



Energy and Thermal Sciences Laboratory



Structures Laboratory

# Master of Science in **Mechanical Engineering**

This program serves engineers seeking to advance their careers by providing a modern, professionally rigorous and conveniently administered program. The program is flexible in order to accommodate the needs of both working professionals and full-time graduate students.

## WHY STUDY MECHANICAL ENGINEERING AT LMU?

- Strong emphasis on industry relevance with strategic location in Silicon Beach and in close proximity to companies in the aerospace and defense industries.
- Small class sizes allow for meaningful interactions with faculty.
- Faculty with extensive industry experience, including individuals with worldwide reputations in their fields.

## PROGRAM HIGHLIGHTS

- Flexibility to be completed in one to two years.
- 10 courses that can be completed as quickly as 12 months or at any pace that accommodates your professional needs.
- Certificate Program in Additive Manufacturing offered as an advanced specialization.

## THESIS (OPTIONAL)

Students who select the thesis option develop a research project under close supervision and guidance of a faculty member, with the goal of publishing the research in peer-reviewed journals, and presenting at national conferences.



Department Faculty



Industry Experts



Rehabilitation, Assistive Tech & Human Control Theory Laboratory



Thermal Fluids Laboratory

## FINANCIAL AID

A variety of opportunities for financial aid are available: Graduate and Teaching Assistantships, Scholarships, and On-Campus Student Employment.

<https://cse.lmu.edu/graduateprograms/msee/admissionrequirements/financialaid>

## ALUMNI

Former students have found employment after graduation including Boeing, Raytheon, The Aerospace Corporation, LA Drones, Praedicat, and Evelozcity among others.

<https://www.linkedin.com/school/loyola-marymount-university/>

## TESTIMONIALS



"My name is Jessica Roche and I received a Bachelors in Nuclear Engineering in 2016 from University of California Berkeley. After working at Lawrence Livermore National Laboratory and NuScale Power for a few years, I decided to pursue my Master's in Mechanical Engineering at Loyola Marymount University. The flexible class schedule at LMU allowed me to work at Kairos Power while pursuing my Masters degree. Despite the majority of my experience at LMU being remote due to the pandemic, I was able to have beneficial interactions with my professors and other students while working as a teachers assistant, graduate student researcher, and even presenting my class project to the Space Power Workshop in 2021."

*-Jessica Roche*



"My name is Virginia Busse, and I am currently a level 3 Manager at Northrop Grumman, where I have been working for 15 years. I obtained both undergraduate and graduate degrees in 2007 and 2010. My experience at Loyola Marymount allowed me many advantages in my career, that otherwise I would not have had. The rigor in technical work, opportunities to lead research projects, coupled with hands on applicable courses gave me the foundation I needed to become a great engineer. I know I made the right choice in Loyola Marymount for my degrees."

*-Virginia Busse*



## Contact

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