iSTEM Program

Through activities and events in and out of the classroom, iSTEM helps new first-year students feel connected and develop awareness of Seaver College resources and the opportunities available in science, technology, engineering and mathematics fields.
About iSTEM

The interdisciplinary Seaver Transition, Engagement and Mentoring Program (iSTEM) is a newly launched learning community for all Seaver College of Science and Engineering first-year students. The concept of interdisciplinary collaboration, how two or more academic fields converge to solve a problem and innovate new ideas, is foundational to our college and at the core of iSTEM. Through interdisciplinary collaboration, we provide our students with an education of sufficient scope to enable them to make significant contributions to the solutions of problems confronting humankind.

iSTEM activities are designed to help students make sense of their academic experiences through discussion and reflection to gain a greater awareness of the interconnectedness of the STEM fields and the university. Focus is on the interdisciplinary approaches to global challenges, exposure to real-world applications based on the scholarship of LMU faculty and community building among science and engineering peers.

iSTEM Enrollment

All first-year students are automatically enrolled into our iSTEM learning community! Below is the list of courses that form part of iSTEM.

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iSTEM Events

iSTEM Lightning Talks
This monthly speaker series is a fun way to meet Seaver faculty and learn about their research and scholarship through very quick presentations and thematic discussions that are uniquely LMU.

- Los Angeles as a Laboratory
  Thursday, September 17
  5:30 – 6:30 p.m.

- Innovations in Clean Technology and Sustainability
  Thursday, October 22
  5:30 – 6:30 p.m.

- Value of Jesuit Education for STEM
  Thursday, November 19
  5:30 – 6:30 p.m.

Seaver Spotlight
Seaver Spotlight is the college's signature speaker series that features distinguished leaders who share their experiences and career pathway as they seek to live a life of meaning and purpose.

“Innovation in the Time of COVID-19”
Wednesday, Oct 7
5:30 – 6:30 p.m.

iSTEM Movie Night
The Martian
Thursday, September 10
Event begins at 5:30 p.m.

Registering for iSTEM Events
Use LEO or complete this form to register for iSTEM events.

The Zoom login information will be shared with you a few days before each event, so make sure to RSVP either through LEO or by completing this form!
Career and Professional Development

• Biz+STEM: Networking Events
  Tuesday, September 15
  10 – 11:30 a.m. and
  4 – 5:30 p.m.
  An opportunity for Seaver students, business students and recent graduates to explore potential career pathways, expand their network, and hear from alumni.

• Biz+STEM: Virtual Career Fair
  Thursday, September 17
  10 a.m. – 2 p.m.
  Through Handshake, ambitious Lions connect with employers in the STEM and business industries. Previous registrants have included Tesla, AT&T, Los Angeles Department of Water and Power (LADWP), Enterprise and more.
Seaver’s Center for Student Success

iSTEM is coordinated by Seaver’s Center for Student Success (CSS). The CSS coordinates and provides opportunities aimed at enhancing undergraduate students’ academic performance and career prospects. The CSS collaborates with other divisions on campus to provide students with information regarding career development, study abroad, and many service opportunities to enhance students’ academic, professional, and personal development. You can reach the Center for Student Success via email at css@lmu.edu.

iSTEM Team

Demian Willette, Biology
Emily Jarvis, Chemistry
Joseph Weber, Civil Engineering
Jordan Freitas, Computer Science
Hossein Asghari, Electrical Engineering
Lambert Doezema, Environmental Science
Christopher Cappelli, Health and Human Sciences
Anna Bargagliotti, Mathematics
Emin Issakhanian, Mechanical Engineering
Dave Berube, Physics
Jeremy McCallum, iSTEM Faculty Affiliate
Sandra Luca, SCSE Dean’s Office
Karen Valencia, SCSE Dean’s Office

Loyola Marymount University
Frank R. Seaver
College of Science and Engineering