

## Course Planning Specifics: Civil Engineering

Students considering civil engineering as a major should make sure that by the end of the first year, that they have completed the calculus sequence (MA 1021-1024). Students with advanced standing in math can continue with differential equations (MA 2051) and statistics (MA 2611). Other first courses include the chemistry sequence (CH 1010 and CH 1020), PH 1110, as well as the introductory Civil and Environmental Engineering course (CE 1030) in C term. 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 Civil Engineering.

Other course options include, selection from the humanities, social science, or GPS is encouraged.

Please note: For civil engineering majors GPS courses with CH or BB credit can be used to fulfill basic science requirements. SS and HU GPS credit can be used to fulfill the HUA and SS requirements. All other GPS credit will count toward free electives.

### Example of a typical course schedule

<b><u>C term</u></b>	<b><u>D term</u></b>
CH1010 or PH 1110	CH1020
MA	MA
GPS/HU/CE 1030	GPS/HU
PE (optional)	PE (optional)

# Course Planning Worksheet: Civil Engineering

AP/IB/Transfer Credit: \_\_\_\_\_

**Abbreviation Key for Course Planning Tracker:**

- **GPS** = Great Problems Seminar
- **HUA**= 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 C term, you must register for its second half in D term.

<u>C Term Selections</u>		<u>D Term Selections</u>	
<u>(Include CRN)</u>		<u>(Include CRN)</u>	
CH1010 or PH 1110		CH1020	
Math		Math	
GPS, HUA, CE 1030		GPS, HUA	
*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	