

# Undeclared Major



## College of Engineering

[www.engineering.uiowa.edu](http://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](http://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 <sup>st</sup> YEAR	Session	Course	Undeclared Engineering	SH	Pre-Requisite or Co-Requisite
1 <sup>st</sup> 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	
			<b>Total</b>	<b>16</b>	
2 <sup>nd</sup> 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	3	P: 004:011
			<b>Total</b>	<b>16 or 17</b>	
2 <sup>nd</sup> YEAR	F/S	22M:034	Engineering Math IV - Differential Equations	3	P: 22M:032 and 22M:033
	All	059:007	Engineering Fundamentals I - Statics	2	P: 22M:031; C: 029:081
	F/S	059:008	Engineering Fundamentals II - Electrical Circuits	3	C: 22M:034
	All	059:009	Engineering Fundamentals III - Thermodynamics	3	P: 22M:031, 004:011, C: 029:081
	F/S	029:082 or All	Introductory Physics II (optional)	3 or 4	P: 029:081; C:22M:032
			<b>Total</b>	<b>14 or 15</b>	

## Engineering Majors

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

### For More Information:

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3124 Seamans Center  
Iowa City Iowa 52242  
[www.engineering.uiowa.edu/records](http://www.engineering.uiowa.edu/records)

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