

First Year Engineering Courses (31 credits) <https://engineering.purdue.edu/ENE/InfoFor/CurrentStudents/FYEPlan>

- _____ (4) CHM 11500 General Chemistry I (*satisfies Science Selective for core*)
- _____ (4) CHM 11600 General Chemistry II (*satisfies FYE Science Selective*)
- _____ (3) COM 11400 Fundamentals of Speech (*satisfies Oral Communication for core*)
- _____ (4/3) ENGL 10600 English Composition or ENGL 10800 Accelerated English Composition
(*satisfies Written Communication for core*)
- _____ (2/3.5) ENGR 13100 Transforming Ideas to Innovation I or ENGR 14100 Honors Innovation & Creativity in Engineering Design I
(*satisfies Information Literacy for core*)
- _____ (2/3.5) ENGR 13200 Transforming Ideas to Innovation II or ENGR 14200 Honors Innovation & Creativity in Engineering Design II
- _____ (4/5) MA 16500/16100 Calculus I (*satisfies Quantitative Reasoning for core*)
- _____ (4/5) MA 16600/16200 Calculus II
- _____ (4) PHYS 17200 Mechanics (*satisfies FYE Science Selective*)

Chemical Engineering Major Courses (81 credits) https://engineering.purdue.edu/ChE/Academics/Undergrad/degree_requirements

ChE Core Courses (41 credits)

- _____ (0) CHE 20000 ChE Sophomore Seminar
- _____ (4) CHE 20500 ChE Calculations
- _____ (4) CHE 21100 Intro ChE Thermodynamics
- _____ (0) CHE 30000 ChE Junior Seminar
- _____ (3) CHE 30600 Design of Staged Separation Processes
- _____ (3) CHE 32000 Statistical Modeling & Quality Enhancement
- _____ (4) CHE 34800 Chemical Reaction Engineering
- _____ (4) CHE 37700 Momentum Transfer
- _____ (4) CHE 37800 Heat & Mass Transfer
- _____ (1) CHE 40000 ChE Senior Seminar
- _____ (3) CHE 42000 Process Safety Management
- _____ (4) CHE 43500 ChE Laboratory
- _____ (4) CHE 45000 Design & Analysis of Processing Systems
- _____ (3) CHE 45600 Process Dynamics & Control

ChE Science Core (18 credits)

- _____ (3) CHM 26100 Organic Chemistry I
- _____ (1) CHM 26300 Organic Chemistry Laboratory I
- _____ (3) CHM 26200 Organic Chemistry II
- _____ (1) CHM 26400 Organic Chemistry Laboratory II
- _____ (3) CHM 37000 Physical Chemistry
- _____ (4) MA 26100 Multivariate Calculus
- _____ (3) PHYS 24100 Electricity & Optics

ChE Selectives - Select course for each requirement. (22 credits)

https://engineering.purdue.edu/ChE/Academics/Undergrad/degree_requirements

- _____ (3) _____ Biology Selective
- _____ (3) _____ Chemical Engineering Selective
- _____ (3) _____ Engineering Selective
- _____ (3) _____ Engineering Selective
- _____ (3/4) _____ Math Selective I
- _____ (3/4) _____ Math Selective II
- _____ (3) _____ Technical Selective

General Education Electives (18 credits) <https://engineering.purdue.edu/ENE/InfoFor/CurrentStudents/genedcourses>

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|--|-----------------|
| _____ (3) _____ <i>Human Cultures Humanities</i> | _____ (3) _____ |
| _____ (3) _____ <i>Human Cultures Behavioral/Social Science</i> | _____ (3) _____ |
| _____ (3) _____ <i>Science, Technology & Society Selective</i> | _____ (3) _____ |

University Core Requirements <http://www.purdue.edu/provost/initiatives/curriculum/course.html>

<i>Human Cultures Humanities</i>	_____	<i>Science, Technology & Society Selective</i>	_____
<i>Human Cultures Behavioral/Social Science</i>	_____	<i>Written Communication</i>	_____ ENGL 10600 or ENGL 10800
<i>Information Literacy</i>	_____ ENGR 13100 or ENGR 14100	<i>Oral Communication</i>	_____ COM 11400
<i>Science Selective</i>	_____ CHM 11500	<i>Quantitative Reasoning</i>	_____ MA 16100 or 16500
<i>Science Selective</i>	_____ PHYS 17200		

The student is ultimately responsible for knowing and completing all degree requirements.
Degree Works is knowledge source for specific requirements and completion

Chemical Engineering

https://engineering.purdue.edu/ChE/Academics/Undergrad/degree_requirements

Suggested Arrangement of Courses: Accelerated 3 Year Program (August Graduation)

Fall 1st Year		Spring 1st Year		Summer 1st Year	
4	CHM 11500	4	CHM 11600	4	CHE 20500
4	ENGL 10600	3	COM 11400	4	MA 26100
2	ENGR 13100	2	ENGR 13200	3	General Education Elective
4	MA 16500	4	MA 16600		
		4	PHYS 17200		
14	Total Credits	17	Total Credits	11	Total Credits
Fall 2nd Year		Spring 2nd Year		Summer 2nd Year	
0	<i>CHE 20000</i>	0	<i>CHE 30000</i>	3	CHM 26200
4	CHE 21100	3	<i>CHE 32000</i>	1	CHM 26400
3	<i>CHM 26100</i>	3 or 4	Math Selective II	3	Technical Selective
1	<i>CHM 26300</i>	4	CHE 37700	3	General Education Elective
3	PHYS 24100	4	CHE 34800		
3 or 4	Math Selective I				
3	Biology Selective				
17 or 18	Total Credits	15 or 14	Total Credits	10	Total Credits
Fall 3rd Year		Spring 3rd Year		Summer 3rd Year	
3	<i>CHE 30600</i>	4	<i>CHE 45000</i>	3	General Education Elective
1	<i>CHE 40000</i>	4	CHE 43500	3	General Education Elective
3	<i>CHE 45600</i>	3	CHM 37000	3	CHE Selective
3	<i>CHE 42000</i>	3	Engineering Selective	3	Engineering Selective
4	CHE 37800	3	General Education Elective		
3	General Education Elective				
17	Total Credits	17	Total Credits	12	Total Credits

Concurrent prerequisites are listed in *italics*.

Students must earn a "C" or better in CHE 20500 to enroll in any other CHE course.
Students must earn a "C-" or better in CHE 21100, 30600, 32000, 34800, 37700, 37800 to enroll in upper level CHE courses.
130 semester credits required for Bachelor of Science degree in Chemical Engineering.
2.0 Graduation GPA required for Bachelor of Science degree.

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