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/).

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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/).

Code	Title	Hours
Core Coursework		**16**
AE 542	Aerospace Syst Engineering I	4
AE 543	Aerospace Syst Engineering II	4
Select two additional courses from approved list		8
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

Students with bachelor's or master's degrees in engineering or related fields will be considered for admission if they have a grade point average of at least 3.00 (A = 4.00) for the last two years of undergraduate study. Admission is possible for the spring term, but most begin during the fall term. Full details of admission requirements are on the Aerospace Systems Engineering Concentration website (https://aerospacesystemsmeng.engineering.illinois.edu/).

All applicants whose native language is not English are required to submit the results of the TOEFL (http://www.toefl.org/) or International English Language Testing System (IELTS) (http://www.ielts.org/) as evidence of meeting the English proficiency requirements for full admission status (http://grad.illinois.edu/admissions/instructions/04c/). Under certain circumstances applicants may be exempt (https://grad.illinois.edu/admissions/instructions/04c/) from the TOELF/IELTS requirement.

Applicants who are non-native speakers of English and who wish to be considered for teaching assistantships must provide evidence (https://grad.illinois.edu/admissions/taengprof.htm) of spoken English language proficiency. Specifically, they must score 24 or higher on the SPEAK portion of the TOEFL exam and 8 or higher on the speaking sub-section of the IELTS.

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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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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