

# Welcome

—Class of—

# 2024

## School of Natural Sciences and Mathematics (NAMS)

The School of Natural Sciences and Mathematics (NAMS) offers a rigorous, student-centered curriculum with emphasis on teaching and faculty-mentored student research. Students explore objects or processes observable in nature that deal with matter, energy, and their interrelations and transformations based on observation and experimentation.

Our faculty provide students with a well-rounded and rigorous preparation for graduate and professional education as well as professional careers. Each program offers optional areas of concentration, research experiences for undergraduates (REU), internships, community-engaged leadership, development, applied and project-based education.

For more information, check out our website:

**[stockton.edu/sciences-math/](https://stockton.edu/sciences-math/)**

### Undergraduate Programs

#### ***Life Sciences***

**Branches of science that involve the scientific study of life and organisms.**

- **Biochemistry** (BS) Coordinator, Dr. Kelly Keenan [kelly.keenan@stockton.edu](mailto:kelly.keenan@stockton.edu)
- **Biology** (BA, BS, Minor) Coordinator, Dr. Ron Hutchison [ron.hutchison@stockton.edu](mailto:ron.hutchison@stockton.edu)

*Concentrations:* General, Pre-Professional Studies, Biotechnology, Biological Education, Pre-Physical Therapy, Medical Technology, Pre-Doctor of Physical Therapy

#### ***Physical Sciences & Engineering***

**Explores the concepts and processes of the non-living physical world.**

- **Applied Physics** (BA, BS, Minor, Dual-Degree Engineering) Coordinator, Dr. Joseph Trout [joseph.trout@stockton.edu](mailto:joseph.trout@stockton.edu)
- **Chemistry** (BA, BS, Minor, Dual-Degree Engineering) Coordinator, Dr. Kristen Hallock-Waters [kristen.hallock-waters@stockton.edu](mailto:kristen.hallock-waters@stockton.edu)  
*Concentrations:* General, Environmental, Education, American Chemical Society Certified B.S
- **Mathematics** (BA, BS, Minor, Dual-Degree Engineering) Coordinator, Dr. Chia-Lin Wu [chia-lin.wu@stockton.edu](mailto:chia-lin.wu@stockton.edu)  
*Concentrations:* General, Actuarial, Education
- **Sustainability** (BA, BS, Minor) Coordinator, Dr. Patrick Hossay [patrick.hossay@stockton.edu](mailto:patrick.hossay@stockton.edu)  
Intersects with Physical and Earth Sciences

## **Earth & Ocean Sciences**

**Explores the study of the solid Earth, its waters and the air that envelops it.**

- **Environmental Science** (BA, BS, BS/PSM\*, Minor)      Coordinator, Dr. Dan Moscovici      [dan.movscovici@stockton.edu](mailto:dan.movscovici@stockton.edu)  
BS/PSM Coordinator, Dr. Aaron Stoler      [aaron.stoler@stockton.edu](mailto:aaron.stoler@stockton.edu)  
*Concentrations:* General, Environmental Quality (Pollution/Remediation), Forestry, Planning & GIS, Soil Science & Hydrology, Wildlife, Education  
\*PSM – Professional Science Master’s
- **Marine Science** (BA, BS, Minor)      Coordinator, Dr. Elizabeth Lacey      [elizabeth.lacey@stockton.edu](mailto:elizabeth.lacey@stockton.edu)  
*Concentrations:* General, Marine Biology, Oceanography, Education
- **Geology** (BA, BS, Minor)      Coordinator, Dr. Matthew Severs      [matthew.severs@stockton.edu](mailto:matthew.severs@stockton.edu)

## **Dual Degree**

- **Engineering** (BS, BSE)      Coordinator, Dr. Monir Sharobeam      [monir.sharobeam@stockton.edu](mailto:monir.sharobeam@stockton.edu)  
*Chemistry, Mathematics and Physics*
- **Health Professions**      Coordinator, Dr. Elizabeth Pollock      [elizabeth.pollock@stockton.edu](mailto:elizabeth.pollock@stockton.edu)  
[Doctor of Osteopathic Medicine (DO), Doctor of Pharmacy (PharmD), Doctor of Dental Medicine (DMD)]

## **Graduate Programs**

- Coastal Zone Management (CZMT)      Coordinator, Dr. Mark Sullivan      [mark.sullivan@stockton.edu](mailto:mark.sullivan@stockton.edu)
- Data Science and Strategic Analytics (DSSA)      Coordinator, Dr. Russ Manson      [russell.manson@stockton.edu](mailto:russell.manson@stockton.edu)
- Professional Science Master’s degree in Environmental Science (PSM)      Coordinator, Dr. Tait Chirenje      [tait.chirenje@stockton.edu](mailto:tait.chirenje@stockton.edu)

## **Certificates**

### Undergraduate

Energy  
GIS

### Graduate

Coastal Zone Management (CZMT)

We encourage you to reach out to any of our Program Coordinators or our general mailbox, [nams@stockton.edu](mailto:nams@stockton.edu), with any additional questions you may have.

Congratulations on becoming a future Osprey and NAMS major! Look forward to seeing you at orientation.

Peter Straub, Dean  
[Peter.Straub@stockton.edu](mailto:Peter.Straub@stockton.edu)

Thushani Rodrigo-Pieris, Assistant Dean  
[rodrigot@stockton.edu](mailto:rodrigot@stockton.edu)