

DEPARTMENT OF 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:
 - a. careers that use mathematics and computer information technology in business, industry, government and the non-profit sector.
 - b. graduate study in fields related to computer information technology.
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 and computer information technology.
5. To integrate the study of mathematics and computer information technology.

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 and computer information technology. Some students supplement their coursework with internships at local companies.

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 information technology, cyber security, project management, and systems analysis.

Faculty

Catherine Crockett, Ph.D.
University of California, Riverside

Gregory Crow, Ph.D.
University of Notre Dame

Kyle Havens, M.S.
San Diego State University

Elizabeth Holmen-Crow, Ph.D.

University of California, Santa Barbara

Michael Leih, Ph.D.
Claremont Graduate University

Benjamin Mood, Ph.D.
University of Florida, Gainesville

Noah Spahn, M.S.
California State University, Fullerton

Carlson Triebold, Ph.D.
Purdue University

Maria Zack, Ph.D.
University of California, San Diego

To view requirements for majors, minors, and certificates, see the Degree Program Information (<https://pointloma-public.courseleaf.com/aug-catalog/degree-program-information/>) page.

- Computer Information Technology, B.A. (<https://pointloma-public.courseleaf.com/aug-catalog/colleges-schools-departments/stem/mics/computer-information-technology-ba/>)
- Computer Information Technology: Cyber Security, B.A. (<https://pointloma-public.courseleaf.com/aug-catalog/colleges-schools-departments/stem/mics/computer-information-technology-cyber-security-ba/>)