADDITIONAL COURSES FOR GRADUATE SCHOOL PREPARATION**

Second-year foreign language; the complete World Masterpiece sequence; supplementary upper-division courses in literature.

Concentration in English Education**LOWER-DIVISION REQUIREMENTS**

COURSE	TITLE	UNITS
WRI 250	Introduction to Journalism	3
LIT 201	Masterpieces of World Literature I	3
LIT 203	Masterpieces of World Literature III	3
LIT 250	Introduction to the Study of Literature	3
LIT 254	British Writers I	3
LIT 255	British Writers II	3
LIT 256	American Writers I	3
LIT 257	American Writers II	3
TOTAL LOWER-DIVISION		24

One course from the following:

WRI 220	Creative Writing: Mixed Genre	3
WRI 321	Creative Writing: Poetry	3
WRI 322	Creative Writing: Fiction	3
WRI 323	Creative Writing: Creative Non-Fiction	3
TOTAL		3

UPPER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
LIT 461	Shakespeare	3
LIT 495	Literary Theory and Scholarship	3
LIN 312	Introduction to Linguistics	3
LIN 365	English Grammar and Usage	3
WRI 315	Advanced English Composition	3
WRI 370	Writing Theory and Pedagogy	2

One course from the following:

LIT 345	African-American Literature	3
LIT 436	Non-Western Literature	3
LIT 437	Women Writers	3
LIT 439	Latin-American Literature	3
SPA 320	Mexican American Literature and Culture	3

Two courses from the following:

LIT 344	American Novel	3
LIT 346	Major Authors in American Literature	3
LIT 347	American Literary Movements	3

LIT 361	World Drama and Poetry	3
LIT 438	Continental Authors	3
LIT 444	Medieval Literature	3
LIT 445	17th Century English Literature	3
LIT 446	Romantic Literature	3
LIT 447	Victorian Literature	3
LIT 448	Post-Colonial Literature	3
LIT 449	English Novel	3
	TOTAL UPPER-DIVISION	26
	TOTAL MAJOR UNITS	53

TEACHER PREPARATION

In order to complete requirements for a teaching credential, students who pursue the concentration in English Education must also complete the state-required Subject Matter Summative Evaluation as well as the entire secondary Single-Subject California teaching credential with subject-matter authorization in English language arts.

ROMANCE LANGUAGES MAJOR

The following courses provide an academic foundation for the Liberal Studies major, the Romance Languages major, and the minors in French and Spanish. Students desiring to become secondary Spanish or French teachers should take Education 304, 306, and 402 in their junior and senior years.

It is recommended that prospective majors who anticipate doing graduate work in Spanish should also plan to take collateral courses in British, American, or Russian literature; philosophy; and history.

LOWER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
SPA 101-02	Elementary Spanish I, II	4, 4
SPA 250-251	Intermediate Spanish I, II	3, 3
FRE 101-02	Elementary French I, II	4, 4
FRE 250-251	Intermediate French I, II	3, 3
	OR Equivalent	
	TOTAL	28

UPPER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
SPA 302	Advanced Grammar and Reading	3
SPA 303	Advanced Conversation and Composition	3
SPA 310	Latin-American Culture and Civilization	3
SPA 315	Culture and Civilization of Spain	3
SPA 390	Current Spanish Linguistics	3
FRE 301	French Phonetics	3
FRE 303	French Conversation	3
FRE 315	French Civilization	3
FRE 320	Survey of French Literature	3

One course from the following:

SPA 320	Mexican-American Literature and Culture	3
SPA 380	Genre/Period Studies in Hispanic Literature or Film	3
SPA 400	Peninsular Literature before 1800	3
SPA 402	Peninsular Literature since 1800	3
SPA 437	Latin-American Literature before 1910	3
SPA 439	Latin-American Literature since 1910	3

Take six upper-division study-abroad units approved by the department and by the Dean of the College of Arts and Sciences. Study Abroad courses can substitute for or complement courses required in the major.

TOTAL	30
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SPANISH MAJOR

Students desiring to become secondary Spanish teachers should take Education 304, 306, and 402 in their junior and senior years.

It is recommended that prospective majors who anticipate doing graduate work in Spanish become familiar with French or German. They should also plan to take collateral courses in British, American, French, or Russian literature; philosophy; and history.

LOWER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
SPA 101-102	Elementary Spanish I, II	4, 4
SPA 250-251	Intermediate Spanish I, II OR Equivalent	3, 3
	TOTAL	14

UPPER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
SPA 302	Advanced Grammar and Reading	3
SPA 303	Advanced Conversation and Composition	3
SPA 310	Latin American Culture and Civilization	3
SPA 315	Culture and Civilization of Spain	3
SPA 320	Mexican American Literature and Culture	3
SPA 380	Genre/Period Studies in Hispanic Literature or Film	3
SPA 390	Current Spanish Linguistics	3
SPA 485	Senior Seminar in Spanish	1
LIT 250	Introduction to the Study of Literature	3
One of the following:		
SPA 400	Peninsular Literature before 1800	3
SPA 402	Peninsular Literature since 1800	3
One of the following:		
SPA 437	Latin American Literature before 1910	3
SPA 439	Latin American Literature since 1910	3

Take six upper-division study-abroad units approved by the Department and Dean of the College of Arts and Sciences. Study Abroad courses can substitute for or complement courses required in the major.

TOTAL **31**

WRITING MAJOR

LOWER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
LIT 250	Introduction to the Study of Literature	3
WRI 250	Introduction to Journalism	3
Two courses from the following:		
LIT 201	Masterpieces of World Literature I	3
LIT 202	Masterpieces of World Literature II	3
LIT 203	Masterpieces of World Literature III	3
One course from the following:		
LIT 254	British Writers I	3
LIT 255	British Writers II	3
LIT 256	American Writers I	3
LIT 257	American Writers II	3
Four units from the following:		
WRI 215**	Newspaper Workshop	1
WRI 216**	Literary Magazine Workshop	1
WRI 217**	Yearbook Workshop	1
TOTAL LOWER-DIVISION		19

***Each may be taken more than once (may substitute Writing 313 for two units of Writing 215/216/217).*

CREATIVE WRITING COURSES

Three courses from the following:

WRI 220	Creative Writing: Mixed Genre	3
WRI 321	Creative Writing: Poetry	3
WRI 322	Creative Writing: Fiction	3
WRI 323	Creative Writing: Creative Non-Fiction	3
TOTAL		9

UPPER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
WRI 345	Editing	3
WRI 365	Writing for Business and Professional Careers	3
WRI 420	Advanced Writing Workshop	3
WRI 470	Writing Internship	2
One course from the following:		
LIN 312	Introduction to Linguistics	3
LIN 365	English Grammar and Usage	3
LIN 404	Seminar: Special Topics in Linguistics	3
One course from the following:		
WRI 315	Advanced English Composition	3
COM 460	Rhetorical Theories and Models	3
One course from the following:		
WRI 350	Writing for the Mass Media	3

WRI 370	Writing Theory and Pedagogy	2
WRI 440	Magazine Editing and Concepts	3
	One additional upper-division literature course from courses listed under Literature, Spanish, or French	3
	TOTAL UPPER-DIVISION	28-32
	TOTAL MAJOR UNITS	50-51

AMERICAN LITERATURE MINOR

Minor in American Literature

COURSE	TITLE	UNITS
LOWER-DIVISION REQUIREMENTS		
LIT 250	Introduction to the Study of Literature	3
LIT 256	American Writers I	3
LIT 257	American Writers II	3
UPPER-DIVISION REQUIREMENTS		
<i>Three courses from the following:</i>		
LIT 344	American Novel	3
LIT 345	African American Literature	3
LIT 346	Major Authors in American Literature	3
LIT 347	American Literary Movements	3
LIT 437	Women Writers	3
LIT 461	Shakespeare	3
LIT 490	Special Studies in Literature (with appropriate content)	3
SPA 320	Mexican-American Literature and Culture	3
	TOTAL	18

BRITISH LITERATURE MINOR

Minor in British Literature

COURSE	TITLE	UNITS
LOWER-DIVISION REQUIREMENTS		
LIT 254	British Writers I	3
LIT 255	British Writers II	3
LIT 250	Introduction to the Study of Literature	3
UPPER-DIVISION REQUIREMENTS		
<i>Three courses from the following:</i>		
LIT 437	Women Writers	3
LIT 444	Medieval Literature	3
LIT 445	17th Century English Literature	3
LIT 446	Romantic Literature	3
LIT 447	Victorian Literature	3
LIT 448	Post-Colonial Literature	3
LIT 449	English Novel	3
LIT 461	Shakespeare	3
LIT 490	Special Studies in Literature (with appropriate content)	3
TOTAL		18

FRENCH MINOR

A minor in French is offered to those who wish to complement study in another discipline.

REQUIREMENTS

- Undergo a complete summative evaluation of language skills by way of an exit interview.
- Successfully complete at least 9 upper-division units in residence.
- Successfully complete the following courses:

COURSE	TITLE	UNITS
FRE 101	Elementary French I	4
FRE 102	Elementary French II	4
FRE 250	Intermediate French I	3
FRE 251	Intermediate French II	3
FRE 301	French Phonetics	3
FRE 303	French Conversation	3
FRE 315	French Civilization	3
FRE 320	Survey of French Literature	3
	TOTAL	26

PUBLIC RELATIONS MINOR

The minor in Public Relations is interdepartmental with the Fermanian School of Business, the Department of Literature, Journalism, and Modern Languages, and the Department of Communication and Theatre.

REQUIREMENTS

COURSE	TITLE	UNITS
BUS 332	Principles of Marketing	4
COM 330	Persuasion	3
COM 390	Introduction to Public Relations	3
COM 405	Public Relations Cases and Campaigns	3
WRI 250	Introduction to Journalism	3
WRI 355	Public Relations Writing	
	MINOR TOTAL	19

SPANISH MINOR

A minor in Spanish is offered to those who wish to complement study in another discipline. Course work can only approximate a bilingual setting and does not necessarily guarantee appropriate language proficiency. Therefore, students are encouraged to immerse themselves in the target language and to complete more than the minimum amount of language classes.

REQUIREMENTS

- Undergo a complete summative evaluation of language skills by way of an exit interview.
- Successfully complete at least 9 upper-division units in residency.
- Successfully complete the following courses:

COURSE	TITLE	UNITS
SPA 101-102	Elementary Spanish I, II	4, 4
SPA 250-251	Intermediate Spanish I, II	3, 3
SPA 302	Advanced Grammar and Reading	3
SPA 303	Advanced Conversation and Composition	3
<i>Complete a total of two courses from two different categories below:</i>		
Literature		
SPA 320	Mexican American Literature and Culture	3
SPA 380	Genre/Period Studies in Hispanic Literature or Film	3
SPA 400	Peninsular Literature before 1800	3
SPA 402	Peninsular Literature since 1800	3
SPA 437	Latin American Literature before 1910	3
SPA 439	Latin American Literature since 1910	3
Culture		
SPA 310	Latin American Culture and Civilization	3
SPA 315	Culture and Civilization of Spain	3
Linguistics		
SPA 390	Current Spanish Linguistics	3
	TOTAL	26

WORLD LITERATURES MINOR

Minor in World Literatures

COURSE	TITLE	UNITS
<i>Two courses from the following:</i>		
LIT 201	Masterpieces of World Literature I	3
LIT 202	Masterpieces of world Literature II	3
LIT 203	Masterpieces of World Literature III	3
LOWER-DIVISION REQUIREMENT		
LIT 250	Introduction to the Study of Literature	3
UPPER-DIVISION REQUIREMENTS		
<i>Three courses from the following:</i>		
LIT 361	World Drama and Poetry	3
LIT 367	Non-Western Literature	3
LIT 437	Women Writers	3
LIT 438	Continental Authors	3
LIT 439	Latin American Authors	3
LIT 448	Post-Colonial Literature	3
LIT 460	The Human Challenge	3
LIT 461	Shakespeare	3
LIT 490	Special Studies in Literature (with appropriate content)	3
	TOTAL	18

WRITING MINOR

A minor in Writing is offered to those who wish to complement study in another discipline. The importance, for all fields, of the ability to write effectively and interpret written material skillfully, makes this a marketable minor.

LOWER-DIVISION REQUIREMENTS

COURSE TITLE	UNITS
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Select one course from the following:

COM 175 Scriptwriting for Television and Film	3
WRI 220 Creative Writing: Mixed Genre	3
WRI 250 Introduction to Journalism	3

UPPER-DIVISION REQUIREMENTS (9 units minimum)

WRI 365 Writing for Business and Professional Careers	3
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Select three courses from the following:

LIN 312 Introduction to Linguistics	3
LIN 365 English Grammar and Usage	3
LIN 404 Seminar: Special Topics in Linguistics	3
TRE 490 Special Studies in Theatre (with playwriting content)	3
WRI 311* Radio News Writing	3
WRI 312* Broadcast News Writing	3
WRI 313* Electronic Journalism	3
WRI 315 Advanced Composition	3
WRI 321 Creative Writing: Poetry	3
WRI 322 Creative Writing: Fiction	3
WRI 323 Creative Writing: Creative Non-Fiction	3
WRI 345* Editing	3
WRI 350* Writing for the Mass Media	3
WRI 355* Writing for Public Relations	3
WRI 370* Writing Theory and Pedagogy	2
WRI 420* Advanced Writing Workshop	3
WRI 440* Magazine Editing and Concepts	3
WRI 490* Special Topics in Writing	3

*Course carries a pre-requisite.

Select two units from the following:

WRI 215** Newspaper Workshop	1
WRI 216** Literary Magazine Workshop	1
WRI 217** Yearbook Workshop	1

**Each may be taken more than once (may substitute Writing 470 Internship in Writing for two units of Writing 215/216/217).

TOTAL	16-17
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JOURNALISM AND WRITING COURSES

Students are placed in introductory writing courses according to SAT verbal and ACT exam scores and a writing assessment administered during the first week of classes. Those scoring in the upper ranges of SAT/ACT exams may apply for enrollment in Writing 120, Honors in College Composition (offered in the spring semester only), by completing the writing and grammar examination administered during the fall semester.

Lower-Division

WRI 097 (0) WRITING SKILLS TUTORIAL

An intensive one-on-one tutorial required of those needing extra work on the issues of grammatical correctness and sentence crafting that are essential to shaping ideas clearly. Includes a laboratory fee.

WRI 099 (3) WRITING WORKSHOP

A preparatory course for students not yet performing at college-entrance level in writing. The course includes instruction and practice in text comprehension in addition to the whole-text and sentence-level skills of good writers. Designed to prepare students for Writing 110.

Note: This course does not count toward the minimum 128 units required for graduation. Offered only to first-time freshmen through the LEAP program.

WRI 101 (4) AMERICAN ENGLISH FOR COLLEGE LEVEL WRITING/READING PROFICIENCY I

A review of sentence-level grammar, paragraph organization, development of the essay, and appropriate vocabulary for academic writing. Develops analytical critical thinking skills needed to write in response to a variety of published materials appropriate to academic work (texts, articles, political commentary, etc.). Vocabulary development is a crucial component of this course. Develops the student's ability to read, analyze, interpret, and respond both objectively and subjectively to published materials that are linguistically, conceptually, and culturally challenging. Emphasizes writing as a process, self-editing skills, and academic English within the cultural context.

Prerequisite: A writing/reading/Placement exam for purposes of evaluation. Academic Writing Holistic Reading Scale.

WRI 110 (5) COLLEGE COMPOSITION: WRITING AND RESEARCH-GE

A comprehensive first-year composition experience in reading, writing, and critical thinking, centered on essay. The course emphasizes the processes of writing thesis-based manuscripts as an evolving product, with attention to sentence-level conventions and coherence among well-developed paragraphs. Library research and writing the source-based essay are major components of the course.

Prerequisite: Satisfactory performance on SAT verbal or ACT exam or Writing 099 or 101.

WRI 115 (3) COLLEGE COMPOSITION: WRITING-GE

A first-year composition experience in reading, writing, and critical thinking, centered on the essay. The course emphasizes the processes of writing thesis-based manuscripts as an evolving product, with attention to sentence-level conventions and coherence among well-developed paragraphs.

Prerequisite: Satisfactory performance on SAT verbal or ACT exam or Writing 099 or 101.

WRI 116 (2) COLLEGE COMPOSITION: RESEARCH-GE

A first-year composition experience in reading, writing, and critical thinking, centered on the essay. The course emphasizes the process of writing as well as the manuscript as an evolving product. Library research and writing the source-based essay are the major components of the course.

Prerequisite: Satisfactory performance on SAT verbal or ACT exam or Writing 115.

WRI 120 (3) HONORS IN COLLEGE COMPOSITION-GE

Advanced application of writing as a process, in both technological and traditional formats, for the student who has mastered the basic conventions of writing. Preparation of the research paper, utilizing library research tools and strategies.

Prerequisite: Successful completion of a departmental qualifying examination.

WRI 215 (1) NEWSPAPER WORKSHOP

Writing for publication: techniques and methods of mass communication. Laboratory experience in constructing one or more of the news forms of the weekly student publication: news reporting; feature writing, editorials, photojournalism. Required of staff members of *The Point Weekly*. Writing 215, 216 and 217 may be repeated up to a combined total of eight units.

Prerequisite: Successful completion of the College Composition requirement (5 units).

WRI 216 (1) LITERARY MAGAZINE WORKSHOP

Hands-on production of PLNU's literary magazine, from concept to finished product. Open to all students. Writing 215, 216, and 217 may be repeated up to a combined total of eight units. *Prerequisite: Successful completion of the College Composition requirement (5 units).*

WRI 217 (1) YEARBOOK WORKSHOP

Writing for publication. Includes one or more of the following: planning and design, writing and editing, photojournalism, production and distribution. Required of staff members of *The Mariner*. Writing 215, 216 and 217 may be repeated up to a combined total of eight units.

Prerequisite: Successful completion of the College Composition requirement (5 units).

WRI 220 (3) CREATIVE WRITING: MIXED GENRE

A general introduction and overview of creative writing (including poetry, fiction, drama, and creative nonfiction) that serves majors, potential major, and other interested students. Attention will be given to methodology in teaching creative writing. Non-majors are strongly encouraged to complete Writing 220 before taking Writing 321, 322 or 323.

WRI 250 (3) INTRODUCTION TO JOURNALISM

The study of the philosophy and practice of journalism with an emphasis on news gathering and writing as a process in traditional and current technological formats. Explores broadcasting, electronic media, and the role of journalists in society.

Prerequisite: Successful completion of the College Composition requirement (5 units).

Upper-Division

WRI 310 (3) ADVANCED REPORTING

Concentrated application of journalism techniques. Stresses off-campus reporting, interviewing and news gathering, journalism responsibility, and ethics. Addresses the news organization as a business and its impact on the reporter.

Prerequisite: Writing 250.

WRI 311 (2) RADIO NEWS WRITING

Designed to provide an understanding of broadcast journalism including writing for television and radio newscasts. For those entering journalism as well as those who will deal with broadcast media in other professions. Production and broadcast of news on the university's radio station are required.

Prerequisite: Writing 250 or consent of instructor.

WRI 312 (3) BROADCAST NEWS WRITING

Building on concepts learned in Writing 311, this course concentrates on writing to pictures and sounds. For those wanting proficiency in hard news, features and commentary directed at viewers and listeners.

Prerequisites: Writing 250, Communication 225.

Corequisite: Communication 445/Writing 445.

WRI 313 (3) ELECTRONIC JOURNALISM

A course designed to show the variety of ways computers are used in the practice of journalism. Areas covered include on-line publishing, computer-assisted reporting, internet research methods, and writing for electronic media.

Prerequisite: Writing 250.

WRI 315 (3) ADVANCED ENGLISH COMPOSITION

A study of rhetorical theory and its application to the student's own writing and to the teaching of writing.

Prerequisite: Successful completion of the College Composition requirement (5 units).

WRI 321 (3) CREATIVE WRITING: POETRY

Comprehensive instruction and guided workshop in writing poetry. Attention is also given to methodology in teaching poetry writing and to finding publication.

WRI 322 (3) CREATIVE WRITING: FICTION

Comprehensive instruction and guided workshop in writing fiction. Attention is also given to methodology in teaching fiction writing and to finding publication.

WRI 323 (3) CREATIVE WRITING: CREATIVE NONFICTION

Comprehensive instruction and guided workshop in creative non-fiction writing, including personal essays and memoirs. Attention is also given to methodology in teaching non-fiction writing and to finding publication.

WRI 330 (3) PHOTOJOURNALISM

Photography that is directed to storytelling, combining the visual medium with writing skill.

WRI 340 (3) MEDIA ETHICS AND LAW

The study of major ethical journalistic philosophies, codes, and current practices. Interaction with professionals and discussions of ethical problems. Stresses responsible, fair, accurate journalism.

Prerequisite: Writing 250.

WRI 345 (3) EDITING

Designed to develop the student's ability to improve and clarify all forms of written expression. Genres include newspapers, magazines, books, internet, as well as other forms of story telling.

Prerequisite: Writing 250.

WRI 350 (3) WRITING FOR THE MASS MEDIA

An advanced writing course which incorporates studying editorial policies in addition to writing longer features for newspapers and magazines. Stories are submitted for publication. May be repeated up to a total of two units.

Prerequisite: Writing 250.

WRI 355 (3) PUBLIC RELATIONS WRITING

Practice in the planning, research, writing, editing, and evaluation skills needed to craft informative and persuasive messages in various media for various external and internal publics. Formats include print, broadcast, and web-based news releases, features, media kits, public service announcements, radio and video packages, brochures and newsletters, backgrounders and position papers.

Prerequisite: Writing 250.

WRI 365 (3) WRITING FOR BUSINESS AND PROFESSIONAL CAREERS

Strategies for success in business and professional writing, incorporating psychology, theory, and method. Topics include reports, proposals, instructions, resumes, memos, and letters.

Prerequisite: Successful completion of the College Composition requirement (5 units).

WRI 370 (2) WRITING THEORY AND PEDAGOGY

A course designed to educate students in the individualized instruction of writing. The course concentrates on theory and pedagogy and on ways to respond effectively to student writing, in the classroom as well as in a writing center. Particular attention is given to the concrete application of writing theories to student work.

Prerequisite: Successful completion of the College Composition requirement (5 units) and Linguistics 365.

WRI 420 (3) ADVANCED WRITING WORKSHOP

A senior-level capstone course for Writing majors and an advanced course for non-majors providing guided workshops, advanced practice, and advanced instruction in writing techniques and publication strategies used by professional writers.

Prerequisite: Writing 3231, 322, or 323

WRI 440 (3) MAGAZINE EDITING AND CONCEPTS

The study of American magazines, including their planning, editing, and designing. The class project involves completing a prospectus and publishing a county-wide magazine. May be repeated up to a total of two units.

Prerequisites: Successful completion of the College Composition requirement (5 units) and Writing 250.

WRI 445 (3) TELEVISION NEWS

An advanced course combining principles of journalistic writing and reporting with the field production techniques of television news. Students learn the basic concepts of reporting and producing a television news program and apply those concepts in a weekly newscast. Also crosslisted as Communication 445.

Prerequisites: Writing 250, Communication 225.

Co-requisite (for Broadcast Journalism major only): Writing 312.

WRI 470 (2) INTERNSHIP IN WRITING

A supervised experience in which the student works off campus in media. May be repeated up to a total of two units.

Prerequisites: Writing 250, 310, 340, and 350, or consent of instructor.

WRI 490 (1-3) SPECIAL STUDIES IN WRITING/JOURNALISM

An intensive study of a selected problem by an individual or group under the direction of a member of the faculty. May be repeated to a total of six units.

Prerequisites: Consent of instructor and department chair.

WRI 499 (1-3) RESEARCH IN WRITING/JOURNALISM

Independent research under the guidance of a faculty member.

Prerequisites: Consent of instructor and department chair and senior standing.

LINGUISTICS COURSES

Upper-Division

LIN 312 (3) INTRODUCTION TO LINGUISTICS

The nature and structure of language (universals) via the science of linguistics, emphasizing the core areas of phonology, morphology, syntax, and semantics. Also introducing sociolinguistics, language acquisition and development, historical comparative methods, and neurolinguistics.

LIN 365 (3) ENGLISH GRAMMAR AND USAGE

A descriptive study of English morphology and syntax, focusing mainly on sentence parts and types. Also a study of the rules of standard American usage, which are prescribed by the literate society, and an introduction to text grammar.

LIN 404 (3) SEMINAR: SPECIAL TOPICS IN LINGUISTICS

An in-depth study of a selected issue or problem that is usually interdisciplinary in nature.

Prerequisite: Consent of instructor.

LIN 490 (1-3) SPECIAL STUDIES IN LINGUISTICS

An intensive study of a selected problem by an individual or group under the direction of a member of the faculty. May be repeated up to a total of six units.

Prerequisites: Consent of instructor and department chair.

LITERATURE COURSES

Lower-Division

LIT 201 (3) MASTERPIECES OF WORLD LITERATURE I–GE

A survey of literary classics of the ancient and medieval periods including various genres and nations. Includes works by authors such as Homer, Aeschylus, Sophocles, Euripides, Plato, Aristotle, Virgil, and Dante.

Prerequisite: Successful completion of the College Composition requirement (5 units).

LIT 202 (3) MASTERPIECES OF WORLD LITERATURE II–GE

A survey of the classics of the renaissance, neoclassical, and romantic periods including various genres and nations. Includes authors such as Petrarch, Cervantes, Shakespeare, Racine, Voltaire, Goethe, Keats, and Whitman.

Prerequisite: Successful completion of the College Composition requirement (5 units).

LIT 203 (3) MASTERPIECES OF WORLD LITERATURE III–GE

A survey of literary classics from realism and naturalism through the modern period. Includes such authors as Flaubert, Dostoevsky, Ibsen, Joyce, Lessing, Gide, Akhmatove, Kafka, Eliot, Duras, Faulkner, and Achebe.

Prerequisite: Successful completion of the College Composition requirement (5 units).

LIT 205 (2) GREAT WORKS IN A LITERARY GENRE: THE NOVEL–GE

An analysis and study of major representative examples of the novel; may include shorter works of fiction. Offered on a Quad basis.

Prerequisite: Successful completion of the College Composition requirement (5 units).

LIT 206 (2) GREAT WORKS IN A LITERARY GENRE: DRAMA–GE

An analysis and study of major representative examples of drama. Offered on a Quad basis.

Prerequisite: Successful completion of the College Composition requirement (5 units).

LIT 207 (2) GREAT WORKS IN A LITERARY GENRE: POETRY–GE

An analysis and study of major representative examples of poetry. Offered on a Quad basis.

Prerequisite: Successful completion of the College Composition requirement (5 units).

LIT 208 (2) GREAT WORKS IN A LITERARY GENRE: SHORT STORY–GE

An analysis and study of major representative examples of the short story; may include longer works of fiction. Offered on a Quad basis.

Prerequisite: Successful completion of the College Composition requirement (5 units).

LIT 250 (3) INTRODUCTION TO THE STUDY OF LITERATURE

This course is designed with a threefold emphasis: 1) it instructs students in the practice of close reading and literary analysis of all the major genres of literature: prose (fiction and nonfiction), poetry, and drama, giving special attention to close reading and literary analysis of poetry, 2) it requires the study and mastery of literary terms, their definitions and applications, and 3) it introduces students to, and helps them to distinguish between, the major schools of literary criticism and their approaches to literary texts, which in turn should enhance students' further study of primary texts in other upper-division literary courses, providing a rudimentary background for a more extensive study of literary criticism.

Prerequisite: Successful completion of the College Composition requirement (5 units).

LIT 254 (3) BRITISH WRITERS I

Discussion and analysis of major movements, genres, authors, and works from 700 to 1798. Includes Beowulf and such authors as Chaucer, Julian of Norwich, Spenser, Shakespeare, Swift, Milton, Behn, Pope, and Johnson.

Prerequisite: Successful completion of the College Composition requirement (5 units).

LIT 255 (3) BRITISH WRITERS II

Discussion and analysis of major movements, genres, authors, and works from 1798 to 1941. Includes works by Coleridge, Wordsworth, Shelley, Keats, Byron, Arnold, C. Rossetti, Browning, Shaw, Eliot, Lessing, and others.

Prerequisite: Successful completion of the College Composition requirement (5 units).

LIT 256 (3) AMERICAN WRITERS I

A study of American writers from the colonial period to the mid-19th century. Representative writers are Bradstreet, Taylor, Franklin, Poe, Emerson, Thoreau, Douglas, Hawthorne, Melville, Wheatley, Stowe, and Whitman.

Prerequisite: Successful completion of the College Composition requirement (5 units).

LIT 257 (3) AMERICAN WRITERS II

A study of American writers from the mid-19th century to the present. Representative writers are Clemens,

Crane, Chopin, Frost, Eliot, Hurston, Hemingway, Faulkner, O'Connor, and Morrison.
Prerequisite: Successful completion of the College Composition requirement (5 units).

Upper-Division

LIT 325 (3) CHILDREN'S LITERATURE—GE

Consideration of the major classics and modern works recommended for children, including folk and fairy tales, animal stories, limericks and poetry, fantasy, and realistic stories for older children.

LIT 344 (3) AMERICAN NOVEL

A study of selected novels of major writers of the 19th, 20th and 21st centuries, with emphasis on theme and narrative technique.

Recommended: Literature 250.

LIT 345 (3) AFRICAN AMERICAN LITERATURE

An advanced study of the African American literary tradition in its cultural context from its beginnings in African American vernacular culture, until the present.

Recommended: Literature 250.

LIT 346 (3) MAJOR AUTHORS IN AMERICAN LITERATURE

An advanced study of selected authors in American literature. The course will provide students the opportunity to study selected writers in depth.

Recommended: Literature 250.

LIT 347 (3) AMERICAN LITERARY MOVEMENTS

An advanced study of selected movements in the history of American literature. Such movements as colonial American literature, the American renaissance, American realism and naturalism, American modernisms, Asian American literature, and American Meta-fiction are considered.

Recommended: Literature 250.

LIT 361 (3) WORLD DRAMA AND POETRY

An advanced study of selected dramatic (non-Shakespearean) and poetic works, from the ancient world through the present, focusing primarily on works in translation. The course considers major developments in the genres of drama (including tragedy, comedy, and tragicomedy) and lyric poetry.

Recommended: Literature 201 and 250.

LIT 436 (3) NON-WESTERN LITERATURE

An advanced study of literature from non-European and non-American countries, covering primarily African and Asian writings. Includes a variety of eras and genres, placing the works within their cultural contexts.

Recommended: Literature 250.

LIT 437 (3) WOMEN WRITERS—WS

Considers women writers from a specific chronological period from the Middle Ages through the 20th century. The time period, themes and genres considered vary from year to year. The course focuses on questions related to gender, class, and race.

Recommended: Literature 250.

LIT 438 (3) READINGS: CONTINENTAL AUTHORS

Some of the most significant writers from the European continent of the modern era, including such authors as Dostoevsky, Zamyatin, Hesse, Frisch, Durrenmatt, Brecht, Ibsen, and Solzhenitsyn.

Recommended: Literature 250.

LIT 439 (3) LATIN AMERICAN LITERATURE SINCE 1910

A study of the Latin American narrative from the Mexican Revolution to the present.

Recommended: Literature 250.

LIT 444 (3) MEDIEVAL LITERATURE

A study of British literature from 1100 through 1500, including Chaucer, Langland, the Pearl Poet, Julian of Norwich, and Mallory, and covering medieval drama, poetry, prose, romance, and tale.

Prerequisites: Literature 254.

Recommended: Literature 250.

LIT 445 (3) 17TH CENTURY ENGLISH LITERATURE

A study of the non-dramatic poetry and prose of the period, with emphasis on the metaphysicals and Milton.

Recommended: Literature 250.

LIT 446 (3) ROMANTIC LITERATURE

This course presents a broad overview of fiction, poetry, and non-fiction prose written during the years commonly referred to as the romantic age (1780-1830). Taking a cultural studies approach to these

authors and their texts, the course examines literature's function in representing and reinforcing cultural ideologies and in forming subjectivity. The course focuses on specific social and cultural controversies during the era as they appear and are treated in the literature. In tracing changing responses to these controversies, the course explores the literary period as a dynamic, multi-voiced era of ideological struggle and social change.

Recommended: Literature 250.

LIT 447 (3) VICTORIAN LITERATURE

This course presents a broad overview of fiction, poetry, and non-fiction prose written during the years commonly referred to as the Victorian age (1837-1901). Taking a cultural studies approach to these authors and their texts, the course examines literature's function in representing and reinforcing cultural ideologies and in forming subjectivity. The course focuses on specific social and cultural controversies during the era as they appear and are treated in the literature. In tracing changing responses to questions of self-definition, gender, sexuality, religion, class, and artistic creation, the course explores the Victorian Age as a dynamic, multivoiced era of ideological struggle and social change, rather than one of static prudishness.

