Our Mission:

The Department of Nuclear Engineering at Texas A&M University was established in 1958 and serves the nation and global community by nurturing nuclear engineering professionals to meet the complex challenges associated with the peaceful uses of nuclear energy and enhancing global security. The department is the largest program in the U.S. with a current enrollment of 295 undergraduate and 140 graduate students. The department's graduate program is ranked second nationally among public universities, according to the U.S. News and World Report.

Our high faculty-to-student ratio allows us to offer relatively small class sizes and mentor groups that promote a strong sense of family within the department. We offer degrees at the undergraduate and graduate levels in nuclear engineering, radiological health engineering and health physics. There are many sources of financial assistance including scholarships, fellowships and assistantships.

Research Impact & Disciplines

Research Impact:

FY 2016 Research Expenditures: $12.8 M
Journal articles: 77
Conference papers: 94

Research Disciplines:

Security, Safeguards and Nonproliferation
Fuel Cycles and Materials
Health Physics, Radiation Biology and Medical Physics
Nuclear Power Engineering
Radiation Transport
Thermal Hydraulics
Computational Methods Development
Advanced Nuclear Reactors

Enrollment

<table>
<thead>
<tr>
<th>Enrollment</th>
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<tbody>
<tr>
<td>Total Enrollment</td>
<td>575</td>
</tr>
<tr>
<td>Undergraduate</td>
<td>295</td>
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<tr>
<td>Graduate</td>
<td>140</td>
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<tr>
<td>Master's</td>
<td>59</td>
</tr>
<tr>
<td>Ph.D.</td>
<td>81</td>
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Faculty

Tenured/ Tenure Track:

Full professor: 5
Associate professor: 7
Assistant professor: 3

Non-Tenure/ Tenure Track:

Senior lecturers: 2
Professors of practice: 2
Research faculty: 4
Emeritus faculty: 5

Faculty Service:

Faculty in professional societies: 5
National engineering academy members: 1
Faculty in professional society committees: 9
Department Facilities & Centers
Institute for National Security, Education & Research (INSER)
Nuclear Security, Science & Policy Institute (NSSPI)
Nuclear Science Center (1 MW Triga Reactor) (NSC)
Center for Large-scale Scientific Simulations (CLASS)
Nuclear Power Institute (NPI)
Nuclear Heat Transfer Systems Laboratory
AGN-201M Nuclear Reactor Laboratory
Micro-Beam Cell Irradiation Facility
Interphase Transport Phenomena Laboratory
Radiation Detection Measurement Laboratory
Accelerator Laboratory
Laser Diagnostic Multiphase Flow Laboratory
Tandem Accelerator Laboratory
Nuclear Power Plant Simulator Engineering Lab

Undergraduate Data
B.S. Nuclear Engineering Students 263
B.S. Radiological Health Engineering Students 32

Undergraduate Degrees Conferred AY 2016:
B.S. Nuclear Engineering 26
B.S. Radiological Health Engineering 19

Graduate Data
Incoming Graduate Students Fall 2016 26
M.E. Nuclear Engineering Students 2
M.S. Nuclear Engineering Students 57
Ph.D. Nuclear Engineering Students 81

Graduate Degrees Conferred AY 2016:
M.E. Nuclear Engineering 2
M.S. Nuclear Engineering 23
M.S. Mechanical Engineering 2
Ph.D. Nuclear Engineering 21
Ph.D. Materials Science Engineering 1

Fellows and Assistantships:
Graduate student research assistants 68
Graduate student teaching assistants 15
DOE Fellows 9
NRC Fellows 2
Texas A&M Fellows 11
Students with external Fellowships 7