

CIVIL ENGINEERING, B.S. (CAPITAL)

Begin Campus: Any Penn State Campus

End Campus: Harrisburg

Suggested Academic Plan

The suggested academic plan(s) listed on this page are the plan(s) that are in effect during the 2023-24 academic year. To access previous years' suggested academic plans, please visit the archive (<https://bulletins.psu.edu/undergraduate/archive/>) to view the appropriate Undergraduate Bulletin edition (*Note: the archive only contains suggested academic plans beginning with the 2018-19 edition of the Undergraduate Bulletin*).

Civil Engineering, B.S. at Harrisburg Campus

The course series listed below provides **only one** of the many possible ways to move through this curriculum. The University may make changes in policies, procedures, educational offerings, and requirements at any time. This plan should be used in conjunction with your degree audit (accessible in LionPATH as either an **Academic Requirements** or **What If** report). Please consult with a Penn State academic adviser on a regular basis to develop and refine an academic plan that is appropriate for you.

First Year

Fall	Credits Spring	Credits
ENGL 15, 15S, 30T, or ESL 15 [†]	3 General Education Course	3
EDSGN 100 or 100S	3 ECON 102 or 104 [†]	3
CHEM 110 ^{*#†}	3 CAS 100A or 100S [‡]	3
CHEM 111 [†]	1 MATH 141 ^{*#†}	4
MATH 140 ^{*#†}	4 PHYS 211 ^{*#†}	4
CE 100S	1	
	15	17

Second Year

Fall	Credits Spring	Credits
General Education Course	3 General Education Course	3
GEO SC 1	3 CMPSC 121, 200, or 201	3
EMCH 211 [*]	3 EMCH 212 [*]	3
PHYS 212 [*]	4 EMCH 213 [*]	3
MATH 251 [*]	4 MATH 220	2
	STAT 401	3
	17	17

Third Year

Fall	Credits Spring	Credits
CE 310 [*]	3 CE 321 [*]	3
CE 336 [*]	3 CE 370 [*]	3
CE 337	1 CE 335 [*]	3
CE 340 [*]	3 ME 201	3
CE 332 [*]	3 Civil Engineering Elective	3
CE 360 [*]	3 General Education Course (GHW)	1.5
	16	16.5

Fourth Year

Fall	Credits Spring	Credits
ENGL 202C [‡]	3 CE 4XXW Capstone Design	3
General Education Course	3 Technical Elective	3
Civil Engineering Elective	3 Technical Elective	3
Technical Elective	3 General Education Course	3
Technical Elective	3 General Education Course (GHW)	1.5
	15	13.5

Total Credits 127

- * Course requires a grade of C or better for the major
- ‡ Course requires a grade of C or better for General Education
- # Course is an Entrance to Major requirement
- † Course satisfies General Education and degree requirement

University Requirements and General Education Notes:

US and IL are abbreviations used to designate courses that satisfy Cultural Diversity Requirements (United States and International Cultures).

W, M, X, and Y are the suffixes at the end of a course number used to designate courses that satisfy University Writing Across the Curriculum requirement.

General Education includes Foundations (GWS and GQ), Knowledge Domains (GHW, GN, GA, GH, GS) and Integrative Studies (Inter-domain) requirements. N or Q (Honors) is the suffix at the end of a course number used to help identify an Inter-domain course, but the inter-domain attribute is used to fill audit requirements. Foundations courses (GWS and GQ) require a grade of 'C' or better.

Program Notes

- Graduation in this major requires a minimum of 127 total credits.
- **Civil Engineering Elective:** CE Electives must be selected from two of these specific technical areas in the program: Structures; Water Resources Engineering; Environmental Engineering.
- **Health and Physical Activity Elective:** Students who complete the ROTC Program may substitute 3 ROTC credits for the GHW requirement and 3 ROTC credits for ME 201.
- **Technical Elective:** Select from department list. Students who complete the Cooperative Education Program may substitute the 3-credit sequence of ENGR 295, ENGR 395, and ENGR 495 for a Technical Elective.
- ** If a student is pursuing the Structural sub-discipline in Civil Engineering, if CE 340 is not taken in the 5th semester, it may delay graduation.
- *** Environmental and water resources students may substitute 1 credit of CE 475 for CE 337.