Recommended: Literature 250.

LIT 448 (3) POST-COLONIAL LITERATURE

An advanced study of selected post-colonial literature and perhaps some post-colonial theory from the turn of the 19th century through 21st century. Class inquiry focuses on the effects of empire, colonization, neocolonialism, and decolonization presented in these texts and examines the ways in which these texts respond to or resist dominant colonialist and imperialist paradigms of power, identity, gender and the other.

Recommended: Literature 250, 203 or 255.

LIT 449 (3) ENGLISH NOVEL

A study of the development of the novel from Defoe to the present, with attention given to background ideas, central themes, and styles of representative novelists.

Recommended: Literature 250.

LIT 460 (3) THE HUMAN CHALLENGE-GE

To provide an upper-division course that engages students in a systematic interdisciplinary reflection on some of the challenges of an "examined" and well lived life. It poses three human challenges for interdisciplinary (literal, philosophical, psychological, and Wesleyan theological) perspective dialogue: 1) the challenge of evolving a "philosophical faith" (being wise); 2) the challenge of enlarging ones capacity to love (being loving); and 3) the challenge of broadening ones personal identity and vision of meaningful, creative work (being generative). Students read literary works that embody these developmental themes as well as selective articles from philosophy and psychology.

Prerequisite: Consent of instructor.

LIT 461 (3) SHAKESPEARE

A study of the art and thought of England's foremost playwright as seen in representative comedies, histories, and tragedies.

Recommended: Completion of the general education literature requirement and Literature 250.

LIT 490 (1-3) SPECIAL STUDIES IN LITERATURE

An intensive study of a selected problem by an individual or group under the direction of a member of the faculty. May be repeated to a total of six units.

Prerequisites: Consent of instructor and department chair.

LIT 495 (3) LITERARY THEORY AND SCHOLARSHIP

This capstone course provides an in-depth study of contemporary critical trends such as Structuralism, New Historicism, Feminism, Deconstruction, Gender Studies, Reader- Response and Psychoanalytic criticism. Students also familiarize themselves with the critical commonplaces to which these new approaches are a response as well as with a traditional overview of trends and styles from medieval through modern literature. Students are expected to engage in some research and in written critical work. Preparation of a portfolio and summative evaluation is an important part of this class.

Prerequisites: Literature 250 and Senior standing.

LIT 499 (1-3) RESEARCH IN ENGLISH

Independent research under the guidance of a faculty member. Open to seniors only.

Prerequisites: Consent of instructor and department chair.

Single-Subject Credential

LIT 535 (3) METHODS OF TEACHING ENGLISH

Both traditional and current research-based methodologies are studied, and many are demonstrated and practiced. The teaching of writing and the integration of the language arts and the California English Language Arts Framework are emphasized. Offered on a Quad basis. Offered fall semesters.

MODERN LANGUAGES COURSES

FRENCH

Lower-Division

FRE 101, 102 (4,4) ELEMENTARY FRENCH I, II—GE

An introductory course emphasizing four basic skills: aural comprehension, speaking, reading, and writing. Also noted is the cultural and historical background of the areas where the language is spoken. Participation and active use of the language is emphasized in the classroom. Offered fall and spring.

FRE 250, 251 (3,3) INTERMEDIATE FRENCH I, II

Intensive practical use of the language designed to bring the student to a high level of proficiency in communicative skills through first-hand exposure and through the use of cultural and literary materials. Conducted in French.

Prerequisite: French 102 or consent of instructor.

Upper-Division

FRE 301 (3) FRENCH PHONETICS

A study of French phonemes and intonation patterns along with intensive practice of French pronunciation. Offered 2008-09.

Prerequisite: French 102.

FRE 303 (3) FRENCH CONVERSATION

A class concentrating in gaining oral proficiency around a series of different themes and acquiring command of the modern idiom as spoken in France.

Prerequisite: French 251 or consent of instructor.

FRE 315 (3) FRENCH CIVILIZATION

A study of French civilization including a consideration of the present structure of French society and politics and a brief view of the achievements of France from the middle ages to the present. Offered 2008-09.

Prerequisite: French 251 or consent of instructor.

FRE 320 (3) SURVEY OF FRENCH LITERATURE

Selections of important literature from the middle ages to the modern day are read and discussed in French.

Prerequisite: French 251 or consent of instructor.

FRE 490 (1-3) SPECIAL STUDIES IN FRENCH

An intensive study of a selected problem by an individual or group under the direction of a member of the staff. May be repeated for a total of up to six units.

Prerequisites: Consent of instructor and department chair.

GERMAN

Lower-Division

GER 101, 102 (4,4) ELEMENTARY GERMAN I, II—GE

An introductory course emphasizing four basic skills: aural comprehension, speaking, reading, and writing. Also noted is the cultural and historical background of the areas where the language is spoken. Participation and active use of the language is emphasized in the classroom. Offered fall and spring.

GER 250, 251 (3,3) INTERMEDIATE GERMAN I, II

Intensive practical use of the language designed to bring the student to a high level of proficiency in communicative skills through first-hand exposure and through the use of cultural and literary materials. Conducted in German.

Prerequisite: German 102 or consent of instructor.

Upper-Division

GER 490 (1-3) SPECIAL STUDIES IN GERMAN

An intensive study of a selected problem by an individual or group under the direction of a member of the faculty. May be repeated for a total of up to six units.

Prerequisites: Consent of instructor and department chair.

SPANISH

Lower-Division

SPA 101, 102 (4,4) ELEMENTARY SPANISH I, II–GE

An introductory course emphasizing four basic skills: aural comprehension, speaking, reading, and writing. Also noted is the cultural and historical background of the areas where the language is spoken. Participation and active use of the language is emphasized in the classroom. Offered fall, spring, and summer.

SPA 250, 251 (3,3) INTERMEDIATE SPANISH I, II

Intensive practical use of the language designed to bring the student to a high level of proficiency in communicative skills through first-hand exposure and through the use of cultural and literary materials. Language lab practice is continued. Conducted in Spanish. Offered fall and spring.
Prerequisite: Spanish 102 or consent of instructor.

Upper-Division

SPA 302 (3) ADVANCED GRAMMAR AND READING

An in-depth study of the grammatical structure of Spanish with emphasis on syntax, stylistics, and lexical problems as encountered in reading. Conducted in Spanish.
Prerequisite: Spanish 251 or consent of instructor.

SPA 303 (3) ADVANCED CONVERSATION AND COMPOSITION

A course designed to refine the skills of advanced communication through the study of basic phonetics, continuation of grammar review, writing, and the study of semantics. Conducted in Spanish.
Prerequisite: Spanish 302 or consent of instructor.

SPA 310 (3) LATIN AMERICAN CULTURE AND CIVILIZATION

The history and civilization of Latin America including indigenous and Hispanic cultures of Mexico, Central, and South America from pre-colonial times to the present. Conducted in Spanish.
Prerequisite: Spanish 251 or consent of instructor.

SPA 315 (3) CULTURE AND CIVILIZATION OF SPAIN

The history of the Iberian peninsula from prehistoric times to the present. The life, through art and literature, of the various peoples who integrated the Spanish nation. Conducted in Spanish. Offered 2008-09.
Prerequisite: Spanish 251 or consent of instructor.
Recommended: Spanish 302, 303.

SPA 320 (3) MEXICAN AMERICAN LITERATURE AND CULTURE

A survey of major 20th century Mexican American writers and their cultural heritage in the United States. Genres for consideration include short story, poetry, novel, and drama. Conducted in Spanish.
Prerequisites: Spanish 302 and 303 or consent of instructor.

SPA 380 (3) GENRE/PERIOD STUDIES IN HISPANIC LITERATURE OR FILM

A study of a literary genre or period of Hispanic literature or film. Conducted in Spanish.
Prerequisite: Spanish 302 and 303 (303 may be concurrent).

SPA 390 (3) CURRENT SPANISH LINGUISTICS

A descriptive study of the Spanish language including phonology, morphology, syntax, lexicon, and semantics. Conducted in Spanish. Offered 2008-09.
Prerequisite: Spanish 302.

SPA 400 (3) PENINSULAR LITERATURE BEFORE 1800

Analysis and discussion of representative works from the medieval era to the 18th century. Conducted in Spanish. Offered 2008-09.
Prerequisites: Spanish 302 and 303 or consent of instructor.

SPA 402 (3) PENINSULAR LITERATURE SINCE 1800

Analysis and discussion of representative works from the 19th century to the present. Conducted in Spanish.
Prerequisites: Spanish 302 and 303 or consent of instructor.

SPA 437 (3) LATIN AMERICAN LITERATURE BEFORE 1910

A study of the development of literary genres featuring representative works from Mexican, Central, and South American writers from the pre-Columbian period to the Mexican revolution. Conducted in Spanish.
Prerequisites: Spanish 302 and 303 or consent of instructor.

SPA 439 (3) LATIN AMERICAN LITERATURE SINCE 1910

A study of the Latin American narrative from the Mexican revolution to the present day. Conducted in Spanish. Offered 2008-09.
Prerequisites: Spanish 302 and 303 or consent of instructor.

SPA 485 (1) SENIOR SEMINAR IN SPANISH

A course designed to reflect upon and to integrate issues of culture, civilization, language, and literatures of the Spanish-speaking world. Research is conducted to see how areas such as cultural contrasts, linguistic and lexical variations, and political and artistic realities have influenced modern literary pieces. Completion of a portfolio and a summative evaluation of language skills required.

Prerequisite: Spanish 302, 303 and Senior standing.

SPA 490 (1-3) SPECIAL STUDIES IN SPANISH

An intensive study of a selected problem by an individual or group under the direction of a member of the faculty. May be repeated to a total of six units.

Prerequisites: Consent of instructor and department chair.

SPA 499 (1-3) RESEARCH IN SPANISH

Independent research under the guidance of a faculty member.

Prerequisites: Consent of instructor and department chair and senior standing.

MATHEMATICAL, INFORMATION, AND COMPUTER SCIENCES

Mission Statement

The Mathematical, Information, and Computer Sciences Department at Point Loma Nazarene University is committed to maintaining a curriculum that provides its students with the tools to be productive, the passion to continue learning, and Christian perspectives to provide a basis for making sound value judgments.

Purposes

1. To prepare students for:

- careers that use mathematics, computer science, and information systems in business, industry or government.
- graduate study in fields related to mathematics, computer science, and information systems.
- teaching mathematics and computer science at the secondary level.

2. To prepare students to apply their knowledge and utilize appropriate technology to solve problems.

3. To educate students to speak and write about their work with precision, clarity, and organization.

4. To help students gain an understanding of, and appreciation for, the historical development, contemporary progress, and societal role of mathematics, information systems, and computer science.

5. To integrate the study of mathematics, information systems and computer science with the Christian liberal arts.

Tradition of Excellence

The Department of Mathematical, Information, and Computer Sciences features a highly skilled team of professors who share their wealth of knowledge with students both in and out of the classroom. The personal attention of the faculty and innovative learning environment help students to comprehend concepts in mathematics, information systems, and computer science. The accomplished faculty also conducts research with current students. Recently, topics have included random number generation, music and graph theory, statistics, stereo vision using genetic algorithms, artificial intelligence, and computer architecture. These types of research opportunities provide experience with modern technology and current real-world applications.

Career Opportunities

Students who graduate with a degree from the Department of Mathematical, Information, and Computer Sciences are prepared to succeed. Students have chosen careers in actuarial science, industrial engineering, information science, applied mathematics, statistics, espionage, teaching, software engineering, project management, and systems analysis.

Majors and Minors

Majors

Computer Science (B.S.)
Concentrations

- Applied Computer Science
- Scientific Programming

Computer Science (B.A.)
Information Systems (B.S.)
Mathematics (B.S.)
Mathematics (B.A.)

Minors

Computer Science
Information Systems
Mathematics

Courses

Faculty

Jongbok Byun, Ph.D.
Claremont Graduate University

Lorinda J. Carter, Ph.D.
University of California, San Diego

Catherine Lynn Crockett, Ph.D.
University of California, Riverside

Gregory D. Crow, Ph.D.
University of Notre Dame

Donald S. Evans, B.S.
Stanford University

Jesús Jiménez, Ph.D.
University of Utah

Jeffrey L. McKinstry, Ph.D.
University of California, San Diego

Sheldon O. Sickler, Ph.D.
University of California, Los Angeles

Maria R. Zack, Ph.D., Chair
University of California, San Diego

COMPUTER SCIENCE (B.S.)

COMPUTER SCIENCE (B.S.)

LOWER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
CSC 132	Introduction to Computer Science	2
CSC 142	Introduction to Computer Programming	2
CSC 154	Fundamentals of Computer Science	4
CSC 254	Data Structures and Algorithms	4
MTH 164	Calculus I	4
MTH 174	Calculus II	4
	TOTAL	20

UPPER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
CSC 314	Operating Systems	4
CSC 324	Software Engineering	4
CSC 354	Design and Analysis of Algorithms	4
CSC 394	Programming Languages	4
CSC 454	Computer Architecture and Assembly Language	4
CSC 481	Senior Seminar in Computer Science	1
CSC 494	Senior Software Project	4
MTH 344	Discrete Mathematics	4

Choose one sequence from:

Computer Science 496 (2) and 497 (1) Service Learning in Computer Science I and II	3
Computer Science 498 (2 units) and 499 (1 unit) Independent Research in Computer Science I and II	3
Information Systems 472 Internship in Information Systems	2
HON 498 (2 units) and HON 499 (1 unit) Honors Project I and II	3

11 additional units chosen from (12 units if Information Systems 472 chosen above):

CSC 334	Artificial Intelligence	4
CSC 412	Topics in Computer Science	2
CSC 422	Theory of Computation	2
CSC 491	Independent Study in Computer Science	1-4
CSC 496	Service Learning in Computer Science I	2
CSC 497	Service Learning in Computer Science II	1
CSC 498	Independent Research in Computer Science I	2
CSC 499	Independent Research in Computer Science II	1
ISS 372	Network Administration	2

ISS 414	Data Base Management Systems	4
ISS 424	Internet Applications Development	4
ISS 472	Internship In Information Systems	2
MTH 203	Introduction to Statistics *	3
MTH 232	Linear Algebra	2
MTH 274	Calculus III	4
MTH 312	Advanced Linear Algebra	2
MTH 334	Applied Mathematics	4
MTH 382	Mathematical Statistics*	2
MTH 392	Mathematical Probability	2
HON 498	Honors Project I	2
HON 499	Honors Project II	1
	TOTAL	43

** Only one of these two courses may apply as a Computer Science elective, not both.*

Note: An elective class may not count as both upper-division core and a required "additional elective."

RECOMMENDED ELECTIVES FOR COMPUTER SCIENCE TRACKS

Graduate School: Theory of Computation, Calculus III, Computer Networking, Introduction to Statistics, Mathematical Statistics or Mathematical Probability.

Industry - Business Application Development: Database Management Systems, Internet Application Development, Internship in Information Systems or work experience as a student programmer.

Industry - Technical Computing Fields (e.g. scientific programming, aerospace, game development): Calculus III, Linear Algebra, Applied Mathematics, University Physics, Internship in Information Systems or work experience as a student programmer.

Concentration in Applied Computer Science

LOWER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
CSC 132	Introuction to Computer Science	2
CSC 142	Introduction to Computer Programming	2
CSC 154	Fundamentals of Computer Science	4
CSC 254	Data Structures and Algorithms	4
MTH 164	Calculus I	4
MTH 174	Calculus II	4
	TOTAL	20

UPPER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
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CSC 314	Operating Systems	4
CSC 324	Software Engineering	4
CSC 354	Design and Analysis of Algorithms	4
CSC 394	Programming Languages	4
CSC 454	Computer Architecture and Assembly Language	4
CSC 481	Senior Seminar in Computer Science	1
CSC 494	Senior Software Project	4
CSC 496	Service Learning in Computer Science I	2
CSC 497	Service Learning in Computer Science II	1
ISS 414	Data Base Management Systems	4
MTH 344	Discrete Mathematics	4
7 additional units chosen from:		
CSC 334	Artificial Intelligence	4
CSC 412	Topics in Computer Science (if appropriate)	2
CSC 491	Independent Study in Computer Science	1-4
ISS 372	Network Administration	2
ISS 424	Internet Applications Development	4
TOTAL		43

Note: An elective class may not count as both upper-division core and a required "additional elective."

Concentration in Scientific Programming

LOWER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
CSC 132	Introduction to Computer Science	2
CSC 142	Introduction to Computer Programming	2
CSC 154	Fundamentals of Computer Science	4
CSC 254	Data Structures and Algorithms	4
MTH 164	Calculus I	4
MTH 174	Calculus II	4
TOTAL		20

UPPER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
CSC 314	Operating Systems	4
CSC 324	Software Engineering	4
CSC 354	Design and Analysis of Algorithms	4
CSC 394	Programming Languages	4
CSC 422	Theory of Computation	2
CSC 454	Computer Architecture and Assembly Language	4

CSC 481	Senior Seminar in Computer Science	1
CSC 494	Senior Software Project	4
MTH 344	Discrete Mathematics	4

Choose one sequence from:

Computer Science 498 (2 units) and 499 (1 unit) Independent Research in Computer Science I and II	3
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HON 498 (2 units) and HON 499 (1 unit) Honors Project I and II	3
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9 additional units chosen from:

CSC 334	Artificial Intelligence	4
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CSC 412	Topics in Computer Science	2
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CSC 491	Independent Study in Computer Science	1-4
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MTH 274	Calculus III	4
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MTH 334	Applied Mathematics	4
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MTH 382	Mathematical Statistics	2
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MTH 392	Mathematical Probability	2
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TOTAL 43

Note: An elective class may not count as both upper-division core and a required "additional elective."

COMPUTER SCIENCE (B.A.)

LOWER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
CSC 132	Introduction to Computer Science	2
CSC 142	Introduction to Computer Programming	2
CSC 154	Fundamentals of Computer Science	4
CSC 254	Data Structures and Algorithms	4
MTH 164	Calculus I *	4
MTH 174	Calculus II *	4
	TOTAL	17-20

****Mathematics 144 and 31 may substitute for the sequence Mathematics 164 and 174.***

UPPER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
CSC 314	Operating Systems	4
CSC 324	Software Engineering	4
CSC 354	Design and Analysis of Algorithms	4
CSC 394	Programming Languages	4
CSC 454	Computer Architecture and Assembly Language	4
CSC 481	Senior Seminar in Computer Science	1
MTH 344	Discrete Mathematics	4

Choose one sequence from:

CSC 496 (2) and CSC 497 (1) Service Learning in Computer Science I and II	3
CSC 498 (2) and CSC 499 (1) Independent Research in Computer Science I and II	3
ISS 472 (2) Internship in Information Systems	2
HON 498 (2) and HON 499 (1) Honors Project I and II	3

1-2 additional units chosen from:

COURSE	TITLE	UNITS
CSC 334	Artificial Intelligence	4
CSC 412	Topics in Computer Science	2
CSC 422	Theory of Computation	2
CSC 491	Independent Study in Computer Science	1-4
CSC 494	Senior Software Project	4
CSC 496	Service Learning in Computer Science I	2
CSC 497	Service Learning in Computer Science II	1
CSC 498	Independent Research in Computer Science I	2

CSC 499	Independent Research in Computer Science II	1
ISS 372	Network Administration	2
ISS 414	Data Base Management Systems	4
ISS 424	Internet Applications Development	4
ISS 472	Internship In Information Systems	2
MTH 203	Introduction to Statistics*	3
MTH 232	Linear Algebra	2
MTH 274	Calculus III	4
MTH 312	Advanced Linear Algebra	2
MTH 334	Applied Mathematics	4
MTH 382	Mathematical Statistics*	2
MTH 392	Mathematical Probability	2
HON 498	Project I	2
HON 499	Honors Project II	1
	TOTAL	29

** Only one of these two courses may apply as a Computer Science elective, not both.*

Note: An elective class may not count as both upper-division core and a required "additional elective."

INFORMATION SYSTEMS (B.S.)

LOWER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
CSC 132	Introduction to Computer Science	2
CSC 142	Introduction to Computer Programming	2
CSC 154	Fundamentals of Computer Science	4
CSC 252	Data Structures and Algorithms	2
ISS 234	Introduction to Information Systems	4
MTH 203	Introduction to Statistics	3
BUS 212	Principles of Management	4
ECO 102	Economics II (Microeconomics)	3
	TOTAL	24

UPPER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
ISS 304	Business Application Software	4
ISS 312	Operating Systems for Information Systems	2
ISS 324	Software Engineering	4
ISS 372	Network Administration	2
ISS 382	Telecommunications	2
ISS 414	Database Management Systems	4
ISS 424	Internet Applications Development	4
ISS 444	Information Security and Policy	4
ISS 481	Senior Seminar in Information Systems	1
ISS 484	Operations Management	4

Choose one sequence from:

Information Systems 496 (2) and 497 (1) Service Learning in Information Systems I and II	3
Information Systems 498 (2) and 499 (1) Independent Research in Information Systems I and II	3
Information Systems 472 (2) Internship in Information Systems	2
HON 498 (2) and HON 499 (1) Honors Project I and II	3

3-4 additional units chosen from:

ACC 201	Principles of Financial Accounting	4
BUS 213	Administrative Communication	4
BUS 301	Legal Environment of Business	4
BUS 302	Principles of Marketing	4
BUS 374	Industrial Organizational Psychology/Human Resources	4
ISS 496	Service Learning in Information Systems I	2

ISS 497	Service Learning in Information Systems II	1
ISS 498	Independent Research in Information Systems I	2
ISS 499	Independent Research in Information Systems II	1
HON 498	Honors Project I	2
HON 499	Honors Project II	1
	TOTAL	37

Note: An elective class may not count as both upper-division core and a required "additional elective."

MATHEMATICS (B.S.)

LOWER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
MTH 164	Calculus I	4
MTH 174	Calculus II	4
MTH 232	Linear Algebra	2
MTH 242	Number Theory with Proofs	2
MTH 274	Calculus III	4
CSC 142	Introduction to Computer Programming	2
CSC 154	Fundamentals of Computer Science	4
CSC 252	Data Structures with Programming	2
PHY 241	University Physics I	4
TOTAL		28

UPPER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
MTH 352	History of Mathematics	2
MTH 382	Mathematical Statistics	2
MTH 424	Real Analysis I	4
MTH 432	Real Analysis II	2
	OR	
MTH 452	Abstract Algebra II	
MTH 444	Abstract Algebra I	4
MTH 481	Senior Seminar in Mathematics	1
MTH 492	Special Topics in Mathematics	2

Choose one course from:

MTH 312	Advanced Linear Algebra	2
MTH 412	Complex Analysis	2

Choose one course from:

MTH 334	Applied Mathematics	4
MTH 344	Discrete Mathematics	4

Choose one sequence from:

Mathamatics 496 (2) and 497 (1) Service Learning in Mathematics I and II	3
Mathematics 498 (2) and 499 (1) Independent Research in Mathematics I and II	3
HON 498 (2) and HON 499 (1) Honors Project I and II	3

Seven additional elective units from:

COURSE	TITLE	UNITS
MTH 312	Advanced Linear Algebra	2
MTH 334	Applied Mathematics	4
MTH 344	Discrete Mathematics	4
MTH 392	Mathematical Probablity	2
MTH 402	Topics in Geometry	2
MTH 412	Complex Analysis	2
MTH 432	Real Analysis II	2
MTH 452	Abstract Algebra II	2

MTH 463	Secondary School Mathematics	3
MTH 471	History of Mathematics Study Tour	1
MTH 491	Independent Studies in Mathematics	1-4
MTH 492	Special Topics in Mathematics	2
MTH 496	Service Learning in Mathematics I	2
MTH 497	Service Learning in Mathematics II	1
MTH 498	Independent Research in Mathematics I	2
MTH 499	Independent Research in Mathematics II	1
HON 498	Honors Project I	2
HON 499	Honors Project II	1
	TOTAL	32

Note: *An elective class may not count as both upper-division core and a required "additional elective."*

RECOMMENDED ELECTIVES FOR MATHEMATICS TRACKS:

Graduate School: Abstract Algebra II and Real Analysis II, Advanced Linear Algebra, Complex Analysis.

Teaching: The university's agreement with the State of California requires students seeking a Single Subject Teaching Credential in Mathematics to take Topics in Geometry, Mathematical Probability, Discrete Mathematics, Complex Analysis and Secondary School Mathematics. In addition, students must take Education 304, Legal, Ethical and Wesleyan Perspectives in Education. Education 402, Research-Based Learning Theory is also recommended.

Industry: Complex Analysis, Mathematical Probability, and Applied Mathematics.

Actuary: Mathematical Probability, Advanced Linear Algebra, and Discrete Mathematics.

MATHEMATICS (B.A.)

LOWER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
MTH 164	Calculus I	4
MTH 174	Calculus II	4
MTH 232	Linear Algebra	2
MTH 242	Number Theory with Proofs	2
MTH 274	Calculus III	4
CSC 142	Introduction to Computer Programming	2
CSC 154	Fundamentals of Computer Science	4
TOTAL		22

UPPER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
MTH 352	History of Mathematics	2
MTH 382	Mathematical Statistics	2
MTH 481	Senior Seminar in Mathematics	1

Choose one course from:

MTH 424	Real Analysis I	4
MTH 444	Abstract Algebra I	4

Choose one course from:

MTH 334	Applied Mathematics	4
MTH 344	Discrete Mathematics	4

Choose one sequence from:

Mathematics 496 (2) and 497 (1) Service Learning in Mathematics I and II	3
Mathematics 498 (2) and 499 (1) Independent Research in Mathematics I and II	3
HON 498 (2) and HON 499 (1) Honors Project I and II	3

Eight additional elective units from:

COURSE	TITLE	UNITS
MTH 312	Advanced Linear Algebra	2
MTH 334	Applied Mathematics	4
MTH 344	Discrete Mathematics	4
MTH 392	Mathematical Probability	4
MTH 402	Topics in Geometry	2
MTH 412	Complex Analysis	2
MTH 424	Real Analysis I	4
MTH 432	Real Analysis II	2
MTH 444	Abstract Algebra I	4
MTH 452	Abstract Algebra II	2
MTH 471	History of Mathematics Study Tour	1
MTH 491	Independent Studies in Mathematics	1-4
MTH 492	Special Topics in Mathematics	2
MTH 496	Service Learning in Mathematics I	2

MTH 497	Service Learning in Mathematics II	1
MTH 498	Independent Research in Mathematics I	2
MTH 499	Independent Research in Mathematics II	1
HON 498	Honors Project I	2
HON 499	Honors Project II	1
	TOTAL	24

Note: An elective class may not count as both upper division core and a required "additional elective."

COMPUTER SCIENCE MINOR

A minor in Computer Science is offered to those who wish to complement study in another discipline. This minor is not available to students who earn a major in Information Systems.

LOWER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
CSC 132	Introduction to Computer Science	2
CSC 142	Introduction to Computer Programming	2
CSC 154	Fundamentals of Computer Science	4
CSC 254	Data Structures and Algorithms	4
	LOWER-DIVISION TOTAL	12

UPPER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
Choose 10 units from:		
CSC 314	Operating Systems	4
CSC 324	Software Engineering	4
CSC 334	Artificial Intelligence	4
CSC 354	Design and Analysis of Algorithms	4
CSC 394	Programming Languages	4
CSC 412	Topics in Computer Science	2
CSC 454	Computer Architecture and Assembly Language	4
ISS 372	Network Administration	2
ISS 414	Data Base Management Systems	4
ISS 424	Internet Applications Development	4
	UPPER-DIVISION TOTAL	10
	MINOR TOTAL	22

INFORMATION SYSTEMS MINOR

A minor in Information Systems is offered to those who wish to complement study in another discipline. This minor is not available to students who earn a major in Computer Science.

REQUIRED COURSES

COURSE	TITLE	UNITS
CSC 132	Introduction to Computer Science	2
CSC 142	Introduction to Computer Programming	2
CSC 154	Fundamentals of Computer Science	4
ISS 234	Introduction to Information Systems	4
BUS 212	Principles of Management	4

Choose eight additional units from:

ISS 304	Business Application Software	4
ISS 414	Database Management Systems	4
ISS 472	Internship in Information Systems	2
ISS 484	Operations Management	4
	MINOR TOTAL	24

MATHEMATICS MINOR

REQUIRED COURSES

COURSE	TITLE	UNITS
MTH 164	Calculus I	4
MTH 174	Calculus II	4
MTH 232	Linear Algebra	2

Choose 12 additional units from:

MTH 242	Number Theory with Proofs	2
MTH 274	Calculus III	4
MTH 312	Advanced Linear Algebra	2
MTH 334	Applied Mathematics	4
MTH 344	Discrete Mathematics	4
MTH 352	History of Mathematics	2
MTH 382	Mathematical Statistics	2
MTH 392	Mathematical Probability	2
MTH 402	Topics in Geometry	2
MTH 412	Complex Analysis	2
MTH 424	Real Analysis I	4
MTH 432	Real Analysis II	2
MTH 444	Abstract Algebra I	4
MTH 452	Abstract Algebra II	2
MTH 471	History of Mathematics Study Tour	1
MTH 492	Special Topics in Mathematics	2
	MINOR TOTAL	22

MATHEMATICAL, INFORMATION, AND COMPUTER SCIENCES COURSES

Computer Science Courses

Lower-Division

CSC 132 (2) INTRODUCTION TO COMPUTER SCIENCE

An overview of the field of computer science, including computer architecture, operating systems and networks, algorithms, programming languages, software engineering, and the theory of computation. Lecture two hours and laboratory four hours each week. Offered on a Quad basis.

Prerequisite: Mathematics 113 (or equivalent).

CSC 142 (2) INTRODUCTION TO COMPUTER PROGRAMMING

Introduces the syntax of a high level programming language with emphasis on the programming environment and the use of the constructs of the language to write simple application programs. Lecture two hours and laboratory four hours each week. Offered on a Quad basis.

Prerequisite: Mathematics 113 (or equivalent).

CSC 154 (4) FUNDAMENTALS OF COMPUTER SCIENCE

In the context of a modern programming language, such topics as problem solving strategies, basic data structures, and data and procedural abstraction are discussed. Programming problems involve game playing and the use of a graphical user interface. Lecture two hours and laboratory four hours each week.

Prerequisite: Computer Science 142 with a grade of C- or higher.

CSC 161 (1) PRESENTATION TECHNOLOGY

Students learn basic to advanced features of Microsoft Powerpoint, such as inserting video clips, adding sound clips, using the drawing toolbar, auto shapes for diagrams, tables, and animation. In addition, the students are informed about how to use these tools wisely and effectively. Offered on a Quad basis.

Prerequisite: Mathematics 099.

CSC 171 (1) INTERNET RESEARCH, ETHICS AND PUBLISHING

Students learn how to better search for, access, and critically evaluate information on the internet. They gain a basic computer science understanding of copyright, privacy, and security. The ethics of using the Internet is discussed. In addition, the students experience publishing techniques such as blogs and wikis. Offered on a Quad basis.

Prerequisite: Mathematics 099.

CSC 181 (1) EXCEL

Students learn basic features of Excel as well as specific functions that may be useful for their future in areas of business, accounting, and science. Topics may include items such as relative vs. absolute referencing, worksheet formatting, calculating interest rates, using conditionals, formulas, graphs, and charts. Examples are selected based on the majors of the students enrolled in the class. Offered on a Quad basis.

Prerequisite: Mathematics 099.

CSC 191(1) DATA MINING/ DATABASES

Data mining is the process of analyzing the fields in large relational databases to find correlations or patterns that may be used to make predictions or find cause/effect relationships. Students learn to use data mining software on data collected for any discipline. Offered on a Quad basis.

Prerequisite: Mathematics 099.

CSC 252 (2) DATA STRUCTURES WITH PROGRAMMING

This course introduces students to advanced programming concepts such as pointers and dynamic memory allocation necessary to implement elementary data structures such as stacks, queues, linked lists, hash tables, and binary search trees. Three lecture hours and two lab hours each week. Students who have taken Computer Science 254 may not take this class for credit. Offered on a Quad basis.

Prerequisite: Computer Science 154 with a grade of C- or higher.

CSC 254 (4) DATA STRUCTURES AND ALGORITHMS

Standard data structures, including queues, stacks, trees, and graphs, as objects are defined and illustrated with associated dynamic storage management mechanisms; computational complexity is explored through the design and analysis of searching, sorting, and graph algorithms. Lecture three hours and laboratory two hours each week.

Prerequisite: Computer Science 154 with a grade of C- or higher.

