



TEXAS A&M UNIVERSITY  
Department of  
Ocean Engineering

# 2020-21 FACT SHEET



Ocean engineering is a multidisciplinary field that applies modern engineering principles to ocean and coastal environments. As industry looks toward the oceans to further economic and sustainable growth in a movement known as “blue economy,” it is ocean engineers who will lead the world into a cleaner, more reliable future.

Our faculty are world-renowned in their respective fields and remain active in research pertaining to everything from exploring the ocean floors with cutting-edge robotics to getting back to our roots with “Engineering with Nature” concepts. This area of engineering solves global issues related to: offshore energy (both conventional and renewable); ship, autonomous and remote-operated marine vehicles; multiuse offshore platforms; coastal resiliency, including multihazard readiness and beach restoration; and ports, harbors and shipping channels.

## AREAS OF FOCUS

- Offshore Systems
- Coastal and Nearshore Processes
- Ocean Surface and Subsurface Robotics
- Naval Architecture
- Renewable Energy

## ENROLLMENT 2021

(Preliminary, 5th class day)

<b>UNDERGRADUATE</b>	<b>159</b>
<b>GRADUATE</b>	
Master's	<b>22</b>
Ph.D.	<b>52</b>

## DIVERSITY

**23% Minority Students**

**20.9% International Students**

**14.5% First-Generation Students**

## FACULTY 2021

Academic Professional Track	<b>13</b>
Tenured	<b>12</b>
Tenure-Track	<b>6</b>
National Academy of Engineering Members	<b>3</b>

## DEGREE PROGRAMS

- Bachelor of Science
- Master of Science
- 30-Credit Master of Science
- Master of Engineering
- Doctor of Engineering

## ENGINEERING HONORS PROGRAM

The Engineering Honors Program offers an academically enriched plan of study developed for exceptionally talented and motivated students. The program includes regular activities such as monthly seminars and lunches with faculty, designed to build a community of scholars, and all honors students participate in an intensive undergraduate research experience.