



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 or the PSChE Department to develop a personalized plan of study. Refer to the University Catalog for a complete list of requirements: <https://catalog.uwsp.edu/>.

Semester 1		Credits	Semester 2		Credits
**Paper Sci. & Engr. 105: Freshman Forum		1	+Chemistry 106: Fundamental Chemistry (NSC)		5
+Chemistry 105: Fundamental Chemistry (NSC)		5	Math 226: Calculus II		5
Math 225: Calculus I (QL)		5	General Education Program Course (CT)		3
*General Education Program Course (ART/GA)		3	Econ 110: Principles of Macro-Economics (SS)		3
English 101: Academic Reading and Writing (WC)		3	General Education Program Course (WLN)		1-2
		<i>Total credits</i>	<i>Total credits</i>	<i>17-18</i>	
		17			17-18
Semester 3		Credits	Semester 4		Credits
+Chemistry 325: Organic Chemistry		4	+Chemistry 326: Organic Chemistry		4
Math 227: Calculus III		4	+Chemistry 248: Quantitative Analysis		4
Physics 240: University Physics I (NSC)		5	Physics 250: University Physics II (NSC)		5
Paper Sci. & Engr. 215: Intro to Process Engr. Calcs. (Fa)		4	English 202: Academic Writing and Research (WC)		3
		<i>Total credits</i>	<i>Total credits</i>	<i>16</i>	
		17			16
Semester 5		Credits	Semester 6		Credits
Paper Sci. & Engr. 320: Fluid Mech. & Hydraulics (Fa)		3	Paper Sci. & Engr. 326: Heat Transfer Operations (Sp)		3
Paper Sci. & Engr. 350: Wood & Pulping Tech. (Fa)		4	Paper Sci. & Engr. 340: Chem. Kinet. & Reactor Dsgn. (Sp)		3
+Chemistry 335: Physical Chemistry (Fa)		4	Paper Sci. & Engr. 385: Systems Engr. & Simulation (Sp)		3
Math 320: Differential Equations		3	Math 255: Elementary Statistics		4
Paper Sci. & Engr. 316: Engr. Econ. and Project Mgt. (Fa)		3	*General Education Program Course (HU/ER)		3
		<i>Total credits</i>	<i>Total credits</i>	<i>16</i>	
		17			16
Semester 7		Credits	Semester 8		Credits
Paper Sci. & Engr. 430: Mass Transfer Operations (Fa)		3	Paper Sci. & Engr. 486: Senior Design Project (Sp)		3
Paper Sci. & Engr. 460: Process Dynamics & Control (Fa)		3	Paper Sci. & Engr. 440: Industrial Thermodynamics (Sp)		3
***Chemical Engineering Elective (See catalog)		3	Paper Sci. & Engr/Waste 489: Industrial Environmental Mgmt (Sp)		3
***Chemical Engineering Elective (See catalog)		3	**Paper Sci. & Engr. 445: Paper Coating & Converting (Sp)		3
*General Education Program Course (HP/USD)		3			
		<i>Total credits</i>	<i>Total credits</i>	<i>12</i>	
		15			12

(Fa) = offered fall semesters only (Sp) = offered spring semesters only (Note: Class terms are subject to change.)

General Education Program (GEP) category abbreviations: Written Communication (WC), Critical Thinking (CT), Quantitative Literacy (QL), Wellness (WLN), Arts (ART), Humanities (HU), Social Sciences (SS), Natural Sciences (NSC), Environmental Responsibility (ER), U.S. Diveristy (US), Global Awareness (GA).

* Some courses may be able to satisfy two GEP requirements. Review course catalog for complete degree requirements.

** Not required but highly recommended.

*** Six credits of Chemical Engineering Electives are required.

+These courses satisfy the requirements for a Chemistry Minor.