Upper-Division

CSC 314 (4) OPERATING SYSTEMS

A course in systems software that is largely concerned with operating systems. Such topics as process management, device management, and memory management are discussed, as are relevant issues associated with security and protection. Computer hardware concepts related to operating systems are also covered. A significant component of the course covers graphical user interface, application programmer interface (API) provided by modern operating systems such as Windows NT and Unix.

Prerequisite: Computer Science 254.

CSC 324 (4) SOFTWARE ENGINEERING

This course offers an in-depth treatment of the software development process. Software analysis and design study emphasizes an object-oriented approach that is introduced and contrasted with traditional design methodologies. CASE tools are used during the design process. Lecture three hours and laboratory two hours each week. Offered 2008-2009.

Corequisite: Computer Science 254.

CSC 334 (4) ARTIFICIAL INTELLIGENCE

An introduction to theoretical issues and computational techniques arising from a comparison of human and machine intelligences. Knowledge representation languages; problem solving heuristics; machine learning; artificial neural networks; genetic algorithms and application areas including vision, robotics, and natural language understanding will be reviewed. Offered 2009-2010.

Prerequisite: Computer Science 254.

CSC 354 (4) DESIGN AND ANALYSIS OF ALGORITHMS

Introduces formal techniques to support the design and analysis of algorithms, focusing on both the underlying mathematical theory and practical considerations of efficiency. Topics include measuring the complexity of algorithms, algorithmic strategies, the concept of intractability and the theory of NP. Emphasis is placed on non-numerical algorithms such as sorting, searching, and graph and network algorithms. Offered 2009-2010.

Prerequisites: Computer Science 254 and Mathematics 344.

CSC 394 (4) PROGRAMMING LANGUAGES

This course in programming languages covers language design issues and language translators. Laboratories give students a practical understanding of programming language concepts as well as give experience in programming using several programming languages. Lecture three hours and laboratory two hours each week. Offered 2009-2010.

Prerequisites: Computer Science 254 and Mathematics 344.

CSC 412 (2) TOPICS IN COMPUTER SCIENCE

Study of an area of computer science not otherwise included in the curriculum. Topics are determined by the needs and interest of the students and faculty involved. Offered on a Quad basis. May be repeated up to a total of six units.

Prerequisites: Computer Science 254, Mathematics 131 and 144 or Mathematics 164 and consent of instructor.

CSC 422 (2) THEORY OF COMPUTATION

An introduction to the theory of computation. Topics include Finite Automata and Regular Expressions, Context-Free Grammars and Pushdown Automata, Turing Machines, Decidability and Reducibility. Offered 2008-09. Offered on a Quad basis.

Prerequisites: Computer Science 254 and Mathematics 344.

CSC 454 (4) COMPUTER ARCHITECTURE AND ASSEMBLY LANGUAGE

An in-depth treatment of computer architecture, including digital logic, digital systems, memory system organization, interfacing and communications, and alternative architectures. Students gain experience writing assembly language programs. Lecture three hours and laboratory two hours each week. Offered 2008-09.

Prerequisite: Computer Science 154.

CSC 481 (1) SENIOR SEMINAR IN COMPUTER SCIENCE

This one-unit capstone course is a seminar in which faculty members, some guests, and the students give lectures on topics of general interest in computer science. Graded Credit/No Credit.

Prerequisite: Senior standing or Junior standing if a December graduate.

CSC 491 (1-4) INDEPENDENT STUDIES IN COMPUTER SCIENCE

Study of a selected problem or topic under the direction of an instructor. The instructor and student propose the course of study. Approval by the department chair is required. May be repeated for a total of six units.

Prerequisite: Consent of instructor.

CSC 494 (4) SENIOR SOFTWARE PROJECT

This course presents the student with a strong experience in software engineering. Students, working in teams, investigate, design, implement and present to their classmates a significant software project. The

project should solve a significant, complex and generalizable problem, dealing with constraints and trade-offs in the solution. The course includes study of project management concerns such as planning, scheduling, and assessing progress.

Prerequisites: Computer Science 324 and Senior standing.

CSC 496 (2) SERVICE LEARNING IN COMPUTER SCIENCE I

Students working in teams design and implement a project using a broad spectrum of computer science knowledge to meet the needs of a community organization or the university.

Prerequisites: Consent of instructor and Junior standing.

CSC 497 (1) SERVICE LEARNING IN COMPUTER SCIENCES II

Continuation of the service learning project designed in Computer Science 496.

Prerequisites: Computer Science 496.

CSC 498 (2) INDEPENDENT RESEARCH IN COMPUTER SCIENCE I

Independent research conducted under the guidance of a faculty mentor. The instructor and student propose the research topic.

Prerequisites: Approval of the department chair, consent of instructor, and Junior standing.

CSC 499 (1) INDEPENDENT RESEARCH IN COMPUTER SCIENCE II

The continuation of independent research conducted under the guidance of a faculty mentor. The instructor and student propose the research topic.

Prerequisites: Approval of the department chair, Computer Science 498, and consent of instructor.

Information Systems Courses

Lower-Division

ISS 234 (4) INTRODUCTION TO INFORMATION SYSTEMS

This course is an overview of the field of information systems and is intended to give the student a summary of the topics to be covered in the IS major. The topics covered include an introduction to the computer-based information system, information use in the marketplace, product and service quality, system theory and methodologies, the ethical implications of information technology, and the fundamentals of computer processing and database management. Further topics are the computer based information system in accounting, decision support and office automation, organizational information systems and information as a managed resource.

Prerequisite: Computer Science 154.

Upper-Division

ISS 304 (4) BUSINESS APPLICATIONS SOFTWARE

The course focuses on core concepts and features of Visual Basic.NET, such as data types, control structure, object-oriented programming, classes, graphical user interface concepts, event-driven programming, and information retrieval from databases. Along with mastering the programming of Visual Basic.Net, the student is required to program many real world business applications using the language.

Prerequisite: Computer Science 154.

ISS 312 (2) OPERATING SYSTEMS FOR INFORMATION SYSTEMS

A course in systems software that is largely concerned with operating systems. Topics covered include GUI and command-line operating systems, system installation, hardware structures, process management and file management. Offered on a Quad basis.

Corequisite: Computer Science 252 or Computer Science 254.

ISS 324 (4) SOFTWARE ENGINEERING

This course offers an in-depth treatment of the software development process. Software analysis and design study emphasizes an object-oriented approach that is introduced and contrasted with traditional design methodologies. CASE tools are used during the design process. Lecture three hours and laboratory two hours each week. Offered 2008-2009.

Corequisite: Computer Science 252 or Computer Science 254.

ISS 372 (2) NETWORK ADMINISTRATION

This course provides knowledge of modern computer network technologies. Students gain an in-depth experience of networking fundamentals including concepts, models, protocols, standards, and administration. Topics include installing network devices and implementing system configuration for modern LANs, MANs, WANs, Internet, and wireless networks. Offered 2009-2010. Offered on a Quad basis.

Prerequisite: Computer Science 154 and Junior standing.

ISS 382 (2) TELECOMMUNICATIONS

This course develops an awareness of how modern telecommunication systems are used to support organizational communication demand. Students gain knowledge of the issues related to the economics, design, and management of modern telecommunications systems. Topics include telecommunication technologies, standards, industry regulations, security, privacy, and performance evaluation. Offered 2009-2010. Offered on a Quad basis.

Prerequisite: Information Systems 372.

ISS 414 (4) DATA BASE MANAGEMENT SYSTEMS

Physical data organization, data models (including relational, network, and hierarchical), the CODASYL approach, query optimization, integrity, security, and interface design of data bases. An examination of currently available models that can be used to evaluate the trade-offs in systems and data base development. Offered 2009-2010.

Prerequisite: Computer Science 154.

ISS 424 (4) INTERNET APPLICATIONS DEVELOPMENT

An information technology course designed to develop the skills required to build and maintain the server sites on the Internet. Provides an overview of how the Internet works, as well as experience with many of the most widely used Internet technologies. Offered 2008-09.

Prerequisite: Computer Science 252 or Computer Science 254 and Information Systems 312 or Computer Science 314.

ISS 444 (4) INFORMATION SECURITY AND POLICY

This course provides theoretical foundations of and technical experience in protecting information in organizations. Students will gain knowledge of the development and implementation of information policies and plans to protect information assets and to achieve organizational goals. Topics include system security, network security, applied cryptography, information privacy, organizational policy and intellectual property. Case studies will be used where appropriate. Offered 2008-09.

Prerequisites: Information Systems 234 and Information Systems 382, or instructor consent.

ISS 472 (2) INTERNSHIP IN INFORMATION SYSTEMS

A supervised experience in which the student works with industry professionals to gain experience with managing information systems. May be repeated to a total of four units. This course is graded Credit/No Credit only.

Prerequisite: Consent of instructor.

ISS 481 (1) SENIOR SEMINAR IN INFORMATION SYSTEMS

This one-unit capstone course is a seminar in which faculty members, some guests and the students give lectures on topics of general interest in information systems. Graded Credit/No Credit.

Prerequisite: Senior standing or Junior standing if a December graduate.

ISS 484 (4) OPERATIONS MANAGEMENT

An analysis of the information support systems which aid the manager in the decision-making process. Topics include mathematical and computer models for production and operations management, allocation of resources, planning, and financial analysis. Offered 2008-09.

Prerequisite: Mathematics 203 or Mathematics 364.

ISS 496 (2) SERVICE LEARNING IN INFORMATION SYSTEMS I

Students working in teams design and implement a project using a broad spectrum of information systems knowledge to meet the needs of a community organization or the university.

Prerequisites: Consent of instructor and Junior standing.

ISS 497 (1) SERVICE LEARNING IN INFORMATION SYSTEMS II

Continuation of the service learning project designed in Information Systems 496.

Prerequisites: Information Systems 496.

ISS 498 (2) INDEPENDENT RESEARCH IN INFORMATION SYSTEMS I

Independent research conducted under the guidance of a faculty mentor. The instructor and student propose the research topic.

Prerequisites: Approval of the department chair, consent of instructor, and Junior standing.

ISS 499 (1) INDEPENDENT RESEARCH IN INFORMATION SYSTEMS II

The continuation of independent research conducted under the guidance of a faculty mentor. The instructor and student propose the research topic.

Prerequisites: Approval of the department chair, Information Systems 498, and consent of instructor.

Mathematics Courses

Lower-Division

MTH 099 (3) ELEMENTARY ALGEBRA

An introduction to algebra, including a study of the real number system, solutions of linear and quadratic equations, polynomials, factoring, systems of equations, graphing, inequalities, and radicals.

Note: This course does not count toward the minimum 128 units required for graduation.

MTH 113 (3) INTERMEDIATE ALGEBRA

A review and extension of elementary algebra, solutions of linear and quadratic equations, radicals, inequalities, linear and quadratic functions, polynomial functions, exponential and logarithmic functions, and graphing.

Prerequisite: Mathematics 099 (or equivalent).

MTH 121 (1) GRAPHICAL AND NUMERICAL CALCULUS

A refresher course to deepen the insights of calculus concepts for those taking Mathematics 131 after completing a calculus course.

Corequisite: Mathematics 131, and a score of 3 or more on AP 114 or AP 115 or credit for a calculus course from another institution.

MTH 123 (3) ELEMENTARY FUNCTIONS

A basic introduction to functions designed to meet the prerequisite skills necessary for the study of calculus. A study of polynomial, rational, exponential, logarithmic, and trigonometric functions, coordinate geometry, and graphing.

Prerequisite: Mathematics 113 (or equivalent).

MTH 131 (1) COMPUTER AIDED CALCULUS

Introduction to the use of a computer algebra system to complement the knowledge of calculus.

Corequisite: Mathematics 144 or a score of 3 or higher on AP 114 or AP 115.

MTH 133 (3) PRE-CALCULUS

An introduction to the functions necessary for the study of calculus with an emphasis on numericals and graphical notions of continuity, limits and derivatives. The following function types are used as examples for the study of the concepts: polynomial, rational, exponential, logarithmic, and trigonometric functions.

Prerequisite: Mathematics 113 or equivalent.

MTH 144 (4) CALCULUS WITH APPLICATIONS—GE

Differential and integral calculus of the elementary functions of one variable. Limits, continuity, derivatives, integrals, and applications.

Prerequisites: Mathematics 123, Mathematics 133, or equivalent.

MTH 164 (4) CALCULUS I—GE

Calculus of the elementary functions of one variable, supported by the use of computer graphics and a symbolic computer algebra system. Limits, continuity, derivatives, integration and applications.

Prerequisite: Mathematics 123, Mathematics 133, or equivalent.

MTH 174 (4) CALCULUS II

A continuation of Calculus I. Methods of integration, sequences, series, elementary differential equations, polar coordinates and parametric equations.

Prerequisites: Mathematics 131 and 144 or 164.

MTH 203 (3) INTRODUCTION TO STATISTICS

A first course in statistics for the general student. Description of sample data, probability theory, theoretical frequency distributions, sampling, estimation, and hypothesis testing. Not applicable toward a major in Mathematics.

Prerequisite: Mathematics 099 or equivalent.

MTH 213 (3) FUNDAMENTALS OF ELEMENTARY MATHEMATICS I

A comprehensive approach to the mathematical knowledge necessary for a California multiple subject teaching credential (K-8). Topics covered in this course include whole numbers, numeration systems, fractions, decimals, ratios, proportions and an introduction to number theory. The integers, rational numbers, irrational numbers and real numbers are studied along with algebraic expressions, inequalities, graphs and polynomials. This class is highly interactive and emphasizes group work and cooperative learning. Not applicable toward a major in Mathematics. Passing an 8th grade mathematics proficiency test is a requirement for the completion of this course.

Prerequisite: Mathematics 113 or equivalent.

MTH 223 (3) FUNDAMENTALS OF ELEMENTARY MATHEMATICS II

A continuation of Mathematics 213 focusing on additional knowledge necessary for a California multiple-subject teaching credential (K-8). Topics covered in this course include data analysis and statistics, probability, combinations and permutations, simulations as well as standard and non-standard measurement. Planar and three dimensional geometry and geometric constructions are studied, including an algebraic approach to geometry. This class is highly interactive and emphasizes group work and cooperative learning.

Prerequisite: Mathematics 213.

MTH 232 (2) LINEAR ALGEBRA

A computational introduction to linear algebra with applications. A study of linear equations, matrix algebra, Euclidean spaces and subspaces supported by the use of a symbolic computer algebra system. Offered on a Quad basis.

Prerequisite: Mathematics 144 or 164.

MTH 242 (2) NUMBER THEORY WITH PROOFS

An introduction to proofs using the study of natural numbers, integers, prime factorization, divisibility, congruences, multiplicative functions, continued fractions, quadratic residues. Methods used include investigation, conjecture, inductive and deductive proofs. Offered on a Quad basis.

Prerequisite: Mathematics 144 or 164.

MTH 274 (4) CALCULUS III

Conceptual development of the calculus of functions of more than one variable supported by the use of a symbolic computer algebra system. Limits and continuity, partial derivatives, chain rule, extreme values, Taylor's theorem, multiple integrals, line and surface integrals, Green's Theorem and Stokes' Theorem.

Prerequisite: Mathematics 174.

Upper-Division

MTH 303 (3) PROBLEM SOLVING—GE

A general education course whose major goal is to develop the ability to solve non-routine problems through dynamic processes of inquiry and exploration, logical reasoning, making and testing conjectures and investigating implications of conclusions. A study of quantitative reasoning with emphases on active problem solving and developing connections with other disciplines. Not applicable toward a major in Mathematics.

Prerequisites: Mathematics 099 or equivalent and Junior or Senior standing.

MTH 312 (2) ADVANCED LINEAR ALGEBRA

A continuation of Mathematics 232 with emphasis on the theory of vector spaces, linear transformations, eigenvalues, eigenvectors and inner products. Offered on a Quad basis. Offered 2008-09.

Prerequisite: Mathematics 232.

MTH 334 (4) APPLIED MATHEMATICS

Ordinary differential equations, Laplace transformation, Fourier analysis, partial differential equations, optimization, and mathematical modeling. Offered 2008-09.

Prerequisite: Mathematics 274.

MTH 344 (4) DISCRETE MATHEMATICS

Sets, functions, propositional logic and switching theory, graphs including trees, matrices, induction and proof by contradiction, combinatorics, and probability. Selected applications from computer science included. Offered 2009-2010.

Prerequisite: Mathematics 131 and 144 or 164.

MTH 352 (2) HISTORY OF MATHEMATICS

Development of mathematics from pre-Greek to recent times. Perspectives and contributions of persons from diverse cultural, ethnic, and gender groups. Impact of culture on mathematical progress. Offered 2008-09. Offered on a Quad basis.

Prerequisite: Mathematics 144 or 164.

MTH 362 (2) CALCULUS BASED STATISTICS

A first course in descriptive and inferential statistics for general students who have taken calculus. Topics include experimental design, sampling and sampling distributions, point estimation and hypothesis testing supported by the use of statistical software. Not applicable toward a major in Mathematics. Offered on a Quad basis.

Prerequisite: Mathematics 144 or 164 or equivalent.

MTH 382 (2) MATHEMATICAL STATISTICS

A first course in descriptive and inferential statistics for students with sophisticated mathematics exposure. Topics include applied work in experimental design, sampling distributions, point estimation and hypothesis testing supported by the use of statistical software. In addition, the theoretical basis for these techniques is explored. Offered on a Quad basis.

Prerequisite: Mathematics 274.

MTH 392 (2) MATHEMATICAL PROBABILITY

A first course in probability for students with sophisticated mathematics exposure. Topics include axioms of probability, random variables, discrete and continuous distributions, mathematical expectation and limit theorems. Offered 2009-2010. Offered on a Quad basis.

Corequisite: Mathematics 382.

MTH 402 (2) TOPICS IN GEOMETRY

A study of the foundations of geometry, Affine, non-Euclidean and projective geometries. A synthetic development of advanced Euclidean geometry including geometric transformations, convexity, and constructions. Offered on a Quad basis. Offered 2008-09.

Prerequisite: Mathematics 144 or 164.

MTH 412 (2) COMPLEX ANALYSIS

Complex numbers, analytic functions, integration, series, contour integration, residues and conformal maps. Offered on a Quad basis. Offered 2009-2010.

Corequisite: Mathematics 274.

MTH 424 (4) REAL ANALYSIS I

Real numbers, topology of Euclidean n-space, continuity, differentiation and integration theory. Offered 2009-2010.

Corequisites: Mathematics 232 and 242 and Junior standing.

MTH 432 (2) REAL ANALYSIS II

Continuation of Mathematics 424. Differentiation and integration in Euclidean n-space, uniform convergence. Offered on a Quad basis. Offered 2009-2010.

Prerequisite: Mathematics 424.

MTH 444 (4) ABSTRACT ALGEBRA I

A study of groups, rings, fields and related structures with selected applications. Offered 2008-09.

Corequisites: Mathematics 232 and 242 and Junior standing.

MTH 452 (2) ABSTRACT ALGEBRA II

Continuation of Mathematics 444. Polynomial rings, finite fields and extension fields. Offered on a Quad basis. Offered 2008-09.

Prerequisite: Mathematics 444.

MTH 463 (3) SECONDARY SCHOOL MATHEMATICS

An analysis of the secondary school mathematics curriculum from the perspective of collegiate mathematics. Strategies and models for developing mathematical concepts and skills for understanding and communicating mathematical ideas effectively. Emphasis on critical thinking, problem solving, mathematical connections, use of technology, assessment issues and field experiences. Offered 2008-09.

Prerequisites: Mathematics 274.

Corequisite: Education 304 and Junior standing.

MTH 471 (1) HISTORY OF MATHEMATICS STUDY TOUR

This course is conducted as a European trip (countries vary). The course uses specific museums, library collections and historic sites to investigate the development of mathematics in relation to specific problems. Lectures and meeting are held during the semester and a series of lectures by the professor and others are presented on location. Offered 2009-2010.

Prerequisite: Consent of the instructor.

MTH 481 (1) SENIOR SEMINAR IN MATHEMATICS

This one-unit capstone course is a seminar in which faculty members, some guests, and the students give lectures on topics of general interest in mathematics. Graded Credit/No Credit.

Prerequisite: Senior standing (or Junior standing if a December graduate).

MTH 491 (1-4) INDEPENDENT STUDY IN MATHEMATICS

Study of a selected problem or topic under the direction of an instructor. The instructor and student propose the course of study. Approval by the department chair is required. May be repeated for a total of six units.

Prerequisite: Consent of instructor.

MTH 492 (2) SPECIAL TOPICS IN MATHEMATICS

Study of an area of mathematics not otherwise included in the curriculum. The needs and interests of students and faculty involved determine the topics. May be repeated for a total of six units.

Prerequisite: Consent of instructor.

MTH 496 (2) SERVICE LEARNING IN MATHEMATICS I

Students working in teams design and implement a project using a broad spectrum of mathematical knowledge to meet the needs of a community organization or the university.

Prerequisites: Consent of instructor and Junior standing.

MTH 497 (1) SERVICE LEARNING IN MATHEMATICS II

Continuation of the service learning project designed in Mathematics 496.

Prerequisites: Mathematics 496.

MTH 498 (2) INDEPENDENT RESEARCH IN MATHEMATICS I

Independent research conducted under the guidance of a faculty mentor. The instructor and student propose the research topic.

Prerequisites: Approval of the department chair, consent of instructor, and Junior standing.

MTH 499 (1) INDEPENDENT RESEARCH IN MATHEMATICS II

The continuation of independent research conducted under the guidance of a faculty mentor. The instructor and student propose the research topic. Approval of the department chair is required.

Prerequisites: Mathematics 498 and consent of instructor.

MUSIC

Purposes

The mission of the Department of Music is to pursue musical excellence within a community of grace. The department seeks to develop 1) leaders in education, composition, performance, and worship, 2) life-long participants in music who are critical thinkers, discerning listeners, creative composers, skilled performers, and worshipful servants of Jesus Christ, and 3) an atmosphere that fosters individual and corporate growth, high performance standards, community service, the spirit of Christ, and worship and praise.

Tradition of Excellence

For many years, the Department of Music has been recognized for the quality of its programs. In addition, the Department of Music has achieved accreditation by the National Association of Schools of Music (NASM). Faculty members are performing artists who frequently give recitals, serve as guest conductors, clinicians, or adjudicators and compose or arrange for publication. As a result of the faculty's professional guidance, students are encouraged toward successful careers.

Career Opportunities

At PLNU, every student is assured of many performance opportunities through the university's performing ensembles. Point Loma music ensembles travel all over the world as well as performing in churches throughout California, Arizona, Nevada, and New Mexico. Students are actively involved in church music programs in the San Diego area as directors, soloists, worship leaders, and instrumentalists. Point Loma graduates are sought after by schools, churches, and businesses because of the university's academic reputation. A number of graduates go directly into teaching positions and many are involved in church music as full-time music ministers. During the past two decades, students have been accepted into graduate schools such as USC, Indiana University, University of Missouri, University of Illinois, Arizona State University, San Diego State University, and many others. Several graduates have been successful in writing music for television and films, and in music publishing and music editing.

Scholarships

Generous scholarships in music are available to students. These are given on the basis of auditions and are renewable. Applications may be secured through the department office at 619-849-2445.

Performing Ensembles

PLNU offers a full range of performing ensembles, including Choral Union, Concert Choir, Point Loma Singers, Chorale, Vocal Jazz Ensemble, String Quartet, Concert Band, Handbell Choir, Jazz Band, and Chamber Orchestra. Each music major participates in at least one of these groups. Many students from other departments also participate.

Majors and Minor

Majors

- Composition
- Music
- Music and Ministry
- Music Education
- Instrumental Performance
- Piano Performance
- Vocal Performance

Minor

- Music

Courses

Faculty

William P. Clemmons, Ph.D.
City University of New York

Daniel S. Jackson, D.W.S.
Institute for Worship Studies

John Craig Johnson, D.M.A.
University of Southern California

Paul S. Kenyon, D.M.A., Chair
Michigan State University

Victor K. Labenske, D.M.A.
University of Southern California

Brenda J. Martin, M.A., Visiting
Arizona State University

Daniel C. Nelson, Ph.D.
University of Minnesota

Keith E. Pedersen, D.M.A.
University of Illinois

Juliette C. Singler, D.M.A.
Claremont Graduate School

Philip W. Tyler, D.Mus.
Florida State University

MUSIC MAJOR

CORE CURRICULUM

(Required of all Music majors)

COURSE	TITLE	UNITS
Music Theory:		
MUT 120	Music Theory I	5
MUT 121	Music Theory II	4
Music History:		
MUH 101	Introduction to Listening	2
MUH 331	Music History I	2
MUH 332	Music History II	2
MUH 333	Music History III	2
MUH 334	World Music	2
MUH 431	Faith, Life, and Music	2
Applied:		
MUA 201	Piano Proficiency Exam	0
MUA 212	Beginning Conducting	2
<i>One-unit Ensembles</i>		4
<i>Applied Music in major performing area</i>		4
Recital Attendance		
MUA 101	Recital Attendance - 4 semesters	0
TOTAL		31

Bachelor of Arts in Music (B.A.)

COURSE	TITLE	UNITS
Choose 3 units from:		
MUT 432	Orchestration	3
MUT 443	Choral Arranging	3
MUT 490	Special studies in music theory	1-2
MUH 311	Piano Literature	3
MUH 309	Vocal Literature I	2
MUH 310	Vocal Literature II	2
MUH 312	Instrumental Literature	2
Required additional elective units in music (7 units must be upper-division)		14
TOTAL		17

A minor from the following list is recommended:

Theatre, Media Communication, or Business Administration

Bachelor of Arts in Music and Ministry (B.A.)

COURSE	TITLE	UNITS
CMU 201	Instruments in Worship	2
CMU 202	Multi-Media for Worship Ministry	2
CMU 433	Hymnology	3
CMU 314	Music and Worship	3

CMU 315	Church Music Administration	2
CMU 451	Internship	2
CMU 312	Choral Conducting and Literature	2
	TOTAL	16

A minor from the following list is recommended:

Youth Ministry, Theatre, Communication, or Media Communication

Bachelor of Arts in Music Education (B.A.)

COURSE	TITLE	UNITS
<i>Music Theory:</i>		
MUT 220	Music Theory III	4
MUT 432	Orchestration OR	3
MUT 443	Choral Arranging	
<i>Recital Attendance:</i>		
MUA 101	Recital Attendance - 4 semesters	0
<i>Applied Music in major performing area</i>		4
<i>One-unit Ensembles</i>		4
Voice (class or private)		2
MUA 313	Instrumental Conducting	2
MUE 201	Woodwind Instruments	1
MUE 202	Brass Instruments	1
MUE 203	Percussion Instruments	1
MUE 204	String Instruments	1
MUA 312	Choral Conducting and Literature	2
MUE 303	Choral and Vocal Techniques	2
MUE 441	Elementary School Music Methods	3
MUE 454	Secondary School Music Methods	3
MUA 376	Junior Recital	0
	TOTAL	33

Additional requirements for the California Teaching Credential are listed in the School of Education under the Single-Subject credential.

Bachelor of Music in Piano Performance (B.Mus.)

COURSE	TITLE	UNITS
MUT 220	Music Theory III	4
MUT 221	Music Theory IV	4
MUT 302	Analysis of Form and Texture in Music	3
MUA 313	Instrumental Conducting	2
MUA 312	OR Choral Conducting and Literature	
MUE 311	Piano Pedagogy I	2
MUE 411	Piano Pedagogy II	2

MUH 311	Piano Literature	3
MUP 339	Small Ensemble	2
MUA 256	Piano	4
MUA 356	Piano	4
MUA 456	Piano	4
MUA 376	Junior Recital	0
MUA 476	Senior Recital	0
MUA 101	Recital Attendance - 4 semesters	0
	<i>One-unit Ensembles</i>	4
	<i>Voice (class or private)</i>	2
	<i>Upper-division Theory</i>	3
	<i>Music Electives</i>	4
	TOTAL	47

Bachelor of Music in Instrumental Performance (B.Mus.)

COURSE	TITLE	UNITS
MUT 220	Music Theory III	4
MUT 221	Music Theory IV	4
MUT 302	Analysis of Form and Texture in Music	3
MUA 313	Instrumental Conducting	2
MUH 312	Instrumental Literature	2
MUE 312	Instrumental Pedagogy	2
MUE 451	Teaching Apprenticeship	2
MUP 399	Small ensemble	4
	<i>Applied Music in major performance area</i>	12
MUA 376	Junior Recital	0
MUA 476	Senior Recital	0
	<i>One-unit Ensembles</i>	4
MUA 101	Recital Attendance - 4 semesters	0
	<i>Upper-division Theory</i>	3
	<i>Music Electives</i>	5
	TOTAL	47

Bachelor of Music in Vocal Performance (B.Mus.)

COURSE	TITLE	UNITS
<i>Music Theory:</i>		
MUT 220	Music Theory III	4
MUT 221	Music Theory IV	4
MUT 302	Analysis of Form and Texture in Music	3
MUA 255	Voice	4
MUA 355	Voice	4
MUA 455	Voice	4
MUA 376	Junior Recital	0
MUA 476	Senior Recital	0
MUA 101	Recital Attendance - 4 semesters	0

MUA 312	Choral Conducting and Literature	2
MUE 310	Vocal Pedagogy	2
MUE 451	Teaching Apprenticeship	2
MUA 250	Diction I	1
MUA 251	Diction II	1
MUH 309	Vocal Literature I	2
MUH 310	Vocal Literature II	2
	<i>One-unit Ensembles</i>	4
	<i>Upper-division Theory</i>	3
	<i>Music Electives</i>	2
	Three units from:	
MUA 331	Acting for Singers	1
MUA 332	Production	1-2
	TOTAL	47

Bachelor of Music in Composition (B.Mus.)

COURSE	TITLE	UNITS
	<i>Music Theory:</i>	
MUT 220	Music Theory III	4
MUT 221	Music Theory IV	4
	<i>Upper-division music theory</i>	12
MUA 101	Recital Attendance - 4 semesters	0
MUC 252	Private Composition	2
MUC 352	Private Composition	4
MUC 452	Private Composition	4
MUC 477	Senior recital in Composition	0
MUA 313	Instrumental Conducting	2
MUA 312	OR Choral Conducting and Literature	
	<i>One-unit Ensembles</i>	4
	<i>Voice (class or private)</i>	2
	<i>Music Electives</i>	9
	TOTAL	47

Special Requirements

1. A solo Junior Recital of at least 30 minutes given during the junior or senior year is required of Music majors selecting majors in Performance and Music Education. The student must achieve the 300-level of proficiency before scheduling the Junior Recital. The student must also enroll for the appropriate level of applied study during the semester of the recital performance.
2. Students accepted into performance degree programs must achieve the 300-level of proficiency in their performing area and give a Junior Recital during their junior year. They must also achieve the 400- level of proficiency and give a solo Senior Recital , one hour in length, during their senior year. The performance degree programs are reserved for students of marked talent and proficiency.
3. Composition majors must give a 45-minute composition recital of original works during their senior year.

4. For graduation, Bachelor of Music and Music Education majors must earn credit in a one-unit ensemble for a minimum of eight semesters. Bachelor of Arts and Music and Ministry majors must earn credit in a one-unit ensemble for a minimum of four semesters. Wind, string, and percussion students meet this requirement by performing in the Concert Band or Chamber Orchestra. Vocalists meet this requirement by performing in Chorale, Concert Choir or Point Loma Singers. Keyboard students may choose either choral or instrumental ensembles.
5. Music majors are required to perform in Monday afternoon student recitals at least once per semester until applied study requirements are completed.

MUSIC MINOR

MUSIC MINOR

COURSE	TITLE	UNITS
MUT 120	Music Theory I	5
MUH 101	Introduction to Listening	2
	<i>Applied study in instrument or voice</i>	2
	<i>One-unit Ensembles</i>	2
Choose one course from:		
MUH 333	Music History III	2
MUH 334	World Music	2
	<i>Additional upper-division units in Music</i>	8
	MINOR TOTAL	21

SPECIAL REQUIREMENTS

1. A solo Junior Recital of at least 30 minutes given during the junior or senior year is required of Music majors selecting majors in Performance and Music Education. The student must achieve the 300-level of proficiency before scheduling the Junior Recital. The student must also enroll for the appropriate level of applied study during the semester of the recital performance.

2. Students accepted into Performance programs must achieve the 300-level of proficiency in their performing area and give a Junior Recital during their junior year. They must also achieve the 400-level of proficiency and give a solo Senior Recital, one hour in length, during their senior year. The performance degree programs are reserved for students of marked talent and proficiency.

3. Composition majors must give a 45-minute composition recital of original works during their senior year.

4. For graduation, Bachelor of Music and Music Education majors must earn credit in a one-unit ensemble for a minimum of eight semesters. Bachelor of Arts and Music and Ministry majors must earn credit in a one-unit ensemble for a minimum of four semesters. Wind, string, and percussion students meet this requirement by performing in the Concert Band or Chamber Orchestra. Vocalists meet this requirement by performing in Chorale, Concert Choir or Point Loma Singers. Keyboard students may choose either choral or instrumental ensembles.

