



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
+Chemistry 105: Fundamental Chemistry (NSC)		5	+Chemistry 106: Fundamental Chemistry (NSC)		5
Math 225: Calculus I (QL)		5	Math 226: Calculus II		5
*General Education Program Course (ART/GA)		3	Comm. 101: Fundamentals of Oral Comm. (CT)		3
English 101: Freshman English (WC)		3	Econ 110: Principles of Macro-Economics (SS)		3
**Paper Sci. & Engr. 105: Freshman Forum (Fa)		1	Wellness (WLN)		1-2
		<i>Total credits</i>	<i>Total credits</i>	<i>17-18</i>	
		<b>17</b>			<b>17-18</b>
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: Sophomore English (WC)		3
		<i>Total credits</i>	<i>Total credits</i>	<i>19</i>	
		<b>17</b>			<b>19</b>
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) (COM)		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	*General Education Program course (HU/ER)		3
Paper Sci. & Engr. 316: Engr Econ and Project Mgmt (Fa)		3	***Chemical Engineering Elective (See catalog)		2-3
		<i>Total credits</i>	<i>Total credits</i>	<i>14-15</i>	
		<b>17</b>			<b>14-15</b>
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	(COM/CAP)		
***Chemical Engineering Elective (See catalog)		2-3	Paper Sci. & Engr. 440: Industrial Thermodynamics (Sp)		3
***Chemical Engineering Elective (See catalog)		2-3	**Paper Sci. & Engr. 445: Paper Coating & Converting (Sp)		3
*General Education Program Courses (HP/USD)		3	Paper Sci. & Engr/Waste 489: Industry Environment Mgmt. (Sp)		3
		<i>Total credits</i>	<i>Total credits</i>	<i>12</i>	
		<b>13-15</b>			<b>12</b>

(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), Experiential Learning (XL), Interdisciplinary Studies (IS), Communication in the Major (COM), Capstone in the Major (CAP).

\* 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.