

GENERAL ENGINEERING

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ABOUT GENERAL ENGINEERING

New engineering students at UW-Platteville will be admitted directly into their major of choice (Civil Engineering, Computer Engineering, Electrical Engineering, Engineering Physics, Environmental Engineering, Industrial and Systems Engineering, Mechanical Engineering, or Software Engineering.) If a student is unsure about which major they want to pursue, they can declare a major of "General Engineering-Undecided". These students may remain a "General Engineering" student while they investigate different options and [decide on a degree-granting major](#). Once they have decided on a major, they simply need to talk to their advisor or the Registrar about changing their declared major.

The General Engineering courses are administered by different engineering programs and are designed to prepare students for coursework in their professional engineering programs. If you are seeking permissions or have questions about specific courses, here are the programs that administer each course:

For Questions About:

GENENG 1030

GENENG 1320

GENENG 1500

GENENG 2030

GENENG 2130

GENENG 2230

GENENG 2340

GENENG 2820

GENENG 2930

Please Contact:

General Engineering Coordinator (pawla@uwplatt.edu)

Civil and Environmental Engineering Department (<https://catalog.uwplatt.edu/undergraduate/engineering-mathematics-science/civil-environmental-engineering/>)

Engineering Physics Department (<https://catalog.uwplatt.edu/undergraduate/engineering-mathematics-science/engineering-physics/>)

Mechanical and Industrial Engineering Department (<https://catalog.uwplatt.edu/undergraduate/engineering-mathematics-science/mechanical-industrial-engineering/>)

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Engineering Physics Department (<https://catalog.uwplatt.edu/undergraduate/engineering-mathematics-science/engineering-physics/>)

Mechanical and Industrial Engineering Department (<https://catalog.uwplatt.edu/undergraduate/engineering-mathematics-science/mechanical-industrial-engineering/>)

Mechanical and Industrial Engineering Department (<https://catalog.uwplatt.edu/undergraduate/engineering-mathematics-science/mechanical-industrial-engineering/>)

Electrical and Computer Engineering Department (<https://catalog.uwplatt.edu/undergraduate/engineering-mathematics-science/electrical-engineering/>)

SUGGESTED COURSES FOR ENGINEERING - UNDECIDED STUDENTS

General Engineering - Undecided Students should work with their advisor to decide on their exact coursework, but likely will take courses from the below list while also taking other university requirements:

Course	Title	Credits
GENENG 1030	Introduction to Engineering Projects	1
GENENG 1320	Engineering Computer Graphics	1-3
or GENENG 2030	Engineering Modeling and Design	
or ELECTENG 1020	Electrical Engineering Projects and Tools	
or ENGRPHYS 1020	Engineering Physics Systems	
GENENG 2130	Engineering Mechanics-Statics	3
or ELECTENG 1210	Circuit Modeling I	
MATH 2640	Calculus and Analytic Geometry I	4
MATH 2740	Calculus and Analytic Geometry II	4

CHEMISTRY 1450	Chemistry for Engineers	5
PHYSICS 2240	General Physics I	4

TRANSFER CREDITS

1. The transfer of credits into any engineering program must be approved by the appropriate department chair. All transfer of credits must follow the specific requirements of the professional program which the student will be entering, including any specific grade requirement(s).
2. Pass/fail or "D" grades are generally not transferable into engineering.
3. Students transferring from programs that are not ABET accredited may be required to substantiate their expertise on the topics in question.