5. Music majors are required to perform in Monday afternoon student recitals at least once per semester until applied study requirements are completed.

MUSIC COURSES

Applied Music Courses

Lower-Division

MUA 101 (0) RECITAL ATTENDANCE

All Music majors are required to attend 12 department-sponsored or approved concerts/recitals each semester. Credit/No-Credit.

MUA 201 (0) PIANO PROFICIENCY EXAM

All Music majors are required to pass a proficiency examination in piano skills, preferably by the end of the sophomore year. It must be completed prior to graduation. A complete description of the exam contents is listed in the current edition of the *Music Student Handbook*, available upon request in the department office. Credit/No-Credit.

MUA 131, 132 (1,1) CLASS VOICE I, II

Class instruction in singing for the student without prior study; development of specific vocal and musical abilities; selected and graded songs suited to vocal goals.

MUA 141, 142 (1,1) CLASS PIANO I, II

Class instruction for the student without prior study; emphasizes functional keyboard skills such as sight reading, harmonization, improvisation, and solo and ensemble playing. Appropriate for Music majors who must prepare for the proficiency exam.

MUA 143 (1) PIANO PROFICIENCY SKILLS

Class instruction in piano. Emphasizes harmonization, hymn and open score reading, solo and congregational style hymn playing. Appropriate for Music majors preparing for piano proficiency examination. May be repeated up to a total of 2 units.

Prerequisite: Applied Music 142 or consent of instructor.

MUA 151, 152 (1,1) CLASS GUITAR I, II

Class instruction for the student without prior study; integrates rudiments of music theory with basic performance skills; ensemble and solo playing. May be repeated up to a total of 2 units.

PRIVATE INSTRUCTION

MUA 155 through MUA 175 (1-2)

MUA 255 through MUA 275 (1-2)

MUA 355 through MUA 375 (1-2)

MUA 455 through MUA 475 (1-2)

Private, applied instruction in a performing area is a vital part of the development of Music majors, as well as an appropriate elective for many non-majors. Each level of study has defined materials and technical masteries to be achieved. (See *Music Student Handbook* in the Department of Music office).

Students are assigned to a level according to their proficiency and mastery of materials listed for a given level. Course numbers for each of the performing areas are given by year in the following table.

PRIVATE INSTRUCTION

1ST YEAR 2ND YEAR 3RD YEAR 4TH YEAR

Private Voice

MUA155 MUA225 MUA355 MUA455

Private Piano

MUA156 MUA256 MUA356 MUA456

Private Organ

MUA157 MUA257 MUA357 MUA457

Private Harpsichord

MUA158 MUA258 MUA358 MUA458

Private Violin

MUA159 MUA259 MUA359 MUA459

Private Viola

MUA160 MUA260 MUA360 MUA460

Private Violoncello

MUA161 MUA261 MUA361 MUA461

Private String Bass

MUA162 MUA262 MUA362 MUA462

Private Guitar

MUA163 MUA263 MUA363 MUA463

Private Harp

MUA164 MUA264 MUA364 MUA464

Private Flute

MUA165 MUA265 MUA365 MUA465

Private Oboe

MUA166 MUA266 MUA366 MUA466

Private Clarinet

MUA167 MUA267 MUA367 MUA467

Private Saxophone

MUA168 MUA268 MUA368 MUA468

Private Bassoon

MUA169 MUA269 MUA369 MUA469

Private Trumpet

MUA170 MUA270 MUA370 MUA470

Private Trombone

MUA171 MUA271 MUA371 MUA471

Private French Horn

MUA172 MUA272 MUA372 MUA472

Private Euphonium

MUA173 MUA273 MUA373 MUA473

Private Tuba

MUA174 MUA274 MUA374 MUA474

Private Percussion

MUA175 MUA275 MUA375 MUS475

MUA 212 (2) BEGINNING CONDUCTING

Introduction to basic conducting techniques, such as score reading, metric patterns, cues and cutoffs.

Upper-Division

MUA 312 (2) CHORAL CONDUCTING AND LITERATURE

Application of conducting principles and techniques to choral music. Includes an overview of choral literature.

Prerequisite: Music Theory 121.

Corequisite: Music Education 303 (Music Education majors).

MUA 313 (2) INSTRUMENTAL CONDUCTING

Application of conducting principles and techniques to instrumental music, especially music for orchestra and concert band.

Prerequisite: Music Theory 121.

MUA 250, 251 (1,1) DICTION FOR SINGERS I & II

An intensive study of English, Italian, German, and French diction as it applies to singers, utilizing the International Phonetic Alphabet to transfer foreign texts to vocalized symbols.

MUA 331 (1) ACTING FOR SINGERS

Open to advanced voice students by audition. Scenes from operas and/or musical theatre are performed with staging and costumes. May be repeated up to a total of 2 units.

MUA 332 (1-2) MUSICAL THEATRE PRODUCTION

Performance experience in musical theatre, open to all students by audition.

MUA 376 (o) JUNIOR RECITAL

A public solo recital, approximately thirty minutes in length, given in the student's major performing area.

Prerequisite: 300 level in performing area.

MUA 476 (o) SENIOR RECITAL

A public solo recital, approximately one hour in length, given in the student's major performing area.

Prerequisite: Applied Music 376.

Church Music Courses***Lower-Division*****CMU 201 (2) INSTRUMENTS IN WORSHIP**

An introduction to the use of musical instruments in support of worship music. Topics covered include basic rehearsal techniques, transposition of parts, and basic instrumental arranging skills.

CMU 202 (2) MULTI-MEDIA FOR WORSHIP MINISTRY

A practical introduction to media technology resources for music ministry. The course includes training in the use of audio and visual media such as lighting, sound reinforcement, and presentation software.

Upper-Division**CMU 314 (3) MUSIC AND WORSHIP**

A study of the nature of worship and the function of music as an aid to worship. A survey of the history and practice of church music; consideration of the role of music in worship and Christian education. A study of problems peculiar to the music program of the small and medium-size church.

CMU 315 (2) CHURCH MUSIC ADMINISTRATION AND MATERIALS

Development of the church-wide program of music ministries; principles and administration of the music ministry in relation to other church departments. Study of materials and equipment for the program; organization of choirs and other music ministries.

Prerequisite: Church Music 314.

CMU 433 (3) HYMNOLOGY

A survey of Christian hymnody, its historical patterns, covering the broad scope of hymnic literature, its environment, and the significant individuals contributing. Practical and critical classroom study and participation.

CMU 451 (2) INTERNSHIP IN CHURCH MUSIC

Supervised internship in a church situation. Offered on demand.

Prerequisite: Consent of instructor.

CMU 490 (1-2) SPECIAL STUDIES IN CHURCH MUSIC

Intensive study of a selected problem, under the direction of a department faculty advisor.

Prerequisite: Consent of department chair.

CMU 495 (1-2) CHURCH MUSIC SEMINAR

Provides for special courses offered as an adjunct to the curricula. Seminar title, content, and units to be announced in class schedule.

Music Composition Courses***Lower-Division*****MUC 252 (1-2) PRIVATE COMPOSITION**

Introductory lessons in music composition. Develops basic concepts of melodic writing and the manipulation of diverse harmonic, textural and rhythmic materials. May be repeated up to a total of 4 units.

Upper-Division**MUC 352 (1-2) PRIVATE COMPOSITION**

Continued study of compositional processes through the exploration of nontraditional tonal materials in varied media. May be repeated up to a total of 4 units.

Prerequisite: Music Composition 252.

MUC 452 (1-2) PRIVATE COMPOSITION

Development of compositional skills through handling extended forms and larger performance forces, such as choir, band or orchestra. May be repeated up to a total of 4 units.

Prerequisite: Music Composition 352.

MUC 477 (o) SENIOR RECITAL IN COMPOSITION

A public recital of original compositions, forty-five minutes in length.

Prerequisite: Music Composition 452.

MUC 495 (1-2) SEMINAR IN COMPOSITION

Provides for special courses offered as an adjunct to the curricula.

Music Education Courses***Lower-Division*****MUE 201 (1) WOODWIND INSTRUMENTS**

A laboratory class in playing the woodwind instruments with emphasis on teaching and basic repair techniques.

MUE 202 (1) BRASS INSTRUMENTS

A laboratory class in playing brass instruments with emphasis on teaching and basic repair techniques.

MUE 203 (1) PERCUSSION INSTRUMENTS

A laboratory class in playing the percussion instruments with emphasis on teaching and basic repair techniques.

MUE 204 (1) STRING INSTRUMENTS

A laboratory class in playing the string instruments (violin, viola, cello, bass) with emphasis on teaching and basic repair techniques.

Upper-Division**MUE 303 (2) CHORAL AND VOCAL TECHNIQUES**

Includes a study of choral rehearsal procedures and programming, the development of tone and classification of voice types. Contents include developing vocal technique and vocal health.

Corequisite: Music Education majors must register for Applied Music 312.

MUE 310 (2) VOCAL PEDAGOGY

Develops conceptual understanding and methodology for the teaching of singing. The course includes an anatomical study of the vocal mechanism with emphasis upon the development of breath support and vocal resonance.

MUE 311 (2) PIANO PEDAGOGY I

A survey of the methods and materials used in teaching the piano, with special emphasis upon teaching elementary students and the adult beginner. Includes observation of private and class piano teaching.

MUE 312 (2) INSTRUMENTAL PEDAGOGY

Practical study of the teaching of applied instrumental performance skills. Includes relevant studies of the physiological mechanics of playing technique. Provides survey of teaching literature, learning theory and methodology

MUE 341 (3) MUSIC SKILLS FOR THE ELEMENTARY CLASSROOM TEACHER

Methods and materials for teaching music for the elementary classroom teacher. Elementary music theory: notation, meter, rhythm, scales, intervals, triads. Introduction to playing skills on classroom instruments such as piano, autoharp, recorder. Introduction to teaching strategies of Orff, Kodaly, Dalcroze, and Suzuki. Strategies for incorporating music into the everyday classroom are taught. Designed primarily for the elementary school teacher. Not for Music majors.

MUE 411 (2) PIANO PEDAGOGY II

A continued study of pedagogical methods for teaching intermediate level piano students. Includes supervised practice teaching experience and survey of teaching literature.

MUE 441 (3) ELEMENTARY SCHOOL MUSIC METHODS

Methods of teaching public school music in the elementary grades.

Prerequisite: Music Theory 121.

MUE 451 (2) INTERNSHIP IN MUSIC

Supervised internship in the student's major concentration. Offered on demand. May be repeated up to a total of 4 units.

Prerequisite: Consent of instructor.

MUE 454 (3) SECONDARY SCHOOL MUSIC METHODS

Methods of teaching public school music in the junior and senior high school and the California Framework in Visual and Performing Arts are explored.

Prerequisite: Applied Music 312.

MUE 490 (1-2) SPECIAL STUDIES IN MUSIC EDUCATION

Intensive study of a selected problem, under the direction of a department faculty advisor.

Prerequisite: Consent of department chair.

MUE 495 (1-2) SEMINAR IN MUSIC EDUCATION

Provides for special courses offered as an adjunct to the curricula. Seminar title, content, and units to be announced in class schedule.

Music Ensemble Courses

Upper-Division

MUP 332 (1) CHAMBER ORCHESTRA

Open to community and all students by audition; campus appearances; may accompany large choral works. Participation required of all Music majors with string instrument concentration. May be repeated up to a total of 2 units.

MUP 333 (1) CONCERT BAND

Open to all students by audition; participation required of all music majors with a concentration in a wind or percussion instrument; varied repertoire represents the best literature; local and off-campus concerts. May be repeated up to a total of 2 units.

MUP 334 (1/2) CHORAL UNION

Open without audition to the university community; a mixed choir which performs choral works of all types; required, without registration or credit, of all members of the Concert Choir and the Point Loma Singers. May be repeated up to a total of 4 units.

MUP 336 (1/2 – 1) CHORALE

Membership by audition. A mixed chorus open to any student. Music majors must register for one unit. One-unit registration includes participation in Choral Union. Local performances scheduled. May be repeated up to a total of 2 units.

MUP 337 (1) CONCERT CHOIR

With membership by audition, Concert Choir is a mixed chorus open to any student. Includes participation in Choral Union. An annual tour and local public performances are scheduled. May be repeated up to a total of 2 units.

MUP 338 (1) POINT LOMA SINGERS

With membership by audition, Point Loma Singers is a chamber choir of sixteen mixed voices open to all students. Includes participation in Choral Union. Local performances scheduled. May be repeated up to a total of 2 units.

MUP 339 (1/2) SMALL ENSEMBLE

With membership by audition, this group studies select literature that is determined by the size and type of ensemble. May be repeated up to a total of 4 units.

MUP 341 (1/2) JAZZ BAND

With membership by audition, the Jazz Band studies standard jazz literature selected and performed in concerts. May be repeated up to a total of 2 units.

MUP 342 (1/2) HANDBELL CHOIR

Handbell Choir membership (by audition) Includes instruction on ringing techniques. Local performances. May be repeated up to a total of 2 units.

MUP 343 (1/2) STRING QUARTET

With membership by audition the String Quartet performs standard string quartet literature as well as selected chamber music. Local performances. May be repeated up to a total of 2 units.

MUP 344 (1/2) VOCAL JAZZ

A small vocal ensemble (membership by audition) focusing on jazz literature. May be repeated up to a total of 2 units.

MUP 345 (1/2) ANOINTED PRAISE

Anointed Praise is a choral ensemble (by audition) focusing on gospel literature. May be repeated up to a total of 2 units.

Music History Courses

Lower-Division

MUH 100 (2) INTRODUCTION TO MUSIC—GE

Treats the development and significance of music in the Western world with emphasis on outstanding works by the world's great composers of music.

MUH 101 (2) INTRODUCTION TO LISTENING–GE

This introductory course is required of all freshman Music majors and presents a general survey of music history, genres, styles, and media. The course focuses on analytical listening and developing aesthetic awareness. It includes an introduction to library research tools in music, and examination of the interrelationship of music studies and general education, and the integration of faith and learning with the study of music. Offered in the fall.

Prerequisite: Freshman standing or consent of instructor.

MUH 309 (2) VOCAL LITERATURE I

A survey of both sacred and secular solo vocal performance repertoire, with an emphasis upon art song repertoire in English and Italian.

Prerequisite: Music History 101 or consent of instructor.

Corequisite: Applied Music 250.

Upper-Division

MUH 310 (2) VOCAL LITERATURE II

A continued survey of solo vocal performance repertoire, with an emphasis upon art song repertoire in French and German.

Prerequisite: Music History 101 or consent of instructor.

Corequisite: Applied Music 251.

MUH 311 (3) PIANO LITERATURE

A survey of solo repertoire for the piano and its historical antecedents, principally the harpsichord and fortepiano. The course focuses upon keyboard masterworks from the Baroque period through the present.

Prerequisite: Music History 101 or consent of instructor.

MUH 312 (2) INSTRUMENTAL LITERATURE

A survey of solo performance repertoire for the instrumentalist. The course includes representative works from all applicable periods of music, tracing changes in the instrument and in accepted playing technique as possible components of historical changes in styles and idioms of musical expression.

Prerequisite: Music History 101 or consent of instructor.

MUH 331 (2) MUSIC HISTORY AND LITERATURE I

Study of Western music development, focusing on principal trends of the Medieval and Renaissance periods, approximately 500–1600 A.D.; regular listening to recorded examples, with some score analysis and individual research.

Prerequisites: Music Theory 121 and Music History 101 or consent of instructor.

MUH 332 (2) MUSIC HISTORY AND LITERATURE II

A continued study of Western music development, focusing on principal trends of the Baroque and Classical periods, approximately 1600–1820 A.D.; regular listening to recorded examples, with some score analysis and individual research.

Prerequisites: Music History 101 and Music Theory 121 or consent of instructor.

MUH 333 (2) MUSIC HISTORY AND LITERATURE III

A continued study of Western music development, focusing on principal trends of the Romantic, 20th century periods, and subsequent contemporary trends, approximately 1820 to the present; regular listening to recorded examples, with some score analysis and individual research.

Prerequisites: Music History 101 and Music Theory 120 or consent of instructor.

MUH 334 (2) WORLD MUSIC

An introduction to listening and study of indigenous music from multiple geographic areas and cultures, including Africa, Asia, and North and South America. The course also includes a presentation of jazz as a distinctly American cultural synthesis.

Prerequisites: Music History 101 and Music Theory 120 or consent of instructor.

MUH 431 (2) FAITH, LIFE, AND MUSIC

A capstone course required of all Music majors. The course examines source readings concerning the integration of faith and various aspects of music. Students are challenged to evaluate the influence of the Christian faith upon their own individual music discipline. Class content also includes an overview of diverse musical professions and the ways in which faith and music intersect in the pursuit of calling. The course culminates with the writing of an essay outlining the ways in which students believe their faith shapes their lives as both disciples and musicians.

Prerequisite: Senior standing or consent of instructor.

MUH 495 (1-2) MUSIC HISTORY SEMINAR

Provides for special courses offered as an adjunct to the curricula. Seminar title, content, and units to be announced in the class schedule.

Music Theory Courses

MUT 100 (2) BASIC MUSIC THEORY

An introduction to the fundamentals of music: key signatures, scales, intervals, notation, rhythm, meter, chords, harmony, and melodic form. Emphasis upon written skills with requirements in ear training/sight singing, improvisation and beginning composition.

Corequisite: Applied Music 141 (may be waived by proficiency examination).

MUT 120 (5) MUSIC THEORY I

Study of the notation, sound, and syntax of fundamental musical materials such as scales, intervals, and diatonic harmony. Includes laboratory experience in ear training and sight singing.

Prerequisite: Music Theory 100 or consent of instructor.

Lower-Division

MUT 121 (4) MUSIC THEORY II

Continued study of harmonic procedures in homophonic and polyphonic settings with emphasis upon seventh chords, secondary dominants, and modulation. Includes laboratory in keyboard harmony, ear training, and sight singing.

Prerequisite: Music Theory 120 or consent of instructor.

MUT 220, 221 (4,4) MUSIC THEORY III, IV

Study of musical structures from late Renaissance polyphony to, and including, the present. Study of seventh, ninth, eleventh, Neapolitan sixth, Augmented sixth, and other altered chords. Continuation of the development of analytical tools and aural skills; ear training, sight singing, and keyboard harmony.

Prerequisite: Music Theory 121 or consent of instructor.

Upper-Division

MUT 301 (3) COUNTERPOINT

Analysis and composition of two, three, and four voice counterpoint as practiced in the 18th century, with special emphasis on the style of J. S. Bach.

Prerequisite: Music Theory 221.

MUT 302 (3) ANALYSIS OF FORM AND TEXTURE IN MUSIC

Emphasis upon the stylistic analysis of musical form and texture; study of the evolution of the standard musical forms.

Prerequisite: Music Theory 221.

MUT 432 (3) ORCHESTRATION

Ranges, tonal possibilities, technical limitations of standard band and orchestral instruments; analysis of standard compositions; scoring short pieces for various instrumental groups.

Prerequisite: Music Theory 220.

MUT 443 (3) CHORAL ARRANGING

Writing and arranging for voices in various combinations; study of the range, color and technical possibilities of various voices; analysis of standard works.

Prerequisite: Music Theory 220.

MUT 490 (1-2) SPECIAL STUDIES IN MUSIC THEORY

Intensive study of a selected problem, under the direction of a department faculty advisor.

Prerequisite: Consent of department chair.

SCHOOL OF NURSING

Purposes

- To prepare competent, responsible practitioners who are committed to service and leadership as professional nurses;
- To equip graduates with the skills to function at an entry level of professional practice in a wide variety of health care settings;
- To expose students to the dynamic changes occurring in health care today to better prepare them for the changing careers of the future.

Tradition of Excellence

The nursing program at Point Loma Nazarene University is highly respected in the San Diego community and around the world. Classes provide for individualized attention by caring faculty who are dedicated to the academic and clinical success of each student. The faculty who are professionally qualified and in many cases with doctoral preparation, focus on effective teaching, and take seriously their call to be Christian role models and mentors. The School of Nursing is approved by the California Board of Registered Nursing, and accredited by the Commission on Collegiate Nursing Education. Graduates are thus eligible to take the NCLEX-RN licensure exam and apply for public health nursing certification upon graduation. This accredited program provides preparation for graduate study.

Career Opportunities

The program is designed around five core outcomes: critical thinking, therapeutic nursing interventions, communication, spirituality and service. Nursing majors compile a portfolio as they progress in the Nursing major, showing their progress toward meeting competencies in each of these areas. Their progress is monitored throughout the program, and their finished portfolio may be used as a marketing tool as they interview for a position in Nursing. The compassionate attitudes and excellent preparation of PLNU nurses make them highly sought after by San Diego County health care agencies.

Admission Requirements

Students are admitted as freshman to pre-nursing status, and must complete the required prerequisite courses to be considered for the nursing major. Transfer students who have completed the required pre-requisites may also apply for the Nursing program. Students are selected for admission to the sophomore class annually for the fall semester. Selection is made on the basis of cumulative GPA, GPA at PLNU, strength of application, letter of recommendation and completion of pre-requisite classes. A minimum overall 2.700 college/university GPA is required on a four-point grade scale. LVN's and RN's licensed in the State of California are accepted into the program with advanced standing based on transfer of credit on a space available basis.

Students who have a previous bachelor's degree in a major other than Nursing may be considered for admission into sophomore Nursing class, however, a full three years will be required to complete Nursing coursework. The course load may be lighter depending on the number of general education classes already completed.

Eligibility

Students are eligible to be considered for the Point Loma Nazarene University Nursing Program when the following conditions are met:

- Acceptance to Point Loma as a pre-nursing student.
- Submission of an application for the nursing program. (Application forms are available in December at the School of Nursing office, and due by February 1 preceding the fall semester entry date.)
- Overall university grade-point average (GPA) of 2.700 or better on a four-point scale. A cumulative GPA of 2.700 alone does not guarantee acceptance into the program.
- Completion of the following prerequisites (or their equivalent) with a minimum grade of "C" (2.000) in each: Inorganic/General and Organic/ Biological Chemistry (minimum 5 semester units); Human Anatomy and Physiology (8 semester units); and General Psychology (3 or 4 semester units). Nutrition (3 semester units) and Human Development (3 semester units) are strongly recommended. A repeat of any prerequisite course may disqualify a student from admission to the Nursing program.
- Successful placement in mathematics according to PLNU placement test results or Mathematics 099 with a grade of "C" (2.000) or better.
- Submission of one letter of recommendation using the School of Nursing form. This is in addition to the two letters of recommendation required by the Admissions Office at the time of application to Point Loma.
- An interview may be requested.
- LVN to BSN: Academic placement is determined on an individual basis through evaluation of past preparation and experiences, Excelsior College Exams in nursing theory, and a challenge procedure from clinical courses is required. Further information may be obtained from the School of

nursing upon request.

- Transfers from non-PLNU BSN program: Students with previous preparation in Nursing are admitted to the program as space is available providing requirements are met for admission to the University and to the School of Nursing.

Selection

Eligible students are selected for admission to the nursing program by the School of Nursing Selection Committee. Selection is made on the basis of cumulative GPA, GPA in residence at Point Loma, quality of entire application, letter of recommendation, and units at Point Loma.

- Priority consideration is given to applicants who have completed:
 - a. All prerequisite courses by the end of spring semester preceding the fall semester entry date.
 - b. Two semesters at Point Loma (minimum of 15 prerequisite units).
 - c. The application process prior to February 1 preceding the fall semester entry date.
- Secondary consideration is given to transfer applicants who have completed:
 - a. All prerequisite courses by the end of spring semester preceding the fall entry date.
 - b. The application process prior to February 1 preceding the fall semester entry date.
- Per agreement with the San Diego Nursing Service Consortium and affiliated hospitals, a background check and drug screening are required prior to the first clinical experience.

Health Status

Students must provide evidence that they are physically and emotionally able to perform the duties required. A physical examination by a physician or nurse practitioner with information completed on a form provided by the School of Nursing is necessary. The examination includes current immunizations and tests as required by the School of Nursing. Forms are available after student has been accepted into the Nursing program.

Annual physical examination and tuberculin skin test must be performed before beginning junior and senior level Nursing courses.

Other Provisions

- Clinical facilities have a wide geographical distribution. Students are responsible for providing their own transportation to clinical facilities. Student car pools may be possible until the senior year, when access to an individual car is mandatory. This also requires a valid driver's license and proof of auto insurance.
- A fee for liability insurance and testing services is assessed yearly to sophomore, junior, and senior Nursing students.
- Students are required to purchase uniforms, student arm patches, name tags, watch with second hand, stethoscope, and other equipment as necessary.
- Students should be aware that the B.S.N. program is a full three years in length upon completion of prerequisite courses. Those with transfer credits may still need three years of Nursing courses to complete the degree.
- A current American Heart Association BLS for Healthcare Provider certification is mandatory for all Nursing majors in order to participate in clinical coursework.

Majors

Nursing

Courses

Faculty

Leanne Burke, M.S.N., R.N., C.N.M
San Diego State University

Rita R. Callahan, M.A., R.N.
University of Phoenix, San Diego

Catherine S. Kay, M.S.N., R.N., N.P.

University of Virginia

Son Chae Kim, Ph.D., R.N.
University of San Diego

Jeanne M. Maiden, Ph.D., R.N., C.N.S.
University of San Diego

Nicole Mareno, M.S.N., R.N., C.N.S.
Point Loma Nazarene University

Deana Raley Noble, M.P.H., M.S.N., R.N.
California State University, Long Beach

Domenica Oliveri, Ed.D., R.N.
University of Phoenix

Michelle Federe Riingen, D.N.P., R.N., Interim Dean (Spring 2009)
Case Western Reserve University

Larry B. Rankin, Ph.D., R.N.
University of Michigan

Mary Margaret Rowe, M.S.N., R.N., F.N.P.
California State University, Dominguez Hills

Christine A. Sloan, B.S.N., R.N.
University of Arizona

Barbara J. Taylor, Ph.D., R.N., Dean
University of San Diego

NURSING MAJOR

LOWER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
CHE 103	Introduction to General, Organic, and Biological Chemistry *	5
BIO 130	Human Anatomy and Physiology I *	4
BIO 140	Human Anatomy and Physiology II *	4
BIO 220	Microbiology of Infection Diseases †	5
FCS 150	Human Development †	3
FCS 225	Fundamentals of Nutrition †	3
MTH 203	Introduction to Statistics	3
PSY 101	Psychology of Personal Development	4
SOC 101	Introduction to Sociology	3
SOC 201	Cultural Anthropology	OR
SOC 250	Sociology of the Family	OR
POL 101	Introduction to Political Science	
NSG 250	Nursing of Individuals: Adult Health I	4
NSG 251	Nursing of Individuals: Clinical Practicum I	3
NSG 260	Nursing of Individuals: Adult Health II	4
NSG 261	Nursing of Individuals: Clinical Practicum II	3
NSG 270	Pharmacology in Nursing	2
	TOTAL	50

* Prerequisite to nursing program, i.e., admission to Nursing 250 and Nursing 251.

† May be allowed to complete concurrent with first Nursing course.

- Mathematics competency is required prior to nursing program.
- A grade of at least "C" (2.000) must be earned in all courses (prerequisite and co-requisite courses included) required for the major in Nursing in order to progress to the next course or level.

UPPER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
PSY 321	Abnormal Psychology	3
SOC 360	Ethnic and Status Groups	3
NSG 310	Nursing of Families: Child/Adolescent Focus	2
NSG 311	Nursing of Families: Child/Adolescent Clinical Practicum	3

NSG 330	Nursing of Families: The Childbearing Process	2
NSG 331	Nursing of Families: The Childbearing Process Clinical Practicum	3
NSG 340	Nursing of Families: Adult Health III	2
NSG 341	Nursing of Families: Adult Health III Clinical Practicum	3
NSG 399	Nursing Research	2
NSG 450	Nursing of Communities: Mental Health Focus	3
NSG 451	Nursing of Communities: Mental Health Focus Clinical Practicum	3
NSG 460	Nursing of Communities: Community Health Focus	3
NSG 461	Nursing of Communities: Community Health Focus Clinical Practicum	3
NSG 470	Nursing of Communities: Leadership and Management Focus	2
NSG 471	Nursing of Communities: Leadership and Management Clinical Practicum	3
NSG 480	Trends/Issues in Prof. Nursing	2
	TOTAL	43

NURSING COURSES

Lower-Division

NSG 246 (2) TRANSITION TO ADAPTATION NURSING

Transition course for advanced placement of the Licensed Vocational Nurse (LVN) into the professional nursing role. Introduction and application of the Point Loma Nazarene University Adaptation Model and scholarly writing in nursing is emphasized. Professional nursing perspectives including holistic care, historical, social, and political aspects will be explored.

Prerequisite: California LVN licensure and completion of national advanced placement exam(s) and acceptance into the Nursing major.

Corequisite: Nursing 300 and 301.

NSG 250 (4) NURSING OF INDIVIDUALS: ADULT HEALTH I

Nursing process is studied within the framework of adaptation. Major concepts of nursing theory are considered and illustrated in the areas of basic needs, acute, and chronic illness, rehabilitation, and the aging process. Examination of clients emphasizing skills in history taking, physical, psychological, cultural, and spiritual assessments.

Prerequisite: Admission to the Nursing program.

Concurrent: Nursing 251.

Corequisites: Family and Consumer Sciences 225 and Biology 220.

NSG 251 (3) NURSING OF INDIVIDUALS: CLINICAL PRACTICUM I

Includes application of nursing theory to practice in major areas of nursing in a variety of hospitals and health agencies within the San Diego community. Learning laboratory experiences are provided concomitantly to increase competency in nursing practice. Graded Credit/No Credit.

Concurrent: Nursing 250.

NSG 260 (4) NURSING OF INDIVIDUALS: ADULT HEALTH II

Nursing process is applied to adults with a variety of health care problems within the framework of adaptation. Emphasis is placed on the teaching/ learning process and a comprehensive application of the adaptation framework in client care.

Prerequisites: Nursing 250 and 251.

Concurrent: Nursing 261 and 270.

Corequisite: Family and Consumer Sciences 150 or Nursing 442.

NSG 261 (3) NURSING OF INDIVIDUALS: CLINICAL PRACTICUM II

Includes application of nursing theory to practice in major areas of nursing in a variety of hospitals and health agencies within the San Diego community. Learning laboratory experiences are provided concomitantly to increase competency in nursing practice. Graded Credit/No Credit.

Concurrent: Nursing 260.

NSG 270 (2) PHARMACOLOGY IN NURSING

Comprehensive examination of basic theoretical foundations for drug therapy by exploring the pharmaco-dynamics of commonly used drugs along with the nursing implications and interventions necessary for safe therapy.

Prerequisite: Sophomore standing in Nursing.

Concurrent: Nursing 260 or consent of instructor.

NSG 300 (1) HEALTH ASSESSMENT

Comprehensive approach to examining the client and the family, focusing on developing knowledge and skills in history taking, assessments and ability to communicate this information appropriately.

Assessments include physical, psychological, cultural, and spiritual.

Concurrent: Nursing 301.

Upper-Division

NSG 301 (1) HEALTH ASSESSMENT CLINICAL

Application of physical, psychological, cultural, and spiritual assessments of the individual and the family. A clinical course which includes laboratory activities and independent practice. Graded Credit/No Credit.

Prerequisite: Advanced placement and consent of instructor.

Concurrent: Nursing 300.

NSG 310 (2) NURSING OF FAMILIES: CHILD/ADOLESCENT FOCUS

Focuses on nursing theory as it relates to adaptation of families with children and adolescents who have alterations in health status.

Prerequisites: Family and Consumer Sciences 150 and Junior standing in Nursing program.

Concurrent: Nursing 311.

NSG 311 (3) NURSING OF FAMILIES: CHILD/ADOLESCENT CLINICAL PRACTICUM

Consists of opportunities for application of nursing theory and child development as it relates to adaptation of child and adolescent clients and their families. Graded Credit/No Credit.

Concurrent: Nursing 310.

NSG 330 (2) NURSING OF FAMILIES: THE CHILDBEARING PROCESS

Focuses on nursing theory as it relates to adaptation of families in the childbearing years.

Prerequisites: Junior standing in Nursing Program.

Concurrent: Nursing 331.

NSG 331 (3) NURSING OF FAMILIES: THE CHILDBEARING PROCESS CLINICAL PRACTICUM

Consists of opportunities for application of nursing theory as it relates to the adaptation of families throughout pregnancy, labor, delivery, and the postpartum period, including the care of the new born.

Graded Credit/No Credit.

