

Course Planning Specifics: Chemical Engineering

Students considering chemical engineering as a major should make sure that by the end of the first year, that they have completed the chemistry sequence (CH 1010-1040), and the calculus sequence (MA 1021-1024). This can be through a combination of AP or transfer credit, as well as WPI courses. So, if you received AP credit for courses early in the sequence, you can start at the next course in the sequence. [Click here](#) for the degree requirements for Chemical Engineering.

[CHE 1011](#) offered in B-Term, is particularly recommended for students wanting to know more about chemical engineering. An introduction is provided to first principles of chemical engineering, as well as environmental, health, safety, management and ethical issues in chemical engineering practice.

Please note: For chemical engineering majors, GPS courses with HU, SS or BB credit can be used to fulfill distribution requirements. All other GPS credit will count toward free electives.

Example of a typical course schedule for your first two terms

<u>A term</u>	<u>B term</u>
CH 1010	CH 1020
GPS/HU/SS	GPS/HU/SS or ChE 1011
MA	MA
PE (optional)	PE (optional)

Course Planning Worksheet: Chemical Engineering

Math Placement Test Result: _____ AP/IB/Transfer Credit: _____

Abbreviation Key for Course Planning Tracker:

- **GPS** = Great Problems Seminar
- **HU**= Humanities Course (includes AB, AR, CN, EN, GN, HI, HU, INTL, ISE, MU, PY, RE, SP, TH, WR)
- **SS** = Social Science Course (includes ECON, ENV, GOV, PSY, SD, SOC, SS)
- **BB** = Biology Course
- **PH**= Physics Course
- **CH**= Chemistry Course

Any courses marked with an asterisk (*) are optional programs, and can be taken in addition to the three courses.

Please Note: The Great Problems Seminars are a two term sequence course. They are also **linked**. This means that when registering for a GPS course in A term, you must register for its second half in B term.

<u>A Term Selections</u>		<u>B Term Selections</u>	
	<u>(Include CRN)</u>		<u>(Include CRN)</u>
CH 1010		CH 1020	
Math		Math	
GPS, HU, SS, Other		GPS, HU, SS, ChE 1011	
*Physical Education (1/12 credit unit)		*Physical Education (1/12 credit unit)	
*Military Science (Must be affiliated with an ROTC unit)		*Military Science (Must be affiliated with an ROTC unit)	
Back-ups		Back-ups	