### AEROSPACE ENGINEERING

<table>
<thead>
<tr>
<th>Graduate Program Head</th>
<th>Amy Pritchett</th>
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</thead>
<tbody>
<tr>
<td>Program Code</td>
<td>AERSP</td>
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<tr>
<td>Campus(es)</td>
<td>University Park (Ph.D., M.S., M.Eng.)</td>
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<tr>
<td>Degrees Conferred</td>
<td>Doctor of Philosophy (Ph.D.)</td>
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<tr>
<td></td>
<td>Master of Science (M.S.)</td>
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<td>Master of Engineering (M.Eng.)</td>
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<td>The Graduate Faculty</td>
<td>View (<a href="https://secure.gradsch.psu.edu/gpms/?searchType=fac&amp;prog=AERSP">https://secure.gradsch.psu.edu/gpms/?searchType=fac&amp;prog=AERSP</a>)</td>
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Opportunities for graduate study are available in the following areas:

- low-speed aerodynamics
- airplane and helicopter aerodynamics
- V/STOL aircraft
- turbulence
- astrodynamics
- turbomachinery
- air breathing propulsion
- aeroacoustics
- gas dynamics
- stability and control of aerospace vehicles
- aerospace structures
- structural dynamics
- aeroelasticity
- rotorcraft engineering
- computational fluid dynamics
- experimental fluid dynamics
- space propulsion
- space vehicle dynamics
- high-performance computing