Concurrent: Nursing 330.

NSG 340 (2) NURSING OF FAMILIES: ADULT HEALTH III

Focuses on nursing theory in the care of clients who have major alterations in health and the adaption of themselves and their families to critical illness. Advanced concepts of adult health and critical care nursing are the basis for the course.

Prerequisites: Junior standing in Nursing program.

Concurrent: Nursing 341.

NSG 341 (3) NURSING OF FAMILIES: ADULT HEALTH III CLINICAL PRACTICUM

Nursing process is applied to adults experiencing multi-system failure. Emphasis is placed on assessment of individual and family needs in critical illness. Graded Credit/No Credit.

Concurrent: Nursing 340.

NSG 345 (3) TRANSITION TO PROFESSIONAL NURSING

Transitional course for advanced placement of the Associate Degree Nurse (ADN) into the professional nursing role. Nursing concepts such as holistic care and adaptation will be emphasized along with analysis of contemporary issues and trends. Professional nursing perspectives of health care ethics, theories, historical, social, and political aspects will be explored. Examination of clients emphasizing skills in health history, physical, psychosocial, cultural, environmental, and spiritual assessment.

Prerequisite: California RN licensure and acceptance into the Nursing major.

NSG 395 (1-3) CLINICAL NURSING INTERNSHIP

Opportunity to gain clinical experience at a designated student nurse level in selected health care agencies, working as an employee under direct supervision of designated preceptor. Twelve to sixteen hours of experience per week. Seminars with faculty member are required. Any combination of the above levels not to exceed a total of nine units. New internships are considered for summer (between junior and senior year) and during Leadership semester ONLY. A student in good standing (GPA \geq 2.700) may apply for summer session only. Continuing internships (when new employee orientation is not required) may be approved up to 2 units (80 hours) during the CH/CMII semester. No accommodations are made for excused absence to attend hospital orientation. Orientation must be attended outside of theory or clinical time. Graded Credit/No Credit.

Prerequisites: Satisfactory standing in the Nursing program. A cumulative GPA of 3.000 is required for enrollment. Consent of junior team Nursing faculty.

NSG 399 (2) NURSING RESEARCH

A study of activities and processes involved in investigating a selected nursing problem. Includes individual or small group work in the use of beginning level research methods. Quantitative and qualitative methods are examined.

Prerequisites: Writing 110 (or Writing 115 /116), Mathematics 203 and Junior standing in Nursing program.

NSG 441 (1-3) TOPICS IN NURSING

Offers concentrations of study in selected areas of nursing practice. Topics include a theory component and may include a clinical component.

Prerequisites: Consent of instructor.

NSG 442 (2) HEALTH PROMOTION IN ADULT DEVELOPMENT

This course explores development of the individual from early adulthood to death. Biophysical and psychosocial issues are explored as they apply to early adulthood, middlelscence and old age. Specific developmental tasks are identified in each age group. Gender role development is also explored. Ethical, social, spiritual, and moral issues are introduced as they apply to the aging process. All of these topics are discussed within the framework of professional nursing practice, and health promotion.

NSG 446 (3) HEALTH OF WOMEN IN A MULTICULTURAL WORLD-WS

Explores the relationship between society, culture, environment, the health of women, and the health care services of women. the approach is global or international in perspective. Participants are expected to research their own cultural heritage and describe what impact this heritage has on personal health

expectations and use of health care in American Society.

NSG 447 (3) FAMILY VIOLENCE

A course examining the incidence of a broad range of abuse and neglect in society. The course covers both physical and sexual abuse as well as neglect of children from birth to adolescence, date rape, spousal abuse, and abuse of elderly. This course examines causes, assessment criteria, current treatment approaches, requirement for reporting, and long-term effects on children, families, and society. Offered 2008-09.

NSG 450 (3) NURSING OF COMMUNITIES: MENTAL HEALTH FOCUS

Focuses on the holistic understanding of the sociocultural, psychological, and situational aspects of life that impact the mental health of families and communities. Health and illness are seen from a complex, multi-dimensional, meaning-centered, and critical perspective with an emphasis on the promotion of mental health and wellness. Includes perspectives on group dynamics and socio-political systems as they impact mental health.

Prerequisites: Senior standing in Nursing program and Psychology 321.

Concurrent: Nursing 451.

NSG 451 (3) NURSING OF COMMUNITIES: MENTAL HEALTH CLINICAL PRACTICUM

Application of a unique clinical process based upon a critical synthesis of concepts from nursing and social sciences. Emphasis is on delivering care to communities and groups with a focus on wellness and mental health promotion. Students apply theory in both inpatient and community agencies. Graded Credit/No Credit.

Concurrent: Nursing 450.

NSG 460 (3) NURSING OF COMMUNITIES: COMMUNITY HEALTH FOCUS

The focus is on the health of populations with emphasis on epidemiology, health promotion, health protection, disease prevention, health policy, health care delivery systems, and cultural competency. A community assessment and community teaching project is required.

Prerequisites: Senior standing in Nursing program and completion of Sociology 360 and one of the following: Sociology 101, 201, Political Science 101, Economics 101.

Concurrent: Nursing 461

NSG 461 (3) NURSING OF COMMUNITIES: COMMUNITY HEALTH CLINICAL PRACTICUM

Application of the nursing process to individuals, families, and communities using the concepts studied in Nursing 460 Community Health Focus. Students work with families in a variety of community based settings including a health department. Graded Credit/No Credit.

Concurrent: Nursing 460.

NSG 470 (2) NURSING OF COMMUNITIES: LEADERSHIP AND MANAGEMENT FOCUS

Focus is on leadership and management theories, skills and styles within multiple health care environments. Content includes nursing theory as it relates to leadership/management principles, coordinating client care, interdisciplinary team approaches, managing personal and organizational resources, legal, ethical and political influences on the professional nurse.

Prerequisite: Senior standing in Nursing program.

Concurrent: Nursing 471.

NSG 471 (3) NURSING OF COMMUNITIES: LEADERSHIP AND MANAGEMENT CLINICAL PRACTICUM

Application of leadership and management theories, skills and styles that have been presented in Leadership and Management Focus (Nursing 470). Emphasis is consistent with content of Nursing 470. Graded Credit/No Credit.

Concurrent: Nursing 470.

NSG 480 (2) TRENDS/ISSUES IN PROFESSIONAL NURSING

Explores transitional factors for students assuming a professional role. Analyzes trends and issues in professional nursing including ethical, economical, political, legal, and educational.

Prerequisite: Senior standing in Nursing program.

NSG 490 (1-2) SPECIAL STUDIES IN NURSING

Concentrated study and experience in a selected area of nursing not otherwise available to nursing majors in the program. The student prepares, in consultation with the course coordinator, an appropriate design for the study, taking into consideration interest, relevancy to nursing, and availability of resources. May be repeated to a total of six units.

Prerequisites: Nursing 260, 261 and 270, GPA of 3.000 in Nursing, and consent of instructor.

NSG 491 (1-3) DIRECTED CLINICAL STUDIES IN NURSING

Concentrated clinical experience in a selected area of nursing not otherwise available. The student prepares, in consultation with the course coordinator, an appropriate design for the study, taking into consideration interest, relevancy to nursing, and availability of resources. May be repeated to a total of six units. A cumulative GPA of 3.000 is required for enrollment. Graded Credit/No Credit.

Prerequisites: Nursing 260 and 261 and consent of instructor.

NSG 495 (1-3) INTERNSHIP IN CLINICAL NURSING

See Nursing 395 for description.

Prerequisite: Consent of senior team Nursing faculty. A cumulative GPA of 3.000 is required for enrollment.

Application must be made by March 15 for summer and fall registration, and by October 15 for spring registration.

PHYSICS AND ENGINEERING

Purposes

- To prepare students for graduate studies in physics or engineering;
- To prepare students for a career in research or teaching;
- To prepare students for employment in various fields of applied physics and engineering;
- To satisfy pre-professional requirements for students choosing to attend engineering or architectural schools.

Tradition of Excellence

The Department of Physics and Engineering offers a quality education in one of the best possible environments. The Physics and Engineering curriculum places PLNU at the cutting edge of physics instruction. Recently, the laboratories have been remodeled and tens of thousands of dollars have been invested into state-of-the-art equipment. One of the advantages of PLNU is the ability to provide students with one-on-one instruction in smaller-sized classes, which means more time to talk with the faculty and more hands-on experience with the research-grade equipment. One of the most valuable resources offered at PLNU is the practical work experience students have the opportunity to gain next door to the university at the Space and Naval Warfare Systems Command (SPAWAR) of the U.S. Navy. Many students work part-time in Computer Aided Design (CAD), electronics, and computer science applications. Not only is this a rewarding experience with a good salary; it also leads to a government security clearance which is very useful when applying for jobs in defense industries after graduation. Another tradition that has been established in the department is the acceptance of the Junior Engineering Physics and Physics majors into summer research programs at major universities and government agencies. These summer research experiences provide an opportunity for the members of the junior class to begin establishing professional contacts with individuals around the country and significantly enhancing their entrance into the graduate school of choice.

Career Opportunities

Most Physics majors continue their education in graduate school and eventually become research scientists or teachers. The Engineering Physics majors focus on electronic circuit and computer hardware design. Graduates with this major have the option to attend graduate school or enter the job market in industry or government immediately after graduation. Point Loma offers both a Bachelor of Science and a Bachelor of Arts in Physics as well as a Bachelor of Science in Engineering Physics.

Majors

Engineering Physics
Physics

Minor

Physics

Courses

Engineering Courses
Physics Courses

Faculty

Kendall E. Mallory, Ph.D.
University of California, Riverside

Dee G. Puntteney, Ph.D., Chair
Purdue University

Paul Schmelzenbach, Ph.D.
Oregon State University

ENGINEERING PHYSICS MAJOR

CORE CURRICULUM

The following courses are required of all Physics and Engineering Physics majors:

COURSE	TITLE	UNITS
EGR 110	Computational Methods for Engineers & Scientists I	1
EGR 120	Computational Methods for Engineers & Scientists II	1
PHY 241	University Physics I	4
PHY 242	University Physics II	4
PHY 304	Modern Physics	4
PHY 341	Analytical Mechanics *	4
PHY 361	Electricity, Magnetism, and Waves	3
PHY 401	Thermodynamics	3
PHY 431	Quantum Mechanics	3
PHY 495	Seminar in Physics	1
MTH 164	Calculus I	4
MTH 174	Calculus II	4
MTH 274	Calculus III	4
MTH 334	Applied Mathematics	4
CHE 152	General Chemistry I	4
	TOTAL	48

* Engineering Physics majors may substitute Physics 341 for Engineering 215.

RECOMMENDATION

COURSE	TITLE	UNITS
CSC 142	Introduction to Computer Science	2
CSC 154	Fundamentals of Computer Science	4

Engineering Physics (B.S.) Major

The courses listed below are required in addition to the core curriculum to earn a B.S. degree in Engineering Physics.

COURSE	TITLE	UNITS
EGR 130	Engineering Drawing I	1
EGR 140	Engineering Drawing II	1
EGR 215	Engineering Mechanics	3
EGR 352	Analog Electronics	2
EGR 422	Digital Electronics	2
EGR 432	Computer Interfacing	2
EGR 442	Mobile Robotics	2
PHY 311	Nuclear Physics	3
PHY 362	Electricity, Magnetism, and Waves II	3
PHY 443	Solid State Physics	3
	TOTAL	22

PHYSICS MAJOR

CORE CURRICULUM

The following courses are required of all Physics and Engineering Physics majors:

COURSE	TITLE	UNITS
EGR 110	Computational Methods for Engineers & Scientists I	1
EGR 120	Computational Methods for Engineers & Scientists II	1
PHY 241	University Physics I	4
PHY 242	University Physics II	4
PHY 304	Modern Physics	4
PHY 341	Analytical Mechanics *	4
PHY 361	Electricity, Magnetism, and Waves	3
PHY 401	Thermodynamics	3
PHY 431	Quantum Mechanics	3
PHY 495	Seminar in Physics	1
MTH 164	Calculus I	4
MTH 174	Calculus II	4
MTH 274	Calculus III	4
MTH 334	Applied Mathematics	4
CHE 152	General Chemistry I	4
	TOTAL	48

RECOMMENDED

COURSE	TITLE	UNITS
CSC 142	Introduction to Computer Science	2
CSC 154	Fundamentals of Computer Science	4

Physics (B.A.) Major

The following courses are required in addition to the core curriculum to earn a B.A. in Physics:

COURSE	TITLE	UNITS
CHE 153	General Chemistry II	4
<i>One of the following courses:</i>		
PHY 311	Nuclear Physics	3
PHY 362	Electricity, Magnetism, and Waves II	3
PHY 443	Solid State Physics	3
	TOTAL	7

Physics (B.S.) Major

The courses listed below are required in addition to the core curriculum to earn a B.S. degree in Physics.

COURSE	TITLE	UNITS
CHE 153	General Chemistry II	4
PHY 311	Nuclear Physics	3
PHY 362	Electricity, Magnetism, and Waves II	3

PHY 443	Solid State Physics	3
<i>At least four units from the following courses:</i>		
CHE 295	Organic Chemistry I	5
EGR 422	Digital Electronics	2
EGR 432	Computer Interfacing	2
	TOTAL	17-18

PHYSICS MINOR

COURSE	TITLE	UNITS
PHY 241	University Physics I	4
PHY 242	University Physics II	4
PHY 304	Modern Physics	4
Eight additional upper-division units in Physics or Engineering.		
MINOR TOTAL		20

ENGINEERING COURSES

Lower-Division

EGR 110 (1) COMPUTATIONAL METHODS FOR ENGINEERS AND SCIENTISTS I

An introduction to techniques used in scientific analysis, including graphing of data, curve fitting, numerical methods of problem solution, error analysis, and the use of computers for solving problems in physics and engineering. Three hours laboratory each week. Offered on a Quad basis.

EGR 120 (1) COMPUTATIONAL METHODS FOR ENGINEERS & SCIENTISTS II

Engineering and scientific computing utilizing MatLab software. Examples and applications taken from the fields of engineering, physics, chemistry, and biology. Three hours laboratory each week. Offered on a Quad basis.

Corequisite: Engineering 110.

EGR 130 (1) ENGINEERING DRAWING I

An introduction to orthographic projection and isometric pictorials. Visualization of 3- dimensional objects. Concepts are introduced using sketching followed by extensive use of computer-aided design (CAD). Applications relevant to the student's major. One two-hour lab each week.

EGR 140 (1) ENGINEERING DRAWING II

A continuation of the concepts introduced in Engineering 130, using more advanced drawing concepts and CAD commands. One two-hour lab each week.

Corequisite: Engineering 130.

EGR 215 (3) ENGINEERING MECHANICS

Statics of particles and rigid bodies as applied to engineering design. Topics include vector algebra, forces, moments and couples, conditions of equilibrium, friction, and virtual work.

Prerequisite: Physics 241.

Upper-Division

EGR 352 (2) ANALOG ELECTRONICS

AC/DC circuit analysis, transients, characteristics of equivalent circuits for diodes, transistors, power supplies, transistor/operational amplifiers, and feedback applications. Two lectures and one laboratory each week.

Prerequisite: Physics 142 or 242.

EGR 422 (2) DIGITAL ELECTRONICS

Boolean algebra, logic gates, combinational logic circuits, state minimization, flip/flops, sequential circuits, asynchronous and synchronous counters. Course emphasizes design aspects using electronic design software. Two lectures and one laboratory each week.

Prerequisite: Physics 142 or 242.

EGR 432 (2) COMPUTER INTERFACING

Design, analysis, and implementation of digital controls systems using microcomputers and microcontrollers. Special attention given to the interfacing of hardware and digital devices to processors and controllers. Two lectures and one laboratory each week.

Prerequisite: Engineering 422.

EGR 442 (2) MOBILE ROBOTICS

The objective of this course is to use a hands-on approach to introduce the basic concepts in robotics, focusing on mobile robots and the importance of sensors and the integration of those sensors. Also to be discussed are navigation mechanisms and the various robot learning and control paradigms. Two lectures and one laboratory each week.

Prerequisite: Engineering 432.

EGR 489 (1-4) INTERNSHIP IN ENGINEERING

Designed to provide engineering experience in applied settings. An academic plan must be developed in consultation between the supervising faculty member, student and work supervisor. Students must complete 45 hours of supervised work for each unit of credit received. May be repeated up to a total of four units.

EGR 490 (1-4) SPECIAL TOPICS IN ENGINEERING

The topics chosen in engineering depend on regular or visiting faculty expertise as well as student demand. May be repeated (with varied topics) up to a total of six units.

PHYSICS COURSES

Lower-Division

PHY 141, 142 (4,4) GENERAL PHYSICS I, II–GE

A general introduction to physics including mechanics, thermodynamics, waves and sound, electricity and magnetism, optics, and modern physics. The course is taught primarily at the algebra/trigonometry level but does require limited use of calculus. Meets the professional requirements of life and medical science majors. Four lectures and one laboratory each week.

Corequisite: Mathematics 164 or consent of instructor.

PHY 241, 242 (4,4) UNIVERSITY PHYSICS I, II–GE

An analytic, calculus-based study of classical physics appropriate for science and engineering majors. Includes mechanics, thermodynamics, electromagnetism, and optics. Four lectures and one laboratory each week. Offered in a spring and fall sequence.

Corequisite: Mathematics 145 or 164 or consent of instructor.

Upper-Division

PHY 304 (4) MODERN PHYSICS

An introduction to concepts of modern physics including relativity, quantum theory, atomic physics, and high energy physics. Four lectures and one laboratory each week.

Prerequisite: Physics 142 or 242.

PHY 311 (3) NUCLEAR PHYSICS

A survey of nuclear physics including nuclear models, laws of radioactive decay, radiation detection, and applications of nuclear science in engineering and medicine. Three lectures and one laboratory each week.

Prerequisite: Physics 142.

PHY 341 (4) ANALYTICAL MECHANICS

Newtonian mechanics, dynamics of particles and rigid bodies, oscillatory motion, central forces, inertial tensors, Lagrangian and Hamiltonian formulations.

Prerequisites: Physics 242 and Mathematics 274.

Recommended: Mathematics 334.

PHY 361, 362 (3,3) ELECTRICITY, MAGNETISM, AND WAVES I, II

Classical electromagnetism including electric and magnetic fields, the electromagnetic properties of matter, Maxwell's equations, and a study of electromagnetic radiation including interference, diffraction, and interaction with material bodies.

Prerequisites: Physics 242 and Mathematics 274.

Recommended: Mathematics 334.

PHY 401 (3) THERMODYNAMICS

Fundamental concepts of thermodynamics and statistical mechanics; applications to both classical and quantum systems.

Prerequisite: Physics 242.

Recommended: Mathematics 334.

PHY 431 (3) QUANTUM MECHANICS

A rigorous introduction to quantum physics including Schrodinger's equation, matrix mechanics, perturbation theory, and applications in atomic and molecular physics.

Prerequisites: Physics 304 and Mathematics 274.

Recommended: Mathematics 334.

PHY 443 (3) SOLID STATE PHYSICS

An introduction to the study of solids, including crystal structure, reciprocal lattices, crystal binding, phonons, and electron band theory.

Prerequisite: Physics 431.

PHY 489 (1-4) INTERNSHIP IN PHYSICS

Designed to provide experience in applied settings for students majoring in physics. An academic plan must be developed in consultation between the supervising faculty member, student and work supervisor. Students must complete 45 hours of supervised work for each unit of credit received. Students may repeat this course for up to four units.

PHY 490 (1-3) SPECIAL TOPICS IN PHYSICS

The topics in physics chosen depend on regular or visiting faculty expertise as well as student demand.

May be repeated as topics vary up to a total of six units.

Prerequisite: Consent of instructor.

PHY 495 (1) SEMINAR IN PHYSICS

Presentation of papers by students, faculty, and visiting scholars, as well as attendance at seminars at other institutions. May be repeated up to a maximum of four units. Graded Credit/No Credit.

PHY 499 (1-4) RESEARCH IN PHYSICS

Independent investigation, under the supervision of a faculty member, of a specific problem in physics or engineering.

Prerequisite: Consent of instructor and Senior standing.

Physical Science Courses**PSC 103 (4) EARTH SCIENCE—GE**

An introductory survey of the disciplines of geology, oceanography, meteorology, and astronomy, with a discussion of philosophical and societal issues.

Prerequisite: Mathematics 099 or equivalent.

PSC 105 (4) THE COSMOS - GE

An introduction to our place in the universe emphasizing religious, cultural and historic perspectives including modern developments in physics and astronomy. This is a non-laboratory course that meets the requirement in general education under the category of The Natural World, but it does not count toward a major in Physics.

Prerequisite: Mathematics 099 or equivalent

PSC 110 (4) PHYSICAL SCIENCE – GE

An introductory survey of selected principles in physics and chemistry with a discussion of related societal and environmental issues. This course meets a requirement in general education under the category of The Natural World, but it does not count toward the Chemistry or Physics majors. One three-hour laboratory each week.

Corequisite: Mathematics 099 or equivalent.

PSYCHOLOGY

Purposes

- To develop mature personalities in students, so they will be able to meet problems of adjustment with realism and intelligence;
- To integrate the religious faith of students with the study of psychology;
- To prepare students who plan to undertake graduate study in psychology for careers related to mental health, such as marriage and family counseling, clinical psychology, community psychology, and health psychology;
- To educate students preparing for careers in non-mental health/related fields, such as ministry, business, medicine, and law.

Tradition of Excellence

The Department of Psychology at Point Loma Nazarene University emphasizes several features in striving for excellence in undergraduate education. The department's practicum program allows juniors and seniors to obtain training in specific psychological skills through a community mental health or social service agency. Supervised by an agency representative and a psychology professor, this program is an effective way for Psychology majors to complement course work with real world experience. Point Loma also offers classes designed to deal with the integration of psychology and the Christian faith. Additionally, all students are encouraged to become part of a research project with qualified faculty that potentially may be presented at a national or regional psychology conference. The department also maintains an active PsiChi organization (National Honor Society in Psychology) that sponsors presentations in the field, preparatory workshops for those interested in graduate school, and special social events.

Career Opportunities

It is the goal of the faculty that all students desiring to pursue graduate studies be prepared to do so and to present a strong graduate application. Such an application results from a Department that emphasizes areas foundational to entrance and success in graduate school. In addition to strong academic achievement, these include practicum experience, research experience, and sufficient contact with faculty that allows a student to earn a credible letter of recommendation. Recent alumni surveys indicate that over one-half of PLNU Psychology majors eventually receive a graduate degree of some kind, one-third of those within one to three years of graduating from PLNU. When these graduates were asked about their level of satisfaction with the preparation received at Point Loma, over ninety-five percent reported that they were very satisfied or satisfied. There is a strong tradition of excellence in the Department of Psychology at PLNU that attempts to prepare students for their next step into the future.

Majors

Psychology

- General Psychology
- Therapeutic and Community Psychology

Minor

Pre-Therapeutic Psychology

Courses

Faculty

Holly Irwin-Chase, Ph.D., Chair
University of Louisville

Daniel L. Jenkins, Ph.D.
Brigham Young University

G. Michael Leffel, Ph.D.
University of Illinois, Champaign-Urbana

Ross A. Mueller, Ph.D.
Fuller Theological Seminary, Graduate School of Psychology

Kendra L. Oakes Mueller, Ph.D.
Fuller Theological Seminary, Graduate School of Psychology

Kim W. Schaeffer, Ph.D.
University of Oklahoma Health Sciences Center

John T. Wu, Ed.D.
Harvard University, School of Education

PSYCHOLOGY MAJOR

CORE REQUIREMENTS FOR ALL PSYCHOLOGY MAJORS

LOWER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
PSY 101	Psychology of Personal Development	4
PSY 103	General Psychology	3
MTH 203	Intro to Statistics	3
	L.D. TOTAL	10

UPPER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
PSY 300	Personality and Adult Development	4
PSY 308	Developmental Psychology – Birth Through Adolescence	4
PSY 350	Clinical and Research Assessment	3
PSY 390	Research Methods and Design I	4
PSY 391	Research Methods and Design II	4
PSY 400	History of Psychology	2
PSY 409	Psychology of Cognition and Learning	4
	U.D. TOTAL	25
	CORE TOTAL	35

Concentration: Therapeutic and Community Psychology

UPPER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
PSY 301	Physiological and Neuropsychology	4
PSY 321	Abnormal Psychology	3
PSY 325	Clinical and Community Interventions	4
PSY 380	Family Development and Family Therapies	3
	One of the following:	
PSY 410	Issues in Psychotherapy-Theology Integration	3
PSY 420	Moral Development and Christian Spirituality	3
	CONCENTRATION TOTAL	17

Concentration: General Psychology

UPPER-DIVISION REQUIREMENTS

Fifteen units of Psychology electives

CONCENTRATION TOTAL 17

ELECTIVES - ACCORDING TO INDIVIDUAL GOALS

PRE-THERAPEUTIC PSYCHOLOGY MINOR

This minor is for non-Psychology majors who desire an introductory exposure to therapeutic psychology. It is especially suited for individuals who plan to enter careers in social services, i.e. ministry, nursing, medicine, or social work. Students minoring in this program complete the following courses.

COURSE TITLE	UNITS
PSY 321 Abnormal Psychology	3
PSY 325 Clinical and Community Interventions	4
One of:	
PSY 101 Psychology of Personal Development	4
PSY 103 General Psychology	3
One of:	
PSY 308 Developmental Psychology – Birth Through Adolescence	4
FCS 150 Human Development	4
One of:	
PSY 320 Social Psychology	3
PSY 360 Human Sexuality	3
PSY 341 Group Counseling	3
PSY 345 Group Dynamics	3
One of:	
PSY 410 Issues in Psychotherapy – Theology Integration OR	
PSY 420 Moral Development and Christian Spirituality	3
PSY 460 The Human Challenge	3
MINOR TOTAL	20-21

PSYCHOLOGY COURSES

Lower-Division

PSY 101 (4) PSYCHOLOGY OF PERSONAL DEVELOPMENT–GE

Introduction to theories and issues in psychology as these relate to the student's own level of need to develop socially, mentally, and spiritually. Attitudes and skills which contribute to academic success; specifically understanding Point Loma as an academic, religious, and social culture have special focus. Colloquium, lectures, and small group laboratory experiences are used. Required of all first-year freshmen and transfer students with fewer than 24 units. All others take Psychology 103 to fulfill general education requirements.

PSY 103 (3) GENERAL PSYCHOLOGY–GE

A survey of psychology as an empirical/behavioral science. Topics include biological correlates of behavior, learning, cognition, emotion, motivation, personality, assessment, development, psychopathology, psychotherapy, and social psychology.

PSY 270 (2-4) CAREER EXPLORATION

Students are placed in local mental health or social service agencies to obtain direct exposure in the field. The goal is to help them evaluate their career options and direction. May be repeated up to a total of six units. Graded Credit/No Credit.

Prerequisites: Consent of instructor and approval of departmental faculty.

Upper-Division

PSY 300 (4) PERSONALITY AND ADULT DEVELOPMENT

An introductory survey of classic theories and contemporary empirical research in the fields of personality and adult development psychology. Distinct domains of knowledge regarding human nature, individual differences, and adult development and aging are covered. Emphasis is placed on developing a greater capacity for self-awareness and critical thinking.

PSY 301 (4) PHYSIOLOGICAL AND NEUROPSYCHOLOGY

A study of the anatomical and physiological bases of mental events and behavior. Offered fall only.

Prerequisites: Psychology 103 and 390 or consent of instructor.

PSY 308 (4) DEVELOPMENTAL PSYCHOLOGY – BIRTH THROUGH ADOLESCENCE

A systematic study of the physical, cognitive, social, and emotional development of the individual from birth through adolescence. Meets the California state guidelines for the Liberal Studies major.

PSY 320 (3) SOCIAL PSYCHOLOGY

A study of the theories and methods of social interactions in the development of personal and group behavior. Topics include attitudes, communication, and pro-social and anti-social behaviors.

PSY 321 (3) ABNORMAL PSYCHOLOGY

Study of etiology, assessment, diagnosis, and treatment of various forms of abnormal behavior from various psychological perspectives.

Prerequisite: One of Psychology 103, 308, Family and Consumer Sciences 150 or consent of instructor.

PSY 325 (4) CLINICAL AND COMMUNITY INTERVENTIONS

This course provides an overview of the fields of clinical and community psychology. It focuses on individual, family and systems, social-community, bio-psycho-social, and health interventions. Career directions within the mental health professions are introduced. Theories and interventions include cognitive-behavioral, humanistic-existential, psycho-dynamic-psychoanalytic, and systems. Focus is on how therapists apply therapeutic knowledge in a variety of settings.

PSY 330 (4) MORAL PSYCHOLOGY AND CULTURAL VALUES

Introduction to the psychological study of morality, prosocial behavior, and character development, including a survey of historical and contemporary theories or morality. Includes a particular emphasis on the role of cultural norms and values, as well as an analysis of the ways in which such values are developed and transmitted in contemporary culture (e.g., media, academics, family, etc.). Small group activities are included. Offered fall only.

Prerequisite: Psychology 101

PSY 341 (3) GROUP COUNSELING

An introductory survey of theories used to modify, ameliorate, or change personal behavior using group methods. Laboratory experiences required. May be repeated once up to a total of six units.

Prerequisite: Consent of instructor.

PSY 345 (3) GROUP DYNAMICS

A laboratory learning experience in the formation and development of small group processes with

emphasis upon understanding the effects of individual dynamics on the group.

Prerequisite: Consent of instructor.

PSY 350 (3) CLINICAL AND RESEARCH ASSESSMENT

A detailed study of selected psychological assessment instruments used in clinical and research settings. Emphasis is placed on reliability and validity, as well as selection of tests for diagnosis, treatment planning, and research.

Prerequisites: Psychology 390 and Mathematics 203.

PSY 360 (3) HUMAN SEXUALITY

Survey of behavioral, personality, and psycho-biological components of human sexuality, with emphasis upon delineation of facts from sexual myths, social context, and values. Offered spring only. Open to students who are not Psychology majors.

PSY 380 (3) FAMILY DEVELOPMENT AND FAMILY THERAPIES

Introduction to the normative stages and crises affecting families over the life span, and to the major theories of family and marital psychotherapy. Emphasis on how various models work with relational systems to facilitate development through times of crisis and developmental transition. Also focuses on therapeutic issues of substance abuse, and on legal issues involved in child, spousal, and elder abuse. Family developmental theories are applied to community organizations in order to assist students in understanding how system principles are used in community consultation. Offered spring only.

Prerequisites: Psychology 321 and Psychology 325 or consent of instructor.

PSY 390 (4) RESEARCH METHODS AND DESIGN I

Students gain experience in methods of design, data collection, management, and analysis. Students begin a significant research project. This course must be taken in the semester immediately preceding Psychology 391.

Prerequisites: Psychology 103 and Mathematics 203 (this course may be taken concurrently or with the consent of instructor).

PSY 391 (4) RESEARCH METHODS AND DESIGN II

Study of design and of research in psychology and the use of statistics. Practice in the integration of design and statistics is included. Students finish a significant research project. This course must be taken in the semester immediately following Psychology 390.

Prerequisites: Psychology 103, 390, Mathematics 203, or consent of instructor.

PSY 400 (2) HISTORY AND CONTEMPORARY ISSUES IN PSYCHOLOGY

A study of important ideas and debates in the history of psychology as they reappear in contemporary theory and research (e.g., the mind-body problem; nature-nurture). This course also provides a comprehensive review of important theories and findings in psychology in preparation for the GRE Subject Exam. An overview of the graduate school application process is offered.

Prerequisites: Senior standing or spring semester of the junior year, if applying to graduate school in the fall of the senior year.

PSY 409 (4) PSYCHOLOGY OF COGNITION AND LEARNING

A study of the major theories and empirical findings in the fields of cognition and learning, as well as practical applications to human behavior. Laboratory activities may be included.

Prerequisites: Psychology 103 and 390 or consent of instructor.

PSY 410 (3) ISSUES IN PSYCHOTHERAPY—THEOLOGY INTEGRATION

More detailed study of issues involved in the integration of theological insights and psychotherapy approaches within the therapeutic setting. Includes an overview of the historical relationship between religion and psychotherapy, differing models of the therapeutic relationship, and various models for integrating psychotherapeutic theory with theological world views. Introduces specific issues that arise in conducting therapy with religious persons, including criteria for evaluating healthy and unhealthy forms of religious belief. Offered spring only.

Prerequisites: Psychology 321 and Psychology 325 or consent of instructor.

