



This graduation plan illustrates the type of curriculum a new student would take to complete a degree in four years. It is not meant to serve as an official document. Students should contact their academic adviser to develop a personalized plan of study. Refer to the University Catalog for a complete list of requirements: <https://catalog.uwsp.edu/>.

This plan assumes placement into English 101/202 and Math 225.

Semester 1	Credits	Semester 2	Credits
English 101 - Freshman English (Foundation-WC)	3	Wellness (Foundation-WLN)	2
Chem 105 - Fundamental Chemistry or 117	5	Chem 106 - Fundamental Chemistry or GENED	5
Math 225 - Calculus I	5	Math 226 - Calculus II	5
GENED Investigation (ART/HP/HU/SS)	3	Physics 240 - University Physics I	5
<i>Total credits</i>	16	<i>Total credits</i>	17
Semester 3	Credits	Semester 4	Credits
Communication 101 (Foundation-OC)	3	English 202 - Sophomore English (Foundation-WC)	3
Math 227 - Calculus III	4	GENED Investigation (ART/HP/HU/SS)	6
Physics 250 - University Physics II	5	Math 230 - Introduction to Linear Algebra	4
Physics 220 - Statics	3	Physics 300 - Modern Physics (Sp)	3
<i>Total credits</i>	15	<i>Total credits</i>	16
Semester 5	Credits	Semester 6	Credits
GENED Investigation (ART/HP/HU/SS)	3	GENED Cultural/Env Awareness (ER/GA/USD)	3
Math 320 - Differential Equations	3	Physics 315 - Computational Phys (Sp)	4
Physics 435 - Thermo & Stat Mechanics (Fa; even yrs) or Physics 320 - Electricity/Magnetism (Fa; odd yrs)	3-4	Physics 470 - Experimental Physics (Sp)	3
Physics 385 - Optics (Fa; even yrs) or Physics 370 - Electronics (Fa; odd yrs)	3-4	Physics 335 - Advanced Mechanics (Sp; odd yrs) or Physics 405 - Quantum Mechanics (Sp; even yrs)	3
Physics 388 - Research Participation	1-4		
<i>Total credits</i>	13-18	<i>Total credits</i>	14

Academic Standards and Policies for this Major:

Students must maintain a 2.50 cumulative GPA or higher in all courses in the major in order to be admitted to an engineering program at UW-Milwaukee. Please consult with the dual-degree program coordinator every semester when planning your major as some physics courses are taught only in alternate years.

Dual-Degree Program Coordinator: Dr. Maryam Farzaneh, Associate Professor.

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(Fa) = offered fall semesters (Sp) = offered spring semesters