# ENGINEERING: AEROSPACE SYSTEMS ENGINEERING, MENG

**for the degree of Master of Engineering in Engineering, Aerospace Systems Engineering Concentration (on campus & online)**

The MEng in Engineering, Aerospace Systems Engineering Concentration is a professionally oriented degree program for students whose primary intent is a career in industry or government. This degree differs from the Master of Science degree in that it is a terminal degree and not a pathway to a doctoral program. The Aerospace Systems Engineering Concentration is available on campus and online.

Other concentrations under the MEng in Engineering major include Autonomy and Robotics (http://catalog.illinois.edu/graduate/engineering/engineering-meng/autonomy-robotics/), Digital Agriculture (http://catalog.illinois.edu/graduate/engineering/engineering-meng/digital-agriculture/), Energy Systems (http://catalog.illinois.edu/graduate/engineering/engineering-meng/energy-systems/), Instrumentation and Applied Physics (http://catalog.illinois.edu/graduate/engineering/engineering-meng/instrumentation-applied-physics/), and Plasma Engineering (http://catalog.illinois.edu/graduate/engineering/engineering-meng/plasma-engineering/).

**for the degree of Master of Engineering, Major in Engineering, Aerospace Systems Engineering Concentration (on campus & online)**

For additional details and requirements, refer to the department's Website (http://aerospace.illinois.edu/) and the Graduate College Handbook (https://grad.illinois.edu/gradhandbook/).

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### Table: Core Coursework

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>AE 542</td>
<td>Aerospace Syst Engineering I</td>
<td>4</td>
</tr>
<tr>
<td>AE 543</td>
<td>Aerospace Syst Engineering II</td>
<td>4</td>
</tr>
</tbody>
</table>

Select two additional courses from approved list 8

### Table: Additional Coursework

| Elective coursework selected from an approved list in the following areas: optimization, design, reliability, data analysis, human interfaces, and networks | 8     |
| Professional Development coursework selected from approved lists - 4 hours from List A and 4 hours from List B | 8     |

**Total Hours** 32

### Other Requirements and Conditions (may overlap):

- A minimum of 20 credit hours must be taken from the University of Illinois Urbana-Champaign campus.
- A minimum of 12 500-level credit hours, with a minimum of 8 hours of 500-level coursework in AE.
- No courses used to fulfill any degree requirement may be taken using the "Credit/No Credit" option.

**Minimum GPA:** 3.0

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**Admission Requirements**

The Department of Aerospace Engineering accepts applications for admission to the MEng graduate program per the following deadlines:

- **Fall Admission:** December 1
- **Spring Admission:** July 1

For full information on admission requirements and how to apply, see the department's graduate programs Web site (https://aerospace.illinois.edu/academics/graduate/).

**Financial Aid**

Students in concentrations under the MEng in Engineering major are not eligible for Board of Trustees (BOT) tuition-waiver generating assistantships at the University of Illinois.

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**Other Graduate Programs in the Department of Aerospace Engineering**

- degrees:
  - Aerospace Engineering, MS (http://catalog.illinois.edu/graduate/engineering/aerospace-engineering-ms/)
  - optional concentrations for the PhD (http://catalog.illinois.edu/graduate/engineering/aerospace-engineering-ms/)
  - Computational Science & Engineering (http://catalog.illinois.edu/graduate/engineering/concentration/computational-science-engineering/)
  - Data Science & Engineering (http://catalog.illinois.edu/graduate/engineering/concentration/data-science-engineering/)
The Department of Aerospace Engineering (AE) offers graduate programs leading to the degrees of Master of Science and Doctor of Philosophy in Aerospace Engineering and a Master of Engineering in Engineering degree with a concentration in Aerospace Systems Engineering. The AE graduate program provides students with a strong background in engineering and applied science while placing emphasis on aircraft and spaceflight engineering.

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Department of Aerospace Engineering
Department Head: Jonathan Freund (jbfreund@illinois.edu)
Director of Graduate Studies: Ioannis Chasiotis (https://aerospace.illinois.edu/directory/profile/chasioti/)
Director of MEng program: Jason Merret (merret@illinois.edu)

Admissions
Aerospace Systems MEng Admissions & Requirements (https://aerospacesystemsmeng.engineering.illinois.edu/admissions/)
Graduate College Admissions & Requirements (https://grad.illinois.edu/admissions/apply/)

Aerospace Department Website (https://aerospace.illinois.edu/)
Aerospace Systems MEng Program website (https://aerospacesystemsmeng.engineering.illinois.edu/)
Grainger College of Engineering website (https://grainger.illinois.edu/)

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