PSY 420 (3) MORAL DEVELOPMENT AND CHRISTIAN SPIRITUALITY

Psychological and theological studies of the meaning of moral character and of the relationship between processes of moral development, religious faith, and the experience of God. Emphasis is placed on understanding moral developmental determinants of religious experience, and on the application of psychotherapeutic principles in facilitating moral character change. A multi-disciplinary approach is taken to encourage integrative scholarship in the areas of faith development, spiritual formation, and character change. Integration within the Wesleyan theological tradition is emphasized. Open to students who are not Psychology majors.

Prerequisites: Psychology 101 or 103 and Bible 101 or 102.

PSY 460 (3) THE HUMAN CHALLENGE

A course designed to engage students in a systematic interdisciplinary reflection on some of the challenges of an examined and well-lived life. It poses three human challenges for interdisciplinary (literary,

philosophical, psychological, and theological) dialogue: 1) the challenge of evolving a philosophic faith; 2) the challenge of expanding one's capacity to love; and 3) the challenge of broadening one's personal identity and vision of meaningful, creative work. Students read literacy works that embody these adult developmental themes as well as selective articles from philosophy and psychology. Offered spring only.
Prerequisite: Consent of instructor.

PSY 470 (3-4) PRACTICUM IN PSYCHOLOGY

Students are placed in local mental health or social service agencies to obtain training in specific psychological skills. May be repeated up to a total of seven units. Graded Credit/No Credit.
Prerequisites: Consent of instructor and approval of department faculty.

PSY 490 (1-3) SPECIAL STUDIES IN PSYCHOLOGY

Detailed study of selected individual topics in psychology. Designed for advanced students to go deeply into an area not included in the curriculum. May be repeated up to a total of six units. Offered on demand.
Prerequisite: Consent of instructor.

PSY 499 (1-4) RESEARCH IN PSYCHOLOGY

Open to students of proven ability. Designed for students to undertake a significant self-initiated research project. May be repeated up to a total of six units.
Prerequisites: Consent of instructor and approval of department faculty.

SOCIOLOGY AND SOCIAL WORK

Purposes

- To provide students with understanding of social environments and patterns of human behavior. This knowledge is a foundation for many disciplines in addition to sociology, e.g., criminal justice, education, psychology, social work, ministry, business and international affairs.
- To help students understand themselves and others in the context of local, national and global societies through the comparison of societies and cultures.
- To prepare students to work with many populations and issues in a variety of settings in the United States and elsewhere in the world.
- To provide students with the tools for study and analysis of the structure and functioning of social groups, social institutions, and societies.
- To provide professional education for employment in the criminal justice systems and generalist social work practice, and the foundation for post-graduate study.

Tradition of Excellence

- A major in Sociology is foundational for the understanding of human society and social behavior. The graduate in Sociology is equipped for many ministry, corporate, and human service positions, in addition to being prepared for post-graduate study in Sociology, which can lead to positions in higher education, research, business, government, and law.
- A concentration in Criminal Justice builds upon the core Sociology curriculum and prepares the graduate for positions in all components of the criminal justice system, including law enforcement, courts, and corrections. The graduate is prepared for postgraduate study in Criminal Justice, Sociology, law, and other fields.
- A major in Social Work prepares the graduate for entry into professional social work in a generalist practice. The Social Work graduate is prepared for post-graduate work in the profession.
- A minor in Sociology as a complement to other disciplines.
- A minor in Criminal Justice as a complement to other disciplines.

Career Opportunities

The Department of Sociology and Social Work prepares students to be effective leaders in the work force.

A number of students were hired while still in internships, and many graduates have secured professional employment during or shortly after completion of their undergraduate study. Popular careers students enter include research design, public relations, human services, probation and criminal justice, social work, social welfare, counseling, health care administration, and many other rewarding fields. Graduates are employed in a variety of occupations: as social workers at a hospital and with the County of San Diego, as counselors with the Salvation Army and with Big Brothers & Sisters, as corrections officer with the State of California and with Federal Pre-Trial Services, as director of a senior citizen center, as a layout designer for San Diego Gas and Electric Company, as teachers at all levels, and as local, state, and federal law enforcement officers.

Many graduates continue their education at the post-graduate level in Sociology, Social Work, and law. Students have entered schools such as the University of California-Berkeley, University of Chicago, University of Colorado, Duke University, University of Southern California, San Diego State University, and the California Western School of Law.

Majors

Sociology

- Criminal Justice
- General Sociology

Social Work

Minors

Sociology
Criminal Justice

Courses

Sociology
Social Work

Faculty

David C. Barrows, Ph.D.

University of California, San Francisco

Mary E. Conklin, Ph.D.
Johns Hopkins University

Patti L. Dikes, J.D.
Arizona State University

James F. Gates, Ph.D.
University of Florida

John W. Hawthorne, Ph.D.
Purdue University

Patricia M. Leslie, M.A., Director of Social Work
University of Chicago

Kevin F. Modesto, Ph.D., Chair
University of North Carolina, Chapel Hill

SOCIOLOGY MAJOR

All classes required for the major must be completed with a grade of "C" (2.000) or above.

LOWER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
SOC 101	Introduction to Sociology	3
SOC 260	Sociological Analysis	3
MTH 203	Introduction to Statistics	3

Select one of the following:

SOC 103	Social Problems	3
SOC 201	Cultural Anthropology	3
SOC 250	Sociology of the Family	3
	TOTAL	12

UPPER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
SOC 415	Social Theory	3
SOC 460	Social Research Methods and Design	4
SOC 476	Senior Seminar in Sociology	3

Concentration: General Sociology

Select 18 units from the following:

SOC 303	Urban Issues	3
SOC 305	Social Stratification	3
SOC 310	Criminology	3
	OR	
SOC 314	Juvenile Delinquency	
SOC 316	Sociology of Aging	3
SOC 320	Social Psychology	3
SOC 321	Social Philosophy	3
SOC 330	Development of Feminist Thought	4
SOC 350	Urban Sociology	3
SOC 360	Race and Ethnicity	3
SOC 375	African Cultures and Histories	3
SOC 420	Social Change	3
SOC 430	Sociology of Religion	3
SOC 470	Medical Sociology	3
SOC 471	Internship in Sociology	2-4
SOC 475	Sociology of Education	3
SOC 490	Special Topics in Sociology	3
SOC 491	Independent Studies in Sociology	1-4

A minimum of six additional units of upper-division courses from the following disciplines: Economics, History, Political Science, Psychology, Sociology, and Social Work.

TOTAL **24**

TOTAL MAJOR UNITS 36

Concentration: Criminal Justice

All classes required for the major must be completed with a grade of "C" (2.000) or above.

LOWER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
SOC 209	Introduction to Criminal Justice	3
POL 165	American Government	4
	TOTAL	7

UPPER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
SOC 310	Criminology	3
SOC 360	Race and Ethnicity	3
SOC 409	Criminal Law	3
SOC 410	Constitutional Foundations of the Criminal Justice System	3
SOC 472	Internship in Criminal Justice	4
PSY 321	Abnormal Psychology	3
	TOTAL	19

RECOMMENDED ELECTIVES

COURSE	TITLE	UNITS
SOC 103	Social Problems	3
SOC 201	Cultural Anthropology	3
SOC 250	Sociology of the Family	3
SOC 305	Social Stratification	3
SOC 320	Social Psychology	3
SOC 350	Urban Sociology	3
SOC 420	Social Change	3
SOC 470	Medical Sociology	3

SOCIAL WORK MAJOR

All classes required for the major must be completed with a grade of "C" (2.000) or above.

LOWER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
SOC 101	Introduction to Sociology	3
SOC 250	Sociology of the Family	3
BIO 101	Human Biology and Bioethics	4
ECO 102	Principles of Economics II	3
MTH 203	Introduction to Statistics	3
PSY 103	General Psychology	3
	TOTAL	19

UPPER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
SOC 316	Sociology of Aging	3
	OR	
SWK 340	Child Welfare	
SOC 360	Race and Ethnicity	3
SOC 460	Social Research Methods and Design	4
SWK 303	Introduction to Social Work	3
SWK 330	Social Welfare Policy	3
SWK 365	Human Behavior for the Social Environment	3
SWK 370	Social Work Practice I	3
SWK 371	Social Work Practice II	3
SWK 470	Social Work Practicum I	4
SWK 471	Social Work Practicum II	4
SWK 472	Seminar in Social Work I	2
SWK 473	Seminar in Social Work II	2
	TOTAL	37

RECOMMENDED ELECTIVES

COURSE	TITLE	UNITS
FCS 150	Human Development	3
PSY 321	Abnormal Psychology	3
PSY 300	Personality and Adult Development	4
SOC 103	Social Problems	3
SOC 305	Social Stratification	3
SOC 330	The Development of Feminist Thought	4

SOCIOLOGY MINOR

The Sociology minor consists of a minimum of six courses from the list below (three from the required core and three electives). The student must select a minimum of 12 units of upper-division credits in Sociology and may include no more than three units of Sociology 490 Special Topics in Sociology.

All classes required for the minor must be completed with a grade of "C" (2.000) or better.

LOWER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
SOC 101	Introduction to Sociology	3

UPPER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
SOC 415	Social Theory	3
SOC 260*	Sociological Analysis	3-4
	OR	
SOC 460*	Social Research Methods and Design	

*Students who have completed a research methods course for their major--History 270, Nursing 499, Political Science 270, Psychology 201 and 401--may substitute for Sociology 260 or 460.

Select at least 9 units from the following:

SOC 303	Urban Issues	3
SOC 305	Social Stratification	3
SOC 310	Criminology	3
	OR	
SOC 314	Juvenile Delinquency	
SOC 316	Sociology of Aging	4
SOC 320	Social Psychology	3
SOC 330	The Development of Feminist Thought	3
SOC 350	Urban Sociology	3
SOC 360	Race and Ethnicity	3
SOC 375	African Cultures and Histories	3
SOC 420	Social Change	3
SOC 430	Sociology of Religion	3
SOC 470	Medical Sociology	3
SOC 475	Sociology of Education	3
SOC 490**	Special Topics in Sociology	3

**No more than three units of Sociology 490 may count toward the 12 units of upper-division course work required for the minor.

TOTAL 15-16

RECOMMENDED COURSES

SOC 103	Social Problems	3
SOC 201	Cultural Anthropology	3
SOC 250	Sociology of the Family	3

CRIMINAL JUSTICE MINOR

The minor in Criminal Justice consists of five required courses and one additional course.

All classes required for the minor must be completed with a grade of "C" (2.000) or above.

LOWER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
SOC 101	Intro to Sociology	3
SOC 209	Intro to Criminal Justice	3

UPPER-DIVISION REQUIREMENTS

SOC 310	Criminology	3
	OR	
SOC 314	Juvenile Delinquency	
SOC 360	Race and Ethnicity	3
SOC 409	Criminal Law	3
	OR	
SOC 410	Constitutional Foundations of Criminal Justice	

One of the following courses (3-4 units):

SOC 305	Social Stratification	3
SOC 320	Social Psychology	3
SOC 350	Urban Sociology	3
SOC 471	Internship: Criminal Justice	4
PSY 321	Abnormal Psychology	3
	TOTAL	18-19

SOCIOLOGY COURSES

Lower-Division

SOC 101 (3) INTRODUCTION TO SOCIOLOGY–GE

An introduction to sociology, basic concepts, theories, development as a discipline, and the tools of social investigation.

SOC 103 (3) SOCIAL PROBLEMS - GE

An analysis of some of the causes and implications of many of the most pressing social problems which confront us today. An attempt to develop ways to attack these problems. Offered spring.

SOC 111 (1) INTRO TO SOCIOLOGY: PRACTICUM

The application of basic sociological concepts to student service/ministry experiences. Lecture and field work. Offered fall.

Corequisite: Sociology 101 or consent of instructor.

SOC 201 (3) CULTURAL ANTHROPOLOGY–GE

An introduction to the basic concepts, methods and findings of cultural anthropology. Emphasis is on the comparative study of contemporary cultures to develop an understanding of the cultural diversity that confronts society and the common threads that bind people together.

SOC 209 (3) INTRO TO CRIMINAL JUSTICE

An introduction to and comparative examination of the components of the justice process dealing with delinquent and criminal behavior. Examines criminally deviant behavior in a complex society. Offered spring.

SOC 250 (3) SOCIOLOGY OF THE FAMILY

A study of the changing nature and function of the family as a basic institution of society with emphasis upon variety related to culture, class, and ethnicity.

SOC 260 (3) SOCIOLOGICAL ANALYSIS

A course designed to enhance understanding of the sociological perspective including the ability to think and write descriptively and analytically. Offered fall.

Prerequisite: Sociology 101 or 201 or consent of the instructor.

Upper-Division

SOC 303 (3) URBAN ISSUES

An interdisciplinary exploration of life as it is experienced in the urban environment. Students are exposed to broad issues of global urban life with particular focus on the San Diego/Tijuana metroplex. Special attention is given to the variety of ways people create meaningful lives for themselves in multicultural, urban environments and to the social organization that supports the life of the poor. Offered as a summer course in even years.

Prerequisite: Consent of instructor.

SOC 305 (3) SOCIAL STRATIFICATION

Social stratification as part of social organization. A review of the major theories, methods of studying stratification and evidence relating to the origin, nature and functioning of systems of social inequality bases of stratification; relationships among class, status and power. Class consciousness and conflict; technological change and social mobility. Offered spring of even years.

Prerequisite: Sociology 101 or 201 or consent of the instructor.

SOC 310 (3) CRIMINOLOGY

The study of crime and criminal behavior, the role of law, efforts at prevention and control. Offered fall.

Prerequisite: Sociology 101 or 201 or consent of the instructor.

SOC 314 (3) JUVENILE DELINQUENCY

A study of the youthful offender including theories of cause, the role of law and authority, and current trends. Offered spring.

Prerequisite: Sociology 101 or 201 or consent of instructor.

SOC 316 (3) SOCIOLOGY OF AGING

Analysis of aging within social contexts: the aging process, death, and dying, and the impact of psychological, economic, physiological, and social factors. Offered fall of even years.

Prerequisite: Sociology 101 or 201 or consent of the instructor.

SOC 320 (3) SOCIAL PSYCHOLOGY

A study of the theories and methods of social interactions in the development of personal and group behavior. Topics include attitudes, communication, pro-social, and anti-social behaviors.

SOC 321 (3) SOCIAL PHILOSOPHY

The emergence and development of social philosophy, with consideration given to Critical Theory, Heidegger, Post-Structuralism, and feminist thought. Also crosslisted as Philosophy 321.

Prerequisite: Philosophy 201.

SOC 330 (4) THE DEVELOPMENT OF FEMINIST THOUGHT-WS

A survey of the development of various strands of feminist thought, and engagement in current conversations within and about feminism. Offered spring of even years.

SOC 350 (3) URBAN SOCIOLOGY

A study of urbanization as a social process, comparing urban, suburban, and metropolitan phenomena. Attention is given to institutions in changing urban settings, i.e., religion, family as it is applied to ministry. Offered spring of even years.

Prerequisite: Sociology 101 or 201 or consent of the instructor.

SOC 360 (3) RACE AND ETHNICITY

An analysis of historical and current social factors relating to various ethnic, racial, and status groups. Focus is upon issues of discrimination and oppression.

SOC 375 (3) AFRICAN CULTURES AND HISTORIES

An interdisciplinary examination of the social and cultural histories of Africa with emphasis on the contact between Africans and Europeans since the late 19th century. Also crosslisted as History 375. Offered fall of odd years.

SOC 409 (3) CRIMINAL LAW

To understand the role of the state in criminal law, this course studies the nature, origins and general principles of criminal law, including causation, defenses of justification and excuse, and criminal liability. Cases highlight and illustrate the general principles and doctrines in the context of real life. Crimes against persons, habitation, property and public order, and morals. Offered fall of odd years.

Prerequisites: Sociology 101 or 201 and Sociology 209 or consent of instructor.

SOC 410 (3) CONSTITUTIONAL FOUNDATIONS OF CRIMINAL JUSTICE

Examination of the federal constitutional provisions which impact the criminal justice system with an emphasis on the amendments in the Bill of Rights dealing with searches and seizures by law enforcement officers, the exclusionary rule, the privilege against self-incrimination, the rights to due process and the assistance of counsel, the death penalty, and constraints on the correctional system. Offered fall of even years.

Prerequisite: Sociology 101 and 209 or consent of the instructor.

SOC 415 (3) SOCIAL THEORY

Investigation and analysis of 19th century and more recent sociological thought, and philosophical and social issues surrounding it. The relation of sociological theory and Christian thought is considered. Offered fall.

Prerequisite: Sociology 101 or 201 or consent of the instructor.

SOC 420 (3) SOCIAL CHANGE

Study of social changes in modern societies; the source of change, processes such as social change movements by which change occurs, and the meanings of change for individuals and institutions. Offered fall of even years.

Prerequisites: Sociology 101 or 201 or consent of instructor.

SOC 430 (3) SOCIOLOGY OF RELIGION

Comparative and analytical study of religion as a social institution; the relation of religion to social stratification, economy, state; religion as an agent of social change and stability. Offered fall.

Prerequisite: Sociology 101 or 201 or consent of the instructor.

SOC 460 (4) SOCIAL RESEARCH METHODS AND DESIGN

A study and application of the methods of social research: development of a design, collection and analysis of data, and development of a final report. Offered spring.

Prerequisite: Sociology 101 or 201 or consent of instructor.

SOC 470 (3) MEDICAL SOCIOLOGY

An introduction the field of medical sociology and to a perspective on health and illness and the health care system. The course examines social and cultural factors related to health and nonhealth, including the nature of the problems addressed by health care institutions, societal responses to disease and sickness, and the institutional and organizational settings of health care. Offered spring of odd years.

Prerequisite: Sociology 101 or Sociology 201 or consent of instructor.

SOC 471 (2-4) INTERNSHIP IN SOCIOLOGY

Designed to provide experience in applied settings. A minimum of three hours per week for a full semester is required for each unit of credit. Placement and plan for internship are developed in consultation by

instructor, student, and agency. May be repeated for up to a total of six units of credit. Students may receive credit for a maximum of six units for internship whether Sociology 471 or Sociology 472. Graded Credit/No Credit.

Prerequisite: Consent of instructor.

SOC 472 (2-4) INTERNSHIP IN CRIMINAL JUSTICE

Intended for Sociology majors with a concentration in Criminal Justice. This course allows students to gain experience in a criminal justice setting. Students are required to complete a minimum of 12 hours per week in an approved setting in the criminal justice system. May be repeated for up to a total of six units of credit. Students may receive credit for a maximum of six units for internship whether Sociology 471 or Sociology 472. Graded Credit/No Credit.

Prerequisite: Consent of instructor.

SOC 475 (3) SOCIOLOGY OF EDUCATION

A study of the social foundations of the American education system and the various community settings where education takes place. Emphasis upon current educational dynamics. Offered spring of odd years.

Prerequisite: Sociology 101 or 201 or consent of instructor.

SOC 476 (3) SENIOR SEMINAR IN SOCIOLOGY

Intended for Sociology majors, including those with concentration in Criminal Justice. Course provides opportunity to integrate material learned in other sociology courses as well as opportunity to integrate academic learning with personal experiences. During the course, students prepare a portfolio of papers demonstrating their competence in sociology. Offered fall.

Prerequisite: Senior standing and major in Sociology.

SOC 490 (3) SPECIAL TOPICS IN SOCIOLOGY

Selected topics of current interest in depth. Application through travel or special projects may be an essential part of the course. May be repeated for up to a total of six units. Students wishing to earn more than six units must have consent of the department chair and the Vice Provost for Academic Administration.

Prerequisite: Consent of instructor

SOC 491 (1-4) INDEPENDENT STUDIES IN SOCIOLOGY

An intensive study of selected issues. A plan for the study must be approved by instructor and department chair. May be repeated for up to a total of six units.

Prerequisite: Consent of instructor.

SOCIAL WORK COURSES

Upper-Division

SWK 303 (3) INTRODUCTION TO SOCIAL WORK

An historical and contemporary view of the profession of social work within the field of social welfare: the values, the ethical standards, the knowledge base, and the social welfare programs and services where social workers practice. Offered fall.

SWK 330 (3) SOCIAL WELFARE POLICY

A study of private and public programs and services that make up the American welfare system. A study of policy analysis and development with focus on the needs of special populations. Offered spring.
Prerequisite: Social Work 303 or consent of instructor.

SWK 340 (3) CHILD WELFARE

Analysis of the effects of family breakdown with special emphasis on children of divorce, singleparent families, HIV and drug-exposed children, children of minorities, and children of poverty. Offered fall.

SWK 365 (3) HUMAN BEHAVIOR IN THE SOCIAL ENVIRONMENT

As generalists in the practice of social work the entry-level professional social worker is assisted in the organization of knowledge by a social systems approach. Systems examined include individual development across the life span, families, large and small groups, neighborhoods, communities, and organizations. Offered spring.

SWK 370 (3) SOCIAL WORK PRACTICE I

A study of the theories and methods of professional social work practice. Focus is upon generalist practice with individuals, families, and small groups. Offered fall.
Prerequisite: Social Work 303.

SWK 371 (3) SOCIAL WORK PRACTICE II

A study of the theories and methods of professional social work practice with large groups, organizations, neighborhoods, communities, and governments. Offered spring.
Prerequisite: Social Work 370 or consent of instructor.

SWK 470 (4) SOCIAL WORK PRACTICUM I

Intended for seniors in social work. Students will be placed in approved social agencies, supervised by professional social workers. Entry-level practice placements include work with children, the aged, families, homeless and other special needs populations in a health, corrections, residential, community, or mental health settings. A student must complete a minimum of 200 hours of social work practice.
Prerequisite: Social Work 370 or consent of the Director of Social Work.

SWK 471 (4) SOCIAL WORK PRACTICUM II

Intended for seniors in social work only. The student completes a minimum of 200 hours in direct practice in an approved, supervised field setting.
Prerequisite: Social Work 470 or consent of the Director of Social Work.

SWK 472 (2) SEMINAR IN SOCIAL WORK I

Seminar for social work majors which integrates a liberal arts perspective with the professional social work foundation of knowledge, skills, and values. Students share field practicum experiences from the beginning phases of the social work process as a method of reinforcing their understanding of the professional social worker engaged in generalist practice. Offered fall.
Prerequisite: Prior or concurrent enrollment in Social Work 470.

SWK 473 (2) SEMINAR IN SOCIAL WORK II

Continuing seminar for social work majors only; continues the sharing of the practicum experience and concentrates on the later phases of the social work process. Offered spring.
Prerequisite: Prior or concurrent enrollment in Social Work 471.

SWK 490 (3) SELECTED TOPICS IN SOCIAL WORK

Selected topics of current interest in depth. May be repeated for up to a total of six units. Students wishing to earn more than six units must have consent of the department chair and the Vice Provost for Academic Administration.
Prerequisite: Consent of instructor.

SWK 491 (1-4) INDEPENDENT STUDIES IN SOCIAL WORK

An intensive study of selected issues. A plan for the study must be approved by the instructor and department chair. May be repeated for up to a total of six units.
Prerequisite: Consent of instructor.

THEOLOGY AND CHRISTIAN MINISTRY, SCHOOL OF

Purposes

- To help students appreciate and understand Christian history, theology, and spirituality from the perspective of the biblical, historical Christian faith;
- To create opportunities for students to apply and integrate classroom knowledge and principles to in-service training experiences in local churches, cross-cultural settings, and missions;
- To prepare students to pursue the study of philosophy, theology, or religion in a graduate school or seminary;
- To educate students to be "practical thinkers" and "thinking practitioners."

Tradition of Excellence

The School of Theology and Christian Ministry faculty is committed to Christian service and the Wesleyan heritage. It offers personal attention and programs geared toward preparing women and men for ministry in a variety of forms as well as for other professions. With approximately fifty denominations represented at Point Loma, students have the opportunity to learn the similarities and differences between the major denominations and traditions within the Christian faith. The faculty of the School of Theology and Christian Ministry is diverse in educational background, with degrees from leading seminaries and universities across the country. Faculty members have published commentaries, dictionary articles, Christian life pieces, books, articles in national scholarly journals, and Christian education booklets. All professors are members in academic societies in fields of study. Outside the classroom, the faculty are committed members of local congregations and often spend weekends preaching, teaching Sunday school, or speaking at camps and retreats.

Career Opportunities

Many of our students go directly into Christian ministry or other professions; others go on to graduate school. The School is proud of the acceptance rate of its alumni into a variety of graduate programs and law schools across the United States. To assist those entering Christian ministry of all sorts, "hands-on" internships in local churches are available. Also, six semester units can be earned through the summer ministries program by working in a local church, urban mission, or summer camp.

Majors

Biblical Studies
Christian Ministry

- Youth Ministry

Philosophy
Philosophy and Theology

Minors

Children's Ministry
Philosophy
Youth Ministry

Courses

Bible
Biblical Languages
Church History
Christian Ministry
Philosophy
Theology

Faculty

Mark G. Bilby, M.Div., Visiting
Nazarene Theological Seminary

Brad E. Kelle, Ph.D.
Emory University

Michael E. Lodahl, Ph.D.
Emory University

Thomas E. Phillips, Ph.D.
Southern Methodist University

Samuel M. Powell, Ph.D., Dean
Claremont Graduate School

Stephen H. Rodeheaver, M.Div., Visiting
Nazarene Theological Seminary

Heather K. Ross, M.A.
De Paul University

Norman V. Shoemaker, D.Min.
Nazarene Theological Seminary

Robert W. Smith, D.Min.
Fuller Theological Seminary

Robert J. Thompson, Ph.D.
University of Oklahoma

John W. Wright, Ph.D.
University of Notre Dame

BIBLICAL STUDIES MAJOR

LOWER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
BIB 101	Old Testament History and Religion	2
BIB 102	New Testament History and Religion	3
BIB 240	Interpreting the Bible	3
THE 250	Foundations of Christian Theology I	3

Either:

BLA 205	Essentials of Hebrew I	4
BLA 206	Essentials of Hebrew II	4
OR		
BLA 207	Essentials of Greek I	3
BLA 208	Essentials of Greek II	3
BLA 337	Exegesis of Greek New Testament	3
LOWER-DIVISION TOTAL		19-20

UPPER DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
BIB 307	Biblical Theology	4
BIB 495	Seminar in Biblical Literature	3
CHU 484	Ancient and Medieval Christianity	3
CHU 485	Modern Christianity	3
CMI 300	Preaching	3

Four courses from the following:

BIB 301	Jesus And The Synoptic Gospels	3
BIB 302	Early Christianity In Paul's Churches	3
BIB 314	The Old Testament Prophets	3
BIB 378	Old Testament Poetry And Wisdom	3
BIB 403	Johannine Literature	3
BIB 404	The Catholic Letters	3
BIB 413	Old Testament Narrative And Law	3
BIB 477	The Literature Of Second Temple Judaism	3
BIB 480	Rhetorical Interpretation of The New Testament	3
UPPER-DIVISION TOTAL		28
MAJOR TOTAL		47-48

CHRISTIAN MINISTRY MAJOR

LOWER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
BIB 101	Old Testament History and Religion	2
BIB 102	New Testament History and Religion	3
CHU 104	Nazarene Church History and Polity	3
[required only for members of the Church of the Nazarene]		
CMI 150	Introduction to Ministry	2
CMI 160	Introduction to Christian Education	2
PHL 201	Introduction to Philosophy	3
THE 250	Foundations of Christian Theology I	3

Either:

BLA 205	Essentials of Hebrew I	4
BLA 206	Essentials of Hebrew II	4
OR		
BLA 207	Essentials of Greek I	3
BLA 208	Essentials of Greek II	3
BLA 337	Exegesis of Greek New Testament	3
TOTAL		26-27

UPPER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
BIB 307	Biblical Theology	4
CHU 395	The Christian Tradition	3
CMI 300	Preaching	3
CMI 320	Administration and Leadership	2
CMI 330	Pastoral Care and Counseling	2
CMI 350	Evangelism and Cross-Cultural Ministry	3
CMI 387	Internship	1-6
THE 350	Foundations of Christian Theology II	3
THE 450	Doctrine of Holiness	3
TOTAL		24-29

Concentration: Youth Ministry

LOWER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
BIB 101	Old Testament History and Religion	2
BIB 102	New Testament History and Religion	3
CHU 104	Nazarene Church History and Polity	3

[required only for members of the Church of the Nazarene]

CMI 150	Introduction to Ministry	2
CMI 160	Introduction to Christian Education	2
CMI 210	Introduction to Youth Ministry	3
CMI 220	Youth Ministry and Contemporary	3
PHL 201	Introduction to Philosophy	3
THE 250	Foundations of Christian Theology I	3

Either:

BLA 205	Essentials of Hebrew I	4
BLA 206	Essentials of Hebrew II	4
OR		
BLA 207	Essentials of Greek I	3
BLA 208	Essentials of Greek II	3
BLA 337	Exegesis of Greek New Testament	3
TOTAL		35-36

UPPER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
BIB 307	Biblical Theology	4
CHU 395	The Christian Tradition	3
CMI 300	Preaching	3
CMI 320	Administration and Leadership	2
CMI 330	Pastoral Care and Counseling	2
CMI 350	Evangelism and Cross-Cultural Ministry	3
CMI 387	Internship	1-6
THE 350	Foundations of Christian Theology II	3
THE 450	Doctrine of Holiness	3
TOTAL		24-29

RECOMMENDED COURSES

COURSE	TITLE	UNITS
PSY 308	Developmental Psychology-Birth through Adolescence	4
PSY 360	Human Sexuality	3
PSY 420	Moral Development and Christian Spirituality	3

Internship

Opportunity is provided for qualified majors to participate, for the equivalent of one semester, in a full-time practical experience in a local church. Each intern is under the joint supervision of a local pastor and university faculty. The internship normally is taken during the summer between the junior and senior years and either the preceding or following semester.

Up to six units of credit in Christian Ministry 387 for the practicum experience are available. In addition, up to six units of regular course credit may be taken concurrently.

To be eligible for consideration in the Christian Ministry internship program the student must have completed or have in progress the following:

- All lower-division requirements in the School of Theology and Christian Ministry;
- One year of biblical language;

- Bible 307 and Theology 306;
- One advanced course in Theology or Church History, preferably Church History 395.

Application forms may be obtained from the Dean of the School.

Summer Ministries

This program involves qualified students of Point Loma Nazarene University in summer work at churches and youth camps throughout the Southwest Educational region of the sponsoring denomination or in summer ministries programs of the General Church of the Nazarene. Students may earn up to six units of course credit in Christian Ministry 387.

Institute of Holy Land Studies

Point Loma Nazarene University is associated with the Institute of Holy Land Studies (a division of Jerusalem University College) in Jerusalem, Israel. Undergraduate courses, on the junior or senior level, or graduate courses may be taken in Israel and transferred to PLNU. Inquiries can be made to the Institute at 4249 E. State Street, Suite 203, Rockford, Illinois 61108.

PHILOSOPHY MAJOR

The discipline of philosophy, the critical inquiry into the structure of reality, knowledge, and values, seeks to clarify and explicate the presuppositions and implications of various interpretations of human experience.

The purposes of the Philosophy major are:

- To develop critical and creative thinking, soundness of argument, clarity of thought, and precision in expression;
- To cultivate a critical appreciation of the enduring questions constituting the philosophical heritage;
- To explore the relation between philosophical and religious thought; and
- To prepare students for graduate study.

LOWER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
PHL 201	Introduction to Philosophy	3
PHL 277	Logic	2
	LOWER-DIVISION TOTAL	5

UPPER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
PHL 301	History of Western Philosophy I	3
PHL 302	History of Western Philosophy II	3

Twenty-one additional units in Philosophy

UPPER-DIVISION TOTAL 27

MAJOR TOTAL 32

RECOMMENDED

Greek, German, or French should be used to fulfill the general education foreign language requirement.

PHILOSOPHY AND THEOLOGY MAJOR

Graduate theological education presumes broad learning across the curriculum with a concentration in a particular area. The major in Philosophy and Theology aims to prepare the student for graduate education by:

- Introducing the student to philosophy and theology as intellectual disciplines;
- Initiating the student into the central documents, beliefs, and practices of the Christian faith, both historical and contemporary; and
- Providing flexibility to supplement the major with courses in complementary disciplines with the possibility of concentrated study in one area of interest.

LOWER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
BIB 101	Old Testament History and Religion	2
BIB 102	New Testament History and Religion	3
PHL 201	Introduction to Philosophy	3
THE 250	Foundations of Christian Theology	3
LOWER-DIVISION TOTAL		11

UPPER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
BIB 307	Biblical Theology	4
CHU 395	The Christian Tradition	3
THE 450	Doctrine of Holiness	3

An additional 15 upper-division units in the School of Theology and Christian Ministry. (May not include Biblical Languages 337 or Christian Ministry 387.) At least 6 of these 15 units must be in Philosophy courses (other than Philosophy 351).

