

Undeclared Major



College of Engineering

www.engineering.uiowa.edu

- 128 semester hours of specific coursework are required for graduation. Students may take additional coursework that will not be applicable toward degree requirements.
- A total of 15 SH of General Education Components (GEC) are required. See www.engineering.uiowa.edu/records for an approved list of humanities and social sciences courses.
- Foreign Language Requirement: Satisfactory completion of two-years of one high school foreign language or one-year of one college-level foreign language is required for freshman students graduating from high school in 1990 and after; transfer students, 1991 and after.

1 st YEAR	Session	Course	Undeclared Engineering	SH	Pre-Requisite or Co-Requisite	
1 st Semester	All	22M:031	Engineering Math I - Single Variable Calculus	4	P: H.S. Algebra & Trigonometry	
	F	059:005	Engineering Problem Solving I	3		
	All	004:011	Principles of Chemistry I	4		
	F/S	010:003	Accelerated Rhetoric (or 10:001 & 10:002)	4		
	F	059:090	First-year Engineering Seminar	1		
Total				16		
2 nd Semester	All	22M:032	Engineering Math II - Multivariable Calculus	4	P: 22M:031	
	S	059:006	Engineering Problem Solving II	3	C: 22M:031	
	F/S	029:081	Introductory Physics I	4	C: 22M:031	
	All	22M:033	Engineering Math III - Matrix Algebra	2	P: 22M:031	
	All	GEC or 004:012	Principles of Chemistry II	4	P: 004:011	
Total				16 or 17		
2 nd YEAR	F/S	22M:034	Engineering Math IV - Differential Equations	3	P: 22M:032 and 22M:033	
	3 rd Semester	All	059:007	Engineering Fundamentals I - Statics	2	P: 22M:031; C: 029:081, 22M:032
		F/S	059:008	Engineering Fundamentals II - Electrical Circuits	3	C: 22M:034
		All	059:009	Engineering Fundamentals III - Thermodynamics	3	P: 004:011, 029:081; C: 22M:032
		F/S	029:082 or	Introductory Physics II	3 or 4	P: 029:081; C: 22M:032
		All	GEC	(optional)	3	
Total				14 or 15		

Engineering Majors

- Biomedical
- Civil and Environmental
- Industrial
- Chemical and Biochemical
- Electrical
- Mechanical

For More Information:

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