UPPER-DIVISION TOTAL	25
MAJOR TOTAL	36

The H. Orton Wiley Chair of Theology

For many years, Point Loma Nazarene University has benefitted from a succession of distinguished scholars as teachers in the field of Christian theology. These include A.M. Hills, Olive M. Winchester, and H. Orton Wiley. The creative and scholarly work of these persons made a distinct contribution to modern theology in the Wesleyan-Arminian tradition. To continue this tradition of scholarship, the H. Orton Wiley Chair of Theology was created in 1967. Scholars selected to fill this position have been Ross E. Price, Westlake T. Purkiser, and Herbert L. Prince.

CHILDREN'S MINISTRY MINOR

A minor is available to all students pursuing a degree who wish to qualify for full or part-time ministry to children.

LOWER-DIVISION REQUIREMENTS

COURSE TITLE	UNITS
CMI 150 Introduction to Ministry	2
CMI 200 Christian Education of Children	3
FCS 120 Child and Adolescent Development	3
LOWER-DIVISION TOTAL	8

UPPER-DIVISION REQUIREMENTS

COURSE TITLE	UNITS
BIB 307 Biblical Theology	4
THE 331 Christian Ethics	3
OR three units in upper-division Bible	
FCS 420 Child Development in the Family and Community	4
<i>Three additional upper-division units in Christian Ministries</i>	
UPPER-DIVISION TOTAL	14
MINOR TOTAL	22

RECOMMENDED

COURSE TITLE	UNITS
FCS 310 Early Childhood Education	4
FCS 460 Administration and Supervision in Early Childhood Education	4
FCS 470 Practicum in Child Development	3
<i>Additional courses in the School of Theology and Christian Ministry.</i>	

PHILOSOPHY MINOR

LOWER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
PHL 201	Introduction to Philosophy	3
LOWER-DIVISION TOTAL		3

UPPER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
PHL 301	History of Western Philosophy I	3
PHL 302	History of Western Philosophy II	3

*Eight to nine additional upper-division units in
Philosophy.*

UPPER-DIVISION TOTAL	14-15
MINOR TOTAL	17-18

Note: At least nine units must be taken in courses that are not used for the student's major. At least 12 units must be upper-division.

YOUTH MINISTRY MINOR

A minor is available to all students pursuing a degree who wish to prepare for full or part-time ministry to youth.

LOWER-DIVISION REQUIREMENTS

COURSE TITLE	UNITS
CMI 150 Introduction to Ministry	2
CMI 210 Introduction to Youth Ministry	3
CMI 220 Youth Ministry in Contemporary Culture	3
LOWER-DIVISION TOTAL	8

UPPER-DIVISION REQUIREMENTS

COURSE TITLE	UNITS
BIB 307 Biblical Theology	4
THE 331 Christian Ethics OR three units in upper-division Bible	3
CMI 387 Internship	3
PSY 308 Developmental Psychology -- Birth Through Adolescence	4
UPPER-DIVISION TOTAL	14
MINOR TOTAL	22

RECOMMENDED

COURSE TITLE	UNITS
CMI 300 Preaching	3
CMI 350 Evangelism and Missions	3
CMU 314 Music and Worship	3
OR	
CMU 433 Hymnology	3

BIBLE COURSES

Lower-Division

BIB 101 (2) OLD TESTAMENT HISTORY AND RELIGION–GE

Within the context of the history of Israel, an overview of the literature of the Old Testament with special attention to its literary history and theological themes. Offered fall, spring, and summer.

BIB 102 (3) NEW TESTAMENT HISTORY AND RELIGION–GE

Within the context of Christian origins, an overview of the canonical literature of the New Testament with special attention to its literary history and theological themes. Offered fall, spring, and summer.

BIB 240 (3) INTERPRETING THE BIBLE

This course introduces the student to the disciplines of biblical interpretation that have been employed from the period of early Jewish and Christian exegesis through the burgeoning of modern and postmodern approaches to the biblical literature. Serving as an extension of and transition from the introductory courses in biblical literature, this course provides the student with more advanced exegetical skills, methods, and techniques to apply in academic and pastoral study of the Bible. Emphasis is given to the methods and tools needed for such study. The course intentionally takes account of both traditional and non-traditional methods of reading the biblical literature.

Prerequisites: Bible 101 and Bible 102.

Upper-Division

BIB 301 (3) JESUS AND THE SYNOPTIC GOSPELS

A study of the origins, content, and theological perspectives of the synoptic Gospels.

Prerequisite: Bible 102.

BIB 302 (3) EARLY CHRISTIANITY IN PAUL'S CHURCHES

A study of the presentation of Paul in the Acts of the Apostles, the theology of Paul, and the Pauline literature.

Prerequisite: Bible 102.

BIB 307 (4) BIBLICAL THEOLOGY

A study of the major theological themes of the Christian Scriptures in relation to Christian faith and practice.

Prerequisite: Bible 101 or 102.

BIB 314 (3) THE OLD TESTAMENT PROPHETS

A study of the prophetic phenomena in the Old Testament, setting each book in its historical and canonical context.

Prerequisite: Bible 101.

BIB 378 (3) OLD TESTAMENT POETRY AND WISDOM

A study of the development of wisdom literature from its ancient Near Eastern antecedents to second century Judaism and Christianity.

Prerequisite: Bible 101.

BIB 403 (3) JOHANNINE LITERATURE

A study of the Johannine literature (Gospel, Letters, and Apocalypse) in relation to its social setting and content, and its theological significance of the development of early Christianity.

Prerequisites: Bible 101, 102, 240.

BIB 404 (3) THE CATHOLIC LETTERS

A study of Hebrews, James, 1 Peter, 2 Peter, and Jude in their early Christian setting.

Prerequisites: Bible 101, 102, 240.

BIB 413 (3) OLD TESTAMENT NARRATIVE AND LAW

An exegetical and theological study of Old Testament narrative and legal materials (Pentateuch, Deuteronomistic History, various writings) that introduces their basic content, movement, context, and significance. Attention also is paid to biblical and archaeological data related to the origins of Israel and its literature.

Prerequisites: Bible 101, 102, 240.

BIB 477 (3) THE LITERATURE OF SECOND TEMPLE JUDAISM

A study of selected literature and themes in the period of second temple Judaism such as the Dead Sea Scrolls and apocalyptic literature.

Prerequisites: Bible 101, 102, 240.

BIB 480 (3) RHETORICAL INTERPRETATION OF THE NEW TESTAMENT

Using texts from all the major genres of the New Testament, seeks to understand the message and

persuasive techniques used by the authors.
Pre-requisites: Bible 101, 102, 240.

BIB 490 (1-3) SPECIAL STUDIES IN BIBLE

An investigation of a topic in biblical studies not otherwise covered in the curriculum. May be repeated to a total of six units.

Prerequisite: Consent of the dean of the School of Theology and Christian Ministry.

BIB 495 (3) SEMINAR IN BIBLICAL LITERATURE

Advanced study in a topic in Bible. May be repeated up to a total of 6 units.

Prerequisites: Bible 101, 102, either Biblical Languages 205, 206 or 207, 208 and 337, and permission of instructor.

BIBLICAL LANGUAGES COURSES

Lower-Division

BLA 205, 206 (4,4) ESSENTIALS OF HEBREW I, II—GE

An introductory study of the syntax and vocabulary of biblical Hebrew, with Old Testament readings along with an introduction to the tools and methods of exegesis.

BLA 207, 208 (3,3) ESSENTIALS OF GREEK I, II—GE

A linguistic approach to the language of the New Testament providing students with sufficient knowledge to read selected passages from the Greek New Testament with the use of a grammar and lexicon.

Upper-Division

BLA 337 (3) EXEGESIS OF GREEK NEW TESTAMENT I—GE

Methodologies for the exegesis of the Greek New Testament with attention to continued reading of the text and advanced grammar and syntax.

Prerequisites: Biblical Language 207 and 208.

BLA 490 (1-3) SPECIAL STUDIES IN BIBLICAL LANGUAGES

Readings in Greek or Hebrew for the advanced student in biblical languages. May be repeated up to four units credit in each language.

Prerequisites: Consent of the dean of the School of Theology and Christian Ministry and either Biblical Languages 337 OR 205, 206.

CHURCH HISTORY COURSES

Lower-Division

CHU 104 (3) NAZARENE CHURCH HISTORY AND POLITY

A study of the history, polity, articles of faith and *Manual* of the Church of the Nazarene. Attention is given to the importance of women and ethnic issues in ministry.

Upper-Division

CHU 395 (3) THE CHRISTIAN TRADITION—GE

A historical survey of the ideas, practices, and institutions of Christianity from the end of the New Testament period to the present, with attention to the Wesleyan-Arminian tradition. Offered every semester.

Prerequisite: Bible 101 or 102.

CHU 484 (3) ANCIENT AND MEDIEVAL CHRISTIANITY—GE

A study of the Christian Church from its beginnings to the Protestant Reformation.

Prerequisite: Bible 101 or 102.

CHU 485 (3) MODERN CHRISTIANITY—GE

A study of the Christian church since the Protestant Reformation, with consideration of American Christianity from its European background to the present.

Prerequisite: Bible 101 or 102.

CHU 490 (1-3) SPECIAL STUDIES IN CHURCH HISTORY

Study of a topic in church history not otherwise covered in the curriculum. May be repeated to a total of six units.

Prerequisite: Consent of the dean of the School of Theology and Christian Ministry.

CHU 496 (2) SEMINAR IN CHURCH HISTORY

Advanced study in one or more areas of church history. Designed to function also as a graduate level elective. May be repeated once to a total of four units.

Prerequisite: Consent of instructor.

CHRISTIAN MINISTRY COURSES

Lower-Division

CMI 150 (2) INTRODUCTION TO MINISTRY

An orientation course for those contemplating special areas of Christian service, providing insight into ministry from biblical thought, church history, theology, and contemporary Christian movements. Attention is given to the importance of women and ethnic issues in ministry.

CMI 160 (2) INTRODUCTION TO CHRISTIAN EDUCATION

An introduction to the skills and knowledge required to organize a Christian education program in the local church.

CMI 200 (3) CHRISTIAN EDUCATION OF CHILDREN

An introduction to the spiritual needs and development of the child; emphasis on the use of methods at specific age levels and the administration of the program for children.

Prerequisites: Christian Ministry 150 and Bible 101 or 102.

CMI 210 (3) INTRODUCTION TO YOUTH MINISTRY

A study of the characteristics and spiritual needs of youth, practical factors involved with youth ministry, including resources for programming and discipleship.

Prerequisites: Christian Ministry 150 and Bible 101 or 102.

CMI 220 (3) YOUTH MINISTRY IN CONTEMPORARY CULTURE

An in-depth analysis of issues facing contemporary youth, with an examination of leadership models and appropriate methods to facilitate effective week to week ministry with youth.

Prerequisites: Christian Ministry 150 and Bible 101 or 102.

Upper-Division

CMI 300 (3) PREACHING

An introduction to the preparation and delivery of sermons. Includes laboratory experience.

Prerequisites: Communication 100, Christian Ministry 150, and Theology 250.

CMI 320 (2) ADMINISTRATION AND LEADERSHIP

An introduction to the organizational skills and knowledge required in the pastoral ministry.

Prerequisites: Christian Ministry 150 and Theology 250.

CMI 330 (2) PASTORAL CARE AND COUNSELING

A study of pastoral care and leadership and their biblical, historical and theological foundations in relation to their contemporary expressions.

Prerequisites: Christian Ministry 150 and Theology 250.

CMI 350 (3) EVANGELISM AND CROSS-CULTURAL MINISTRY

A study of the biblical, historical and theological foundations of evangelism, missions, and church growth in relation to their contemporary expressions.

Prerequisites: Christian Ministry 150 and Theology 250.

CMI 387 (1-4) INTERNSHIP

Supervised training in ministry, designed to help the student correlate classroom experiences with the practice of ministry. May be repeated up to a total of six units. Graded Credit/No Credit.

Prerequisites: Bible 101 or 102 and consent of instructor.

CMI 400 (3) CHRISTIAN WORSHIP

A study of the practice of worship and its biblical, historical and theological foundations in relation to its contemporary expressions, with special attention to the sacraments, Christian rituals, and the liturgical year.

Prerequisites: Christian Ministry 150 and Theology 250.

CMI 490 (1-3) SPECIAL STUDIES IN CHRISTIAN MINISTRY

An investigation of a topic in Christian ministries not otherwise covered in the curriculum. May be repeated to a total of six units.

Prerequisite: Consent of the dean of the School of Theology and Christian Ministry.

PHILOSOPHY COURSES

Lower-Division

PHL 201 (3) INTRODUCTION TO PHILOSOPHY–GE

A historical survey of selected philosophical ideas, systems, and methods, especially as these have developed in Western civilization.

PHL 211 (3) ETHICS–GE

The study of right and wrong in principle, character, and conduct; practical moral issues analyzed from the basis of sound moral theory; characteristics of an adequate, consistent code of ethics.

PHL 277 (2) LOGIC

A study of the logical appraisal of arguments with attention given to formal and informal fallacies. Offered 2008-09.

Upper-Division

PHL 301 (3) HISTORY OF WESTERN PHILOSOPHY I

Designed to examine developments in Western philosophy with an emphasis on ancient Greek and medieval philosophies with readings from significant and representative texts of the eras.

Prerequisite: Philosophy 201.

PHL 302 (3) HISTORY OF WESTERN PHILOSOPHY II

Designed to examine developments in Western philosophy with an emphasis on modern philosophy from Descartes through 19th century thought with readings from significant and representative texts of the era.

Prerequisite: Philosophy 201.

PHL 303 (3) HISTORY OF PHILOSOPHY III

Designed to examine developments in Western philosophy with an emphasis on modern philosophy since Kierkegaard with readings from significant and representative texts of the era.

Prerequisite: Philosophy 201.

PHL 311 (4) EUROPEAN INTELLECTUAL HISTORY

Seminar study of the intellectual history of Europe from the 1780's through the end of the 19th century. Readings analyze the rise of the national intellectual traditions in England and on the Continent, including Rousseau, Kant, Hegel, Schopenhauer, Mill, Nietzsche, Freud and others. Emphasis on the rise of philosophical irrationalism within the context of post-Enlightenment thought. Also listed as History 311.

Prerequisite: Philosophy 201.

PHL 321 (3) SOCIAL PHILOSOPHY

The emergence and development of social philosophy, with consideration given to Critical Theory, Heidegger, Post-Structuralism, and feminist thought. Also crosslisted as Sociology 321.

Prerequisite: Philosophy 201.

PHL 341 (3) PHILOSOPHY OF ART

Classical and recent theories of beauty and art, with selected coverage of such concepts as aesthetics, expression, representation and criticism.

Prerequisite: Philosophy 201.

PHL 351 (3) ASIAN PHILOSOPHIES AND RELIGIONS

Treatment of the leading ideas and philosophical developments of Asian philosophies and of the beliefs and practices of Asian religious traditions.

Prerequisite: Philosophy 201.

PHL 361 (3) CONTINENTAL PHILOSOPHY

An examination of key texts within the continental tradition of philosophy with a focus upon both the (historical) genealogy of continental thought and its primary figures and topics in 20th century and contemporary thought.

Prerequisite: Philosophy 201.

PHL 371 (3) PHILOSOPHY AND EDUCATION

An examination of significant works in the philosophical tradition from ancient Greek to contemporary texts that deal explicitly with the topics of education and pedagogy.

Prerequisite: Philosophy 201.

PHL 451 (3) RELIGION AND SCIENCE

A philosophical and historical examination and assessment of the interaction between scientific and religious ideas, focusing on cosmology and evolutionary thought in the last four centuries.

Prerequisites: History 110, 111, and Philosophy 201.

PHL 461 (3) PHILOSOPHY OF RELIGION

A philosophical examination of the nature of religion, the existence of God, faith and reason, religious experience, evil, and religious language.

Prerequisite: Philosophy 201.

PHL 490 (1-3) SPECIAL STUDIES IN PHILOSOPHY

An investigation of a topic in philosophy not otherwise covered in the curriculum. May be repeated to a total of six units.

Prerequisite: Consent of the dean of the School of Theology and Christian Ministry.

PHL 491 (3) SEMINAR IN PHILOSOPHY

A study of one or more philosophers or philosophical traditions. May be repeated once for a total of six units.

Prerequisite: Philosophy 201.

THEOLOGY COURSES

Lower-Division

THE 250 (3) FOUNDATIONS OF CHRISTIAN THEOLOGY I

An introduction to Christian theology, to research methods and to theological bibliography. Examination of the Christian doctrines of God, creation, sin, Christ and the atonement.

Prerequisites: Philosophy 201 and either Bible 101 or 102.

Upper-Division

THE 300 (3) RELIGIONS OF THE WEST

A study of non-Christian religions of the Western world, especially Judaism and Islam, and of important aspects of religion such as myth, ritual, belief, and law.

Prerequisites: Bible 101, 102, and Philosophy 201.

THE 306 (3) THE LIFE OF HOLINESS—GE

A study of the biblical foundations of the Holiness message, Wesleyan theological perspectives set in the context of the history of the Church, and the classic disciplines of spiritual formation.

Prerequisite: Bible 101 or 102.

THE 310 (3) WOMEN IN CHRISTIANITY—WS

A study of issues related to women in the Bible and Christianity, including women's spiritual biographies, the use of gender-inclusive language, the ordination of women into ministry, women in the Wesleyan/holiness tradition, and feminist and liberation theologies.

THE 331 (3) CHRISTIAN ETHICS

A study of Christian theories of ethics and of the ethical implications of the Christian faith for issues of contemporary importance such as medical ethics, sexuality, war and peace, ecology, and economics.

Prerequisites: Bible 101, 102, and Philosophy 201.

THE 350 (3) FOUNDATIONS OF CHRISTIAN THEOLOGY II

Examination of the Christian doctrines of the Holy Spirit, the Christian life, the church, and eschatology.

Prerequisites: Philosophy 201, either Bible 101 or 102, and Theology 250.

THE 450 (3) DOCTRINE OF HOLINESS

Examination of the doctrine of Holiness in its biblical and historical development.

Prerequisites: Philosophy 201, either Bible 101 or 102, and Theology 250.

THE 490 (1-3) SPECIAL STUDIES IN THEOLOGY

An examination of a topic in theology not otherwise studied in the curriculum. May be repeated to a total of six units.

Prerequisite: Consent of the dean of the School of Theology and Christian Ministry.

WOMEN'S STUDIES

The minor in Women's Studies affirms the equality and value of women in the university community and curriculum. Significant women in the Wesleyan/holiness movement have consistently contributed to Christian feminism as a central principle of academic and church life. Point Loma has developed a sequence of courses of interest to both women and men that examines important gender issues across a wide variety of academic fields, in light of the university's commitment to the Christian faith.

The minor in Women's Studies is for students who wish to complement study in another area with an interdisciplinary study of women's status and contribution to the world. The program consists of an introductory course, a capstone course, and a selection of applied topics courses at the upper-division level.

Minor

Women's Studies

Courses

WOMEN'S STUDIES MINOR

Graduation with a minor in Women's Studies requires the following lower-division and upper-division courses:

LOWER-DIVISION REQUIREMENTS

COURSE	TITLE	UNITS
POL 190	The Politics of Race, Class, and Gender	4

UPPER-DIVISION REQUIREMENTS

POL 330	The Development of Feminist Thought	4
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A minimum of nine units from:

THE 310	Women in Christianity	3
COM 312	Gender and Communication	3
ECO 440	Racial and Gender Issues in Economics and Education	2
FCS 340	Nutrition of Women's Well-Being	2
HIS 475	Topics in Women's History	4
LIT 437	Women Writers	3
NSG 446	Health of Women in a Multicultural World	3
NSG 447	Family Violence	3
POL 415	Women and Politics	4
	TOTAL	13

A two-unit departmental internship, agreed upon by the sponsoring department and the Director of Women's Studies, can apply to the minimum of nine additional units necessary for the minor.

WOMEN'S STUDIES COURSES

Lower-Division

POL 190 (4) THE POLITICS OF RACE, CLASS, AND GENDER

An introduction to politics, using an interdisciplinary approach to contemporary controversies surrounding issues of ethnicity, socioeconomic class and gender. This course includes historical, legal, and political perspectives. Offered every fall.

Upper-Division

COM 312 (3) GENDER AND COMMUNICATION

A study of how the self-perception of men and women evolves as a function of cultural influences and the differences and similarities in the way each uses communication patterns. Summers only.

ECO 440 (2) RACIAL AND GENDER ISSUES IN ECONOMICS AND EDUCATION

A study of social issues pertaining to race and gender in economics and education. The economic status of different races and genders is examined, and the impact of educational opportunity on races, genders and economic status are discussed. The extent to which discrimination inhibits educational opportunity and economic status is considered.

Prerequisite: Junior or Senior standing.

Recommended: Economics 102 or Education 300.

FCS 340 (2) NUTRITION OF WOMEN'S WELL-BEING

A survey of current evidence-based nutrition principles and guidelines corresponding to gender differences in health. Topics discussed include prevention of cardiovascular disease, diabetes, cancers, and osteoporosis in women as well as special needs in pregnancy/lactation, menopause and weight management. Computer applications. Offered every year.

HIS 475 (4) TOPICS IN WOMEN'S HISTORY

This seminar explores themes in the field of women's history. Women's roles and historical contributions, the context of gender relations, and methodologies of social and intellectual history are studied within a specific era or topic in American or World history.

LIT 437 (3) WOMEN WRITERS

Considers women writers from a specific chronological period from the Middle Ages up through the 20th century. The time period, themes and genres considered vary from year to year. The course focuses on questions related to gender, class, and race.

Recommended: Literature 250.

NSG 446 (3) HEALTH OF WOMEN IN A MULTICULTURAL WORLD

Explores the relationships between society, culture, environment, the health of women and the health care services women receive. The approach is global or international in perspective. Participants are expected to research their own cultural heritage and describe what impact this heritage has on personal health expectations and use of health care services in American society.

NSG 447 (3) FAMILY VIOLENCE

A course examining the incidence of a broad range of abuse and neglect in society. The course covers both physical and sexual abuse as well as neglect in children from birth to adolescence, date rape, spousal abuse, and abuse of the elderly. The course examines causes, assessment criteria, current treatment approaches, requirements for reporting, and long-term effects on children, families, and society.

POL 330 (4) DEVELOPMENT OF FEMINIST THOUGHT

A survey of the development of various strands of feminist thought, and engagement in current conversations within and about feminism.

POL 415 (4) WOMEN AND POLITICS

An examination of women's role in political life. The content includes analysis of gender as a legitimate category of political inquiry, gender-based social movements, women's political participation, and the impact of political systems and public policy on women.

THE 310 (3) WOMEN IN CHRISTIANITY

A study of issues related to women in the Bible and Christianity, including women's spiritual biographies, the use of gender-inclusive language, the ordination of women into ministry, women in the Wesleyan/holiness tradition, and feminist and liberation theologies.

BOARD OF TRUSTEES

The Board of Trustees serves as the governing board of the University. Numbering 40 persons, the Board is composed of an equal number of lay and clergy representatives from the twelve districts of the sponsoring denomination's Southwest Educational Region. The president of the University is a member ex-officio. The Board meets semiannually, in the fall of the year and again in the spring. Members of the Board who have received a degree from the University are noted by year.

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David D. Brown, Ph.D., 2004

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Professor Emeritus of Religion

Val J. Christensen, Ph.D., 1994

Professor Emeritus of Chemistry

James G. Crakes, Ph.D., 1994

Professor Emeritus of Physical Education

Dorothy E. Crummy, Ph.D., 2006

Professor Emerita of Nursing

William James DeSaegher, Ph.D., 2004

Professor Emeritus of Literature

Beryl R. Dillman, Ed.D., 1990

Professor Emeritus of Education

Clifford S. Fisher, D.Min., 1992

Professor Emeritus of Religion

Sandra B. Foster, M.S., 2008

Associate Professor Emerita of Family and Consumer Sciences

Ruth N. Grendell, D.N.Sc., 2000

Professor Emerita of Nursing

L. Paul Gresham, Ph.D., 1977

Professor Emeritus of History

Nancy M. Hardison, Ph.D., 1998

Professor Emerita of Business

Billy F. Hobbs, Ph.D., 1996

Professor Emeritus of Mathematics

Keith A. Holly, Ed.D., 2001

Professor Emeritus of Psychology

Sheila L. Holly, M.A., 2001

Assistant Professor Emerita of Education

James H. Jackson Sr., Ph.D., 1990

Professor Emeritus of Speech

Gerald E. Lashley, Ed.D., 2000

*Professor Emeritus of Mathematics
and Computer Science*

Patsy M. Livingston, M.A., 2005

Associate Professor Emerita of Kinesiology

Dean A. Marsh, D.A., 2004

Professor Emeritus of Computer Science and Business

Jerry W. McCant, Ph.D., 2006

Professor Emeritus of Religion

Cecil W. Miller, Ed.D., 1985

Professor Emeritus of Education

Jeanie S. Milliken, Ph.D., 2003

Professor Emerita of Education

James D. Newburg, M.S.L.S., 2006

Librarian Emeritus

Keith A. Pagan, D.Mus.Ed., 1998

Professor Emeritus of Music

John W. Pearson, C.P.A., M.A., 2003

Associate Professor Emeritus of Business

Herbert L. Prince, M.Div., D.D., 2005

Associate Professor Emeritus of Philosophy and Religion
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Professor Emeritus of Music

Ann T. Ruppert, M.L.S., 2004
Librarian Emerita

Esther O. Saxon, D.M.A., 1996
Professor Emerita of Music

Arthur F. Seamans, Ph.D., 2000
Professor Emeritus of Literature

Gene A. Shea, C.P.A., M.A., 2004
Associate Professor Emeritus of Accounting

Nelson F. Sheets, M.S.W., 1998
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Margaret R. Stevenson, Ed.D., 1999
Professor Emerita of Nursing

David L. Strawn, Ph.D., 2008
Professor Emeritus of Mathematics

Lewis R. Thompson, M.A., 1998
Associate Professor Emeritus of Education

Myron L. Tweed, D.M.A., 2000
Professor Emeritus of Music

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Professor Emeritus of Physics

Maxine E. Walker, Ph.D., 2008
Professor Emerita of Literature

Reuben R. Welch, B.D., D.D., 1990
Associate Professor Emeritus of Religion

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Professor Emeritus of Religion

Jerry C. Wilson, M.A., 2005
Assistant Professor Emeritus of Spanish

FULL-TIME FACULTY

With the exception of the President, the names of the faculty are arranged alphabetically. The year of the first appointment appears after each name. The appointments and academic rank indicated are for the current academic year.

Bob Brower, Ph.D. (1998)

President

Professor of Communication

B.A., Trevecca Nazarene College;

M.A., University of Cincinnati;

Ph.D., University of Kansas.

David A. Adey, M.F.A. (2003)

Assistant Professor of Art

B.A., Point Loma Nazarene University;

M.F.A., Cranbrook Academy of Art.

Senyo Adjibolosoo, Ph.D. (2000)

Professor of Economics

B.A., University of Ghana;

M.A., York University;

Ph.D., Simon Fraser University;

Ed.S., Point Loma Nazarene University.

Laura K. Amstead, Ed.D. (1998)

Professor of Education

B.A., Pasadena College;

M.A., University of La Verne;

Ed.S., Point Loma Nazarene College;

Ed.D., Northern Arizona University.

Dianne L. Anderson, Ph.D. (2005)

Professor of Biology

B.S., Northwest Nazarene College;
M.S., San Diego State University;
Ph.D., University of California, San Diego and
San Diego State University.

Theodore J. Anderson, Ph.D. (1986)

Professor of Kinesiology

A.B., Point Loma College;
M.Ed., College of Idaho;
Ph.D., Texas A & M University.

Jerry L. Arvin, M.S. (1994)

Assistant Professor of Physical Education

B.S., Greenville College;
M.S., Butler University.

Randolph M. Ataide, M.A., J.D. (2007)

Associate Professor of Business

Director, Fermanian Business Center

B.A., California State University, Fresno;
M.A., Mennonite Brethren Biblical Seminary;
J.D., San Joaquin College of Law.

Sue Crider Atkins, Ph.D. (2002)

Professor of Journalism

B.A., University of Missouri, Columbia;
M.A., Ph.D., University of Alabama, Tuscaloosa.

Margaret T. Bailey, Ph.D. (2000)

Vice Provost for Graduate Studies

Associate Professor of Business

B.A., California State University, Fresno;
M.B.A., University of California, Berkeley;
Ph.D., University of Southern California.

Nicole L. Baker, M.A. (2004)

Instructor in Athletic Training

B.A., Point Loma Nazarene University;
M.A., San Jose State University.

David C. Barrows, Ph.D. (1999)

Associate Professor of Sociology

B.A., University of California, Irvine;
M.A., California State University, Fullerton;
M.P.H., University of California, Berkeley;
Ph.D., University of California, San Francisco.

Paul R. Bassett, M.F.A., J.D. (1978)

**Professor of Communication and Theatre
Chair, Department of Communication
and Theatre**

A.B., Pasadena College;
M.F.A., Trinity University;
J.D., Southern Methodist University.

Linda M. Beail, Ph.D. (1994)

Professor of Political Science

Director, Margaret Stevenson Center for Women's Studies

B.A., Wheaton College;
Ph.D., University of Iowa.

Keith R. Bell, Ph.D. (1992)

Vice Provost for Academic Administration

Professor of Spanish

B.A., Eastern Nazarene College;
M.A., Texas Tech University;
Ph.D., University of Oklahoma.

Scott M. Bennett, Ph.D. (2007)

Assistant Professor of Spanish

B.A., San Diego State University;
M.A., San Diego State University;
Ph.D., University of California, Santa Barbara.

Mark G. Bilby, M.Div. (2007)

Visiting Assistant Professor of Religion

B.A., Point Loma Nazarene University;
M.A., Nazarene Theological Seminary
M.Div., Nazarene Theological Seminary.

Carol A. Blessing, Ph.D. (1993)

Professor of Literature

Chair, Department of Literature, Journalism, and Modern Languages

B.A., Messiah College;
M.A., California State University, Los Angeles;
Ph.D., University of California, Riverside.

Philip D. Bowles, Ph.D. (1980)

Professor of English

A.B., Trevecca Nazarene College;
M.A., Middle Tennessee State University;
Ph.D., Claremont Graduate School and San
Diego State University.

Leanne T. Burke, M.S. (2006)

Assistant Professor of Nursing

B.S., University of San Francisco;
M.S., San Diego State University.

Don A. Burnard, Ed.D. (1998)

Associate Professor of Education

Director, Bakersfield Regional Center

B.S., LaVerne University;
M.A., California State University, Bakersfield;
Ed. D., Regent University.

Jongbok Byun, Ph.D. (2004)

Associate Professor of Information Systems

B.A., Sogang University, Seoul, Korea;
M.S., The Graduate School of Sogang University;
Ph.D., Claremont Graduate University.

Rita R. Callahan, M.S. (2006)

Associate Professor of Nursing

B.S.N., San Diego State University;
M.S., University of Phoenix, San Diego.

Lorinda J. Carter, Ph.D. (2002)

**Professor of Mathematics and
Computer Science**

B.A., Point Loma Nazarene University;
M.S., California State University, Northridge;
Ph.D., University of California, San Diego.

Elizabeth A. Chamberlain, M.A. (2007)

Assistant Professor of Education

B.A., Point Loma Nazarene University;
M.A., Point Loma Nazarene University.

Sara Yu Choung, Ph.D. (2004)

Associate Professor of Chemistry

B.S., Massachusetts Institute of Technology;
Ph.D., University of California, Berkeley.

Conni C. Cintas, Ed.D. (2007)

Associate Professor of Education

B.A., University of San Diego;
M.Ed., University of San Diego;
Ed.D., University of La Verne.

William P. Clemmons, Ph.D. (1996)

Professor of Music

B.M., University of Louisville;
M.A., Queens College;
Ph.D., City University of New York.

Mary E. Conklin, Ph.D. (1993)

Professor of Sociology

A.B., M.A., State University of New York, Binghamton;
Ph.D., Johns Hopkins University.

Diana Reynolds Cordileone, Ph.D. (1998)

Professor of History

B.A. San Diego State University;
M.A., Ph.D., University of California, San Diego.

Steven C. Cosentino, M.B.A. (2004)

Associate Professor of Accounting

B.A., Point Loma College;
M.B.A., San Diego State University.

Catherine L. Crockett, Ph.D. (2008)

Assistant Professor of Mathematics

B.S., California State Polytechnic University
M.S., California State Polytechnic University
Ph.D., University of California, Riverside.

Gregory D. Crow, Ph.D. (1992)

Professor of Mathematics

B.A., MidAmerica Nazarene College;
M.S., Ph.D., University of Notre Dame.

Carolyn Kay Croy, Ed.D. (2007)

Associate Professor of Education

B.A., MidAmerica Nazarene University;
M.Ed., MidAmerica Nazarene University;
Ed.D., University of Missouri, Kansas City.

Daniel A. Croy, Ed.D. (2002)

Professor of Business

B.S., MidAmerica Nazarene University;
M.A., University of Northern Colorado;
Ed.D., Vanderbilt University.

David E. Cummings, Ph.D. (2004)

Associate Professor of Biology

B.A., Point Loma Nazarene University;
M.S., Ph.D., University of Idaho.

Kathleen C. Czech, Ed.D. (2001)

Associate Professor of Communication

B.S., Northern Arizona University;
M.A., University of Nevada, Reno;
Ph.D., University of San Diego.

Ann E. Davis, M.Ed. (2004)

Assistant Professor of Kinesiology

B.A., Washington State University;
M.Ed., National University.

Kara S. deFreitas, M.A. (2007)

Visiting Assistant Professor of English

B.A., California State University, Chico;
M.A., California State University, Chico.

- Robert C. Elson**, Ph.D. (2003)
Associate Professor of Biology
 B.S., Ph.D., University of Cambridge, England.
- Donald S. Evans**, B.S. (1997)
Visiting Instructor in Mathematics
 B.S., Stanford University.
- Darrel R. Falk**, Ph.D. (1988)
Professor of Biology
Chair, Department of Biology
 B.Sc., Simon Fraser University;
 Ph.D., University of Alberta.
- Rebecca J. Flietstra**, Ph.D. (1997)
Professor of Biology
 B.A., Calvin College;
 Ph.D., University of Kansas Medical Center.
- Gordon L. Forward**, Ph.D. (1995)
Professor of Communication
 B.A., Eastern Nazarene College;
 M.Div., Nazarene Theological Seminary;
 M.A., Emerson College;
 Ph.D., The Ohio State University, Columbus.
- Ben E. Foster**, M.A. (1968)
Associate Professor of Kinesiology
 A.B., Pasadena College;
 M.A., San Diego State University.
- Phyllis E. Fox**, M.L.S. (1997)
Librarian, Assistant Professor
 B.A., Point Loma Nazarene College;
 M.L.S., University of California, Los Angeles.
- Douglas L. Fruehling**, M.L.S. (1992)
Librarian, Assistant Professor
 B.S., Olivet Nazarene University;
 M.L.S., Kent State University.
- Kerry D. Fulcher**, Ph.D. (1993)
Dean, College of Arts and Sciences
Professor of Biology
 A.B., Northwest Nazarene College;
 Ph.D., University of Idaho.
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Assistant Professor of Business
Director, Armenian Center for International Development
 B.A., Eastern Nazarene College;
 M.Div., Nazarene Theological Seminary.
- Susan E. Ganz**, Ph.D. (1997)
Professor of Kinesiology
 B.A., Azusa Pacific University;
 M.S., Austin Peay State University;
 Ph.D., University of New Mexico.
- James F. Gates**, Ph.D., (2001)
Associate Professor of Sociology
Director, Center for Justice and Reconciliation
 B.A., Eastern Nazarene College;
 M.Div., Nazarene Theological Seminary;
 Ph.D., University of Florida.
- Shirlee M. Gibbs**, Ed.D. (2005)

Professor of Education

B.S., M.Ed., University of Toledo;
Ed.Spec., Point Loma College;
Ed.D., Northern Arizona University.

Clark F. Greer, Ph.D. (2007)

Associate Professor of Communication

B.A., Los Angeles Baptist College;
M.A., University of Southern California;
M.Div., Northwest Baptist Seminary;
Ph.D., Bowling Green State University.

Timothy M. Hall, Ed.D. (2008)

Assistant Professor of Kinesiology

B.A., Eastern Nazarene College
M.A., Point Loma Nazarene University
Ed.D., Alliant International University.

Jill Hamilton-Bunch, Ph.D. (2002)

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B.A., Point Loma Nazarene University;
M.A., Fresno Pacific University
Ph.D., University of California, Santa Barbara.

Carl T. Hammond, M.B.A. (2003)

Associate Professor of Accounting

B.S., University of Denver;
M.B.A., San Diego State University.

Eugene E. Harris, M.A. (1981)

Assistant Professor of Art

A.B., Fresno Pacific College;
M.A., San Diego State University.

Rebecca A. Havens, Ph.D. (1990)

**Dean, College of Social Sciences and
Professional Studies**

Professor of Economics

B.A., Point Loma College;
M.A., Ph.D., University of California, San Diego.

John W. Hawthorne, Ph.D (2006)

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Professor of Sociology

B.S., M.S., Ph.D., Purdue University.

Victor L. Heasley, Ph.D. (1963)

Professor of Chemistry

A.B., Hope College;
Ph.D., University of Kansas.

H. Ruth Toews Heinrichs, D.P.A. (2008)

Director, Institutional Effectiveness

Professor of Business

B.A., Fresno Pacific College
M.S., California State University, Fresno
D.P.A., University of La Verne

Richard A. Hill, Ph.D. (2000)

Professor of Writing

B.A., University of California, Santa Cruz;
M.F.A., University of Iowa;
Ph.D., University of Southwestern Louisiana.

Richard M. Hills, M.A. (1985)

Assistant Professor of Kinesiology

A.B., Point Loma College;
M.A., San Diego State University.

- Kimberly S. Hogelucht, M.A. (2006)**
Assistant Professor of Business
 B.A., Iowa State University;
 M.A., San Diego State University.
- Alan C. Hueth, Ph.D. (2002)**
Professor of Communication
 B.A., California State University, Chico;
 M.A., San Diego State University;
 Ph.D., University of Dayton.
- Cynthia G. Hurley, Ed.D. (2002)**
Associate Professor of Education
 B.A., California Polytechnic State University;
 M.A., California State University, Bakersfield;
 Ed.D., University of LaVerne.
- Holly M. Irwin-Chase, Ph.D. (1998)**
Professor of Psychology
Chair, Department of Psychology
 B.A., M.A., Ph.D., University of Louisville.
- Daniel S. Jackson, D.W.S. (2002)**
Professor of Music
 B.A., M.A., California State University, Fresno.
 D.W.S., Institute for Worship Studies.
- Daniel L. Jenkins, Ph.D. (2004)**
Professor of Psychology
 B.A., Pacific Christian College;
 Ph.D., Brigham Young University.
- Jesús Jiménez, Ph.D. (1992)**
Professor of Mathematics
 B.S., M.S., National Autonomous University of Mexico;
 Ph.D., University of Utah.
- John Craig Johnson, D.M.A. (2005)**
Associate Professor of Music
 B.S. Southern Nazarene University;
 M.M., University of Oklahoma;
 D.M.A., University of Southern California.
- James E. Johnson, Ed.D. (1991)**
Professor of Education
 B.A., M.A., Pasadena College;
 Ed.D., University of Southern California.
- Catherine S. Kay, M.S.N. (2008)**
Associate Professor of Nursing
 B.S.N., George Mason University
 M.S.N., University of Virginia.
- Brad E. Kelle, Ph.D. (2004)**
Associate Professor of Biblical Literature
 B.A., Trevecca Nazarene University;
 M.T.S., Emory University Candler School of Theology;
 Ph.D., Emory University.
- Rick A. Kennedy, Ph.D. (1995)**
Professor of History
 B.A., M.A., Ph.D., University of California,
 Santa Barbara.
- Paul S. Kenyon, D.M.A. (1990)**
Professor of Music
Chair, Department of Music

B.M., Mansfield University;
M.M., Bowling Green University;
D.M.A., Michigan State University.

Jaeyoon Kim, Ph.D. (2005)

Associate Professor of History

B.A., Chonnam National University, Korea;
M.A., San Diego State University;
Ph.D., University of Oregon.

Son Chae Kim, Ph.D. (2005)

Professor of Nursing

B.S., University of Washington;
M.S., Ph.D., University of San Diego.

Ronald B. Kirkemo, Ph.D. (1969)

Professor of Political Science

Director, Institute of Politics and Public Service

Director, Office of Distinguished Scholarships

A.B., Pasadena College;
M.A., Ph.D., American University.

Robin J. Kohl, Ed.D. (2007)

Associate Professor of Education

B.S., University of Illinois
M.A., Wheaton College
Ed.D., Northern Illinois University

Leon M. Kugler, Ph.D. (1978)

Professor of Kinesiology

Director, Athletic Training Program

A.B., Point Loma College;
M.A., California State University, Los Angeles;
Ph.D., University of Toledo.

Victor K. Labenske, D.M.A. (1987)

Professor of Music

B.A., Point Loma Nazarene College;
M.M., University of Missouri, Kansas City;
D.M.A., University of Southern California.

Carroll B. Land, Ph.D. (1962)

Professor of Kinesiology

Director of Athletics

A.B., Pasadena College;
M.S., Ph.D., University of Southern California.

G. Michael Leffel, Ph.D. (1992)

Professor of Psychology

B.A. Point Loma Nazarene College;
M.A., California State University, Long Beach;
Ph.D., University of Illinois, Champagne-Urbana.

Alain M. Lescart, Ph.D. (2005)

Associate Professor of French

M.A., University of Connecticut;
M.S., Eastern Nazarene College;
M.A., Faculté Universitaire de Théologie Protestante de Bruxelles;
Th.M., Académie de Versailles;
Ph.D., University of Connecticut.

Patricia M. Leslie, M.A. (1999)

Associate Professor of Sociology and Social Work

Director, Social Work Program

B.A., M.A., University of Chicago.

Andrea G. Liston, Ed.D. (2006)

Professor of Education

B.S., Western Illinois University;
M.S., University of San Diego;
Resource Specialist Certificate, San Diego State University
Ed.D., Argosy University.

Dwayne L. Little, Ph.D. (1973)

Professor of History

A.B., Trevecca Nazarene College;
M.A., Ph.D., University of Cincinnati.

Michael E. Lodahl, Ph.D. (1999)

Professor of Religion

B.A., Northwest Nazarene University;
M.Div., Nazarene Theological Seminary;
Ph.D., Emory University.

Lindsey J. H. Lupo, Ph.D. (2007)

Assistant Professor of Political Science

B.A., University of California, Santa Barbara;
M.A., University of California, Irvine;
Ph.D., University of California, Irvine.

Jeanne M. Maiden, Ph.D. (2006)

Associate Professor of Nursing

B.S., National University;
M.S., C.N.S., San Diego State University;
Ph.D., University of San Diego.

Kendall E. Mallory, Ph.D. (2006)

Associate Professor of Physics

B.A., Point Loma Nazarene University;
M.S., California State University, Fullerton;
M.S., Ph.D., University of California, Riverside.

Mark H. Mann, Ph.D. (2008)

Associate Professor

Director, Wesleyan Center for 21st Century Studies

B.A., Eastern Nazarene University;
M.Div., Boston University, School of Theology;
Ph.D., Boston University Graduate School.

Katherine D. Manning, M.A. (2008)

Visiting Instructor of English

B.A., Point Loma Nazarene University
M.A., University of Missouri.

Nicole A. Mareno, M.S.N. (2006)

Assistant Professor of Nursing

B.S., M.S.N., Point Loma Nazarene University.

Brenda J. Martin, M.Mus. (2007)

Visiting Associate Professor of Music

B.S., Trevecca Nazarene College;
M.Mus., Austin Peay State University;
M. Mus., Arizona State University.

Karl E. Martin, Ph.D. (1998)

Professor of Literature

B.A., Point Loma Nazarene College;
M.A., Ph.D., University of Minnesota.

Kenneth A. Martin, Ph.D. (1990)

Professor of Chemistry

Chair, Department of Chemistry

A.B., Point Loma College;
M.S., University of California, Davis;
Ph.D., University of Kansas/Wichita State University.

Enedina Martinez, Ed.D. (1994)

Professor of Education

B.A., National University;
M.S., United States International University;
Ed.S., Point Loma Nazarene College;
Ed.D., Northern Arizona University.

April L. Maskiewicz, Ph.D. (2007)

Assistant Professor of Biology

B.S., University of California, San Diego;
M.A., University of California, San Diego;
Ph.D., University of California, San Diego and
San Diego State University.

Kathryn G. McConnell, Ph.D. (1979)

Professor of Spanish

A.B., Pasadena College;
M.A., Boston College;
Ph.D., University of California, Los Angeles.

Michael R. McConnell, Ph.D. (1978)

Professor of Biology and Chemistry

A.B., Pasadena College;
Ph.D., Tufts University School of Medicine.

James H. McEliece, Ph.D. (1994)

Professor of Economics

B.S., U.S. Military Academy, West Point;
M.S., Georgia Institute of Technology;
Ph.D., Colorado School of Mines.

Gary N. McGuire, Ed.D. (2007)

Associate Professor of Education
Director, Inland Empire Regional Center

B.A., Azusa Pacific University;
M.A., California Polytechnic University, Pomona;
Ed.D., University of La Verne.

James C. McKenna, Ph.D. (2007)

Assistant Professor of Education

B.A., California State University, Fresno;
M.A., California State University, Fresno;
Ph.D., University of California, Santa Barbara.

David Michael McKinney, Ph.D., J.D. (1970)

Professor of German and Literature

A.B., California State College, Fullerton;
M.A., Ph.D., University of Southern California;
J.D., University of San Diego.

Jeffrey L. McKinstry, Ph.D. (1993)

Professor of Computer Science

B.A., Point Loma Nazarene College;
M.A., University of Southern California;
Ph.D., University of California, San Diego.

Jessica M. Miller, M.A. (2007)

Assistant Professor of Education

B.A., California State University, San Bernardino;
M.A., Azusa Pacific University.

Jacqueline Mitchell, M.A. (1996)

Associate Professor of Spanish

B.A., Point Loma Nazarene College;
M.A., University of California, Los Angeles.

Kevin F. Modesto, Ph.D. (2002)

Associate Professor of Social Work
Chair, Department of Sociology and Social Work
B.A., Eastern Nazarene College;
M.A., Eastern Baptist Theological Seminary;
M.S.W., University of North Carolina, Chapel Hill;
Ph.D., University of North Carolina, Chapel Hill.

Michael S. Mooring, Ph.D. (1997)

Professor of Biology

B.A., University of Colorado, Boulder;
M.S., Ph.D., University of California, Davis.

Marjorie A. Morwood, M.A. (2003)

Assistant Professor of Education

B.A., M.A., Pasadena College.

Robert G. Morwood, Ed.D. (1985)

Professor of Education

A.B., M.A., Pasadena College;
Ed.D., University of Southern California.

Ross A. Mueller, Ph.D. (2007)

Assistant Professor of Psychology

B.A., Brown University;
M.A, Ph.D., Fuller Theological Seminary, Graduate School of Psychology.

Jose E. Munoz Jr., M.B.A. (2007)

Associate Professor of Business

Director, M.B.A. Program

B.S., Florida State University;
M.B.A., Florida State University.

Nancy K. Murray, Ph.D. (2004)

Professor of Family and Consumer Sciences

B.S., Carnegie Mellon University;
M.S, Ph.D., University of Tennessee.

Alan G. Nakamura, M.A. (2004)

Assistant Professor of Kinesiology

B.A., San Diego State University;
M.A., Azusa Pacific University.

Fru Festus Ndeh, Ph.D. (2005)

Associate Professor of Literature

B.A., University of Yaounde I;
M.A., University of Yaounde I;
D.E.A. (M. Phil.), University of Yaounde I;
Ph.D., University of Duisburg-Essen.

Daniel C. Nelson, Ph.D. (1991)

Professor of Music

B.A., MidAmerica Nazarene College;
M.A., Ph.D., University of Minnesota.

Dean E. Nelson, Ph.D. (1984)

Professor of Journalism and Writing

B.A., MidAmerica Nazarene College;
M.A., University of Missouri;
Ph.D., Ohio University.

Denise D. Nelson, M.S. (2004)

Librarian, Assistant Professor

B.A., Point Loma Nazarene University;
M.S., College of Information Science and
Technology, Drexel University.

Deana R. Noble, M.S.N. (1982-87, 1994)
Associate Professor of Nursing
B.S., California State University, Northridge;
M.S.N., California State University, Long Beach.

Kendra L. Oakes Mueller, Ph.D. (2007)
Assistant Professor of Psychology
B.S., Point Loma Nazarene University;
M.A., Ph.D., Fuller Theological Seminary, Graduate School of Psychology.

Domenica Oliveri, Ed.D. (2008)
Associate Professor of Nursing
B.S.N., William Paterson University
M.S.N., Ed.D., University of Phoenix.

Beryl K. Pagan, M.L.S. (1994)
Librarian, Assistant Professor
B.A., Point Loma Nazarene College;
M.L.S., University of California, Los Angeles.

Dawne M. Page, Ph.D. (2002)
Associate Professor of Biology
B.S., Penn State University;
Ph.D., University of California, San Francisco.

Charlene K. Pate, M.A. (1989)
Assistant Professor of Writing
B.A., Point Loma Nazarene College;
M.A., San Diego State University and California
State University, San Marcos.

Bettina T. Pedersen, Ph.D. (2000)
Professor of Literature
B.A., Northwest Nazarene College;
M.A., Temple University;
Ph.D., University of Illinois, Urbana-Champaign.

Keith E. Pedersen, D.M.A. (1998)
Professor of Music
B.A., Northwest Nazarene College;
M.M., Temple University;
D.M.A., University of Illinois.

Shane H. Peterson, M.A. (2004)
Instructor in Kinesiology
B.A., Point Loma Nazarene University;
M.A., Azusa Pacific University.

Donald L. Phillips, Ed.D. (2006)
Associate Professor of Education
Director, Arcadia Regional Center
B.A., Point Loma Nazarene College;
M.A., California State University, Bakersfield;
Ed.D., University of the Pacific

Thomas E. Phillips, Ph.D. (2005)
Professor of Religion
B.A., M.A., Olivet Nazarene University;
M.Div., Nazarene Theological Seminary;
Ph.D., Southern Methodist University.

Ray O. Posey, Ph.D. (2005)
Professor of Education
B.A., Westmont College;

M.S., California State University, Hayward;
Ph.D., Vanderbilt University.

Anne Elizabeth Powell, M.L.S. (1994)
Librarian, Assistant Professor
B.A., Point Loma Nazarene College;
M.L.S., University of California, Los Angeles.

Samuel M. Powell, Ph.D. (1986)
Professor of Philosophy and Religion
Dean, School of Theology and Christian Ministry
A.B., Point Loma College;
M.Div., Nazarene Theological Seminary;
Ph.D., Claremont Graduate School.

Dee G. Puntteney, Ph.D. (1985)
Professor of Physics
Chair, Department of Physics
A.B., Taylor University;
M.S., Ph.D., Purdue University.

J. Frank Quinn, Ph.D. (2006)
Librarian, Professor
Director, Ryan Library
B.A., M.S. L.S., University of North Carolina, Chapel Hill;
Ph.D., Indiana University.

Gary L. Railsback, Ph.D., (2008)
Associate Professor of Education
Dean, School of Education
B.S., Northwest Christian College
M.A., Fuller Theological Seminary
Ph.D., University of California, Los Angeles.

Larry B. Rankin, Ph.D., (2002)
Professor of Nursing
B.S.N., Eastern Michigan University;
M.S., Webster University;
Ph.D., University of Michigan.

Michelle F. Riingen, D.N.P. (1999)
Associate Professor of Nursing
Interim Dean, School of Nursing (Spring 2009)
B.S.N., M.S.N., University of San Diego;
D.N.P., Case Western Reserve University.

Stephen H. Rodeheaver, M.Div. (2006)
Visiting Associate Professor of Religion
B.A., Point Loma College
M. Div., Nazarene Theological Seminary
M.A., Point Loma Nazarene College

Susan DeCristofaro Rogers, M.A. (1990-1996, 2006)
Associate Professor of Family and Consumer Sciences
Academic Director, Early Childhood Learning Center
B.A., M.A., Point Loma Nazarene College.

Heather K. Ross, M.A. (1998-99; 2004)
Associate Professor of Philosophy
B.A., Trevecca Nazarene University;
M.A., DePaul University.

Mary Margaret Rowe, M.S.N., (2000)
Associate Professor of Nursing
Director, Health Promotion Center
B.S.N., California State University, Los Angeles;

M.S.N., California State University, Dominguez Hills.

Lewis E. Rutledge, Ph.D. (1991)

Professor of Communication and Forensics

B.A., Claremont McKenna College;
M.A., San Diego State University;
Ph.D., Regent University.

Karen J. Sangren, Ph.D. (1973)

Professor of Art

A.B., Pasadena College;
M.A., San Diego State University;
Ph.D., University of Oregon.

Brandon J. Sawyer, M.Ed. (2007)

Visiting Assistant Professor of Athletic Training

B.A., Point Loma Nazarene University;
M.Ed., University of Virginia, Charlottesville.

Kim W. Schaeffer, Ph.D. (1989)

Professor of Psychology

B.S., Bethany Nazarene College;
M.S., Ph.D., University of Oklahoma Health
Sciences Center.

Paul D. Schmelzenbach, Ph.D. (2006)

Assistant Professor of Physics

B.S., Northwest Nazarene University;
M.S., Ph.D., Oregon State University.

Bruce A. Schooling, Ph.D. (1998)

Professor of Business

Dean, Fermanian School of Business

B.S., M.N.A., University of San Francisco;
Ph.D., New Mexico State University.

Dale F. Shellhamer, Ph.D. (1972)

Professor of Chemistry

A.B., University of California, Irvine;
Ph.D., University of California, Santa Barbara.

Norman V. Shoemaker, D.Min. (2004)

Professor of Christian Ministry

Director, Center for Pastoral Leadership

B.A., Pasadena College;
M.R.E., D.Min., Nazarene Theological Seminary.

Sheldon O. Sickler, Ph.D. (1964-71, 78)

Professor of Mathematics and Computer Science

A.B., Pasadena College;
M.S., University of California, San Diego;
M.A., Ph.D., University of California, Los Angeles.

Juliette C. Singler, D.M.A. (2002)

Associate Professor of Music

B.A., University of Louisville;
M.M., University of Southern California, Los Angeles;
D.M.A., Claremont Graduate School.

James S. Skalman, M.F.A. (1993)

Professor of Art

Chair, Department of Art and Design

A.B., San Diego State University;
M.F.A., University of North Carolina, Chapel Hill.

- Christine A. Sloan**, B.S.N. (2006)
Assistant Professor of Nursing
B.S.N., University of Arizona.
- Gary L. N. Smith**, Ph.D. (2007)
Assistant Professor of Chemistry
B.S., Southern Nazarene University;
M.S., University of Oklahoma;
Ph.D., University of Oklahoma.
- Robert W. Smith**, D.Min. (1988)
Professor of Religion
B.A., M.A., Bethany Nazarene College;
M.Div., Illif School of Theology;
D. Min., Fuller Theological Seminary.
- David A. Stevens**, M.S (2007)
Assistant Professor of Education
B.A., Trinity College, Deerfield;
M.S., California State University, Fullerton.
- Jeff A. Sullivan**, Ph.D. (2002)
Associate Professor of Kinesiology
Chair, Department of Kinesiology
B.A., Point Loma Nazarene University;
M.A., San Jose State University;
Ph.D., Oregon State University.
- Cynthia L. Swann**, M.S., R.D. (2005)
Associate Professor of Family and Consumer Sciences
Director, Dietetics Program
B.S., State University College, Buffalo, New York;
M.S., San Diego State University;
R.D., American Dietetic Association.
- Barbara J. Taylor**, Ph.D. (1999)
Professor of Nursing
Dean, School of Nursing
B.S.N., MidAmerica Nazarene University;
M.S.N., Lewis University;
Ph.D., University of San Diego.
- Dione Brooks Taylor**, Ed.D. (1999)
Associate Professor of Education
B.S., William Woods College;
M.A., Ed.S., Point Loma Nazarene University;
Ed.D., Northern Arizona University.
- Robert J. Thompson**, Ph.D. (2006)
Associate Professor of Philosophy
B.A., Northwest Nazarene University;
M.Div., Nazarene Theological Seminary;
M.A., Ph.D., University of Oklahoma.
- Philip W. Tyler**, D.Mus. (2001)
Associate Professor of Music
B.M., University of Central Oklahoma;
M.A., Florida Atlantic University;
M.M., D.Mus., Florida State University.
- Harry S. Watkins**, Ph.D. (2001)
Professor of Marketing
B.A., Willamette University;
M.B.A., University of Arizona;
Ph.D., University of Oregon.

- William B. Westphal**, M.Ed. (1997)
Assistant Professor of Kinesiology
 B.A., University of Southern California;
 M.Ed., Occidental College.
- Kay M. Wilder**, Ed.D. (1981)
Professor of Family and Consumer Sciences
Chair, Department of Family and Consumer Sciences
 A.B., Northwest Nazarene College;
 M.S., Simmons College;
 Ed.D., Northern Arizona University.
- Walter O. Williams**, Ph.D. (2000)
Professor of Communication and Theatre
 B.A., University of California, Los Angeles;
 M.A., Ph.D., Regent University.
- Rosco B. Williamson**, Ph.D. (2006)
Associate Professor of Political Science
 B.S., Northwest Nazarene University;
 M.A., San Diego State University;
 Ph.D., University of California, San Diego.
- Arthur J. Wilmore**, M.A. (2002)
Assistant Professor of Kinesiology
 B.A., University of San Francisco;
 M.A., California Polytechnic State University.
- Carl A. Winderl**, Ph.D. (2002)
Professor of Writing
 B.A., Trevecca Nazarene College;
 M.A., University of Chicago;
 Ph.D., New York University.
- Ronda R. Winderl**, Ph.D. (2003)
Professor of Communication and Theatre
 B.A., Olivet Nazarene University;
 M.A., Emerson College;
 Ph.D., New York University.
- Hadley Wood**, Ph.D. (1977)
Vice Provost for Faculty Development
Professor of French and Literature
Director, Center for Teaching and Learning
 A.B., M.A., Brown University;
 Ph.D., Harvard University.
- William A. Wood**, Ph.D. (1996)
Professor of History
Chair, Department of History and Political Science
 B.A., Colorado State University;
 M.A., Ph.D., Indiana University.
- John W. Wright**, Ph.D. (1994)
Professor of Religion
 B.A., Mount Vernon Nazarene College;
 M.Div., Nazarene Theological Seminary;
 M.A., Ph.D., University of Notre Dame.
- John T. Wu**, Ed.D. (2001)
Professor of Psychology
 B.S., B.A., University of California, Irvine;
 Ed.M., Ed.D., Harvard University, Graduate
 School of Education.

Galen B. Yorba-Gray, Ph.D. (2005)

Associate Professor of Spanish

B.A., Southern California College;
B.A., California State University, San Bernardino;
M.A., University of California, Riverside;
Ph.D., Texas Tech University.

Maria R. Zack, Ph.D. (1994)

Professor of Mathematics

Chair, Department of Mathematical, Information, and Computer Sciences

B.A., Ph.D., University of California, San Diego.

ACCREDITATION AND MEMBERSHIPS

Point Loma Nazarene University is accredited by the Western Association of Schools and Colleges (WASC), for which it periodically completes a self-study that addresses recognized standards and principles of excellence.

WASC may be contacted at 985 Atlantic Avenue, Suite 100, Alameda, CA 94501, or by telephone at (510) 748-9001.

In addition, Point Loma Nazarene University has gained professional and program accreditation from the following agencies:

American Dietetic Association

Association of Collegiate Business Schools and Programs

California Board of Registered Nursing

California Commission on Teacher Credentialing

Commission on Accreditation of Athletic Training Education

Commission on Collegiate Nursing Education

National Association of Schools of Music

Point Loma Nazarene University and individual faculty members hold membership in the following organizations:

Academy of Management

African Studies Association

Alpha Psi Omega, Theatre Honor Fraternity

American Academy of Religion

American Anthropological Association

American Association for Higher Education

American Association for the Advancement of Science

American Association of Christian Counselors

American Association of Colleges for Teacher Education

American Association of Colleges of Nursing

American Association of Family and Consumer Sciences

American Association of Health, Physical Education, Recreation and Dance

American Association of Presidents of Independent Colleges and Universities

American Chemical Society

American Choral Directors Association

American College Health Association

American College of Nurse-Midwives

American College of Sports Medicine

American College Personnel Association

American Conference of Academic Deans
American Council on Education
American Counseling Association
American Dietetic Association
American Economic Association
American Educational Research Association
American Historical Association
American Institute of Certified Public Accountants
American Library Association
American Marketing Association
American Mathematical Society
American Physical Society
American Political Science Association
American Psychological Association
American School Counselors' Association
American Scientific Affiliation
American Sociological Association
American Studies Association
Associated Writing Programs
Association for Christians in Student Development
Association for Christians in the Mathematical Sciences
Association for Institutional Research
Association for Psychological Science
Association for Supervision and Curriculum Development
Association for Women in Mathematics
Association for Women's Health and Neonatal Nurses
Association of American Colleges and Universities
Association of California Nurse Leaders
Association of California School Administrators
Association of Christian Economists
Association of Christian Librarians
Association of Christian Schools International
Association of Christian Schools International Administrators
Association of College and Research Libraries

Association of Computing Machinery

Association of Governing Boards of Universities and Colleges

Association of Independent California Colleges and Universities

Association of the United States Army

Broadcast Education Association

Bronte Society

California Academic and Research Libraries

California Association for Resource Specialists and Special Education Teachers

California Association of Bilingual Educators

California Association of Colleges for Teacher Education

California Association of Colleges of Nursing

California Association of Health, Physical Education, Recreation and Dance

California Association of Professors of Education Administration

California Association of Teachers of English

California Clinical Nurse Specialist Network

California College Health Nurses Association

California Council on Education of Teachers

California Council on Teacher Education

California Psychological Association

California Society of Certified Public Accountants

California Sociological Association

Catholic Biblical Asssocation of America

Charles Wesley Society

Christian Association for Psychological Studies

Christian Business Faculty Association

Christian Holiness Partnership

Christian Library Consortium

Christians in the Visual Arts

College and University Personnel Association

College Music Society

Collegiate Media Advisors

Commission on Accreditation of Allied Health Education Programs

Committee on the Status of Women in the Economics Profession

Conference on Faith and History

Council for Christian Colleges and Universities

Council for Higher Education

Council for the Advancement and Support of Education

Council for Undergraduate Research

Council of Administrators of Family and Consumer Sciences

Council of Independent Colleges

Council on Social Work Education

Credential Counselors and Analysts of California

Direct Marketing Association

Family and Consumer Sciences Education Association

Golden State Athletic Conference

Institute of Management Accountants

International Association for Jazz Education

International Network for Social Network Analysis

International Reading Association

Learning Disabilities Association

Marian Association of Helpers

Mathematical Association of America

Modern Languages Association

Music Educators National Conference

Music Teachers National Association

NAFSA: Association of International Educators

National Association for Education of Young Children

National Association for Research in Science Teaching

National Association of Branch Campus Administrators

National Association of Church Musicians

National Association of Christians in Special Education

National Association of Christian Social Workers

National Association of Clinical Nurse Specialists

National Association of Evangelicals

National Association of Foreign Student Advisors

National Association of Independent Colleges and Universities

National Association of Intercollegiate Athletics

National Association of Schools of Music

National Association of Social Workers

National Association of Student Personnel Administrators

National Athletic Trainer's Association

National Career Development Association

National Council of Teachers of English

National Organization of Scholars

National Parliamentary Debate

National Science Teachers Association

National Society of Hispanic MBA's

National Strength and Conditioning Association

National Women's Studies Association

Nazarene Association of Colleges for Teacher Education

North American Association of Christians in Social Work

North American Christian Foreign Language Association

Nurses Serves Organization

Nursing Christian Fellowship (Intervarsity)

Pacific Sociological Association

Psi Chi, Honor Society in Psychology

Phi Delta Lambda, Alpha Chapter of the Nazarene Honor Society

Phi Kappa Delta

Phi Kappa Phi

Phi Upsilon Omicron

San Diego/Imperial County Libraries Disaster Response Network

Shakespeare Association of America

Sigma Theta Tau, International Honor Society for Nursing (Zeta Mu Chapter)

Society for Applied Anthropology

Society for Christian Ethics

Society for the Study of Early Modern Women

Society for the Study of Psychology and Wesleyan Theology

Society for the Study of Reproduction

Society of Biblical Literature

Society of Professional Journalists

Southern California Instruction Librarians

Statewide California Electronic Library Consortium

TASH: Equity, Opportunity, and Inclusion for People with Disabilities

The Association of Departments of English

The Association of Independent Liberal Arts Colleges for Teacher Education

The College Board

The Conference on Christianity and Literature

Victorian Interdisciplinary Studies Association of the Western United States

Wesleyan Philosophical Society

Wesleyan Theological Society

Western Association of Graduate Schools

Western Decision Sciences Institute