

ELECTRICAL ENGINEERING, B.S. (CAPITAL)

Seven Penn State campuses are scheduled for closure after Spring 2027: DuBois, Fayette, New Kensington, Mont Alto, Shenango, Wilkes-Barre, and York. New students are not being admitted at these campuses.

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 2026-27 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.

Electrical 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
EDSGN 100 or 100S ¹	3 CHEM 110 ^{*#†}	3
ENGL 15, 15S, 30T, or ESL 15 ^{†1}	3 CHEM 111	1
MATH 140 ^{*†#†}	4 CMPSC 131 or 201 ³	3
PHYS 211 ^{*#†}	4 MATH 141 ^{*††}	4
General Education Course (Inter-Domain) ²	3 PHYS 212 ^{*†}	4
	General Education Course (GHW)	1.5
	17	16.5

Second Year

Fall	Credits Spring	Credits
CMPEN 271 [*]	3 EE 317 [*]	3
CMPEN 275 [*]	1 CMPEN 372	3
EE 210 [*]	4 MATH 220	3
MATH 250	3 MATH 230	4
PHYS 213	2 ENGL 202C ^{*††}	3
PHYS 214	2	
General Education Course (GHW)	1.5	
	16.5	16

Third Year

Fall	Credits Spring	Credits
CAS 100A or 100S ^{*††1}	3 EE 311	3
ECON 102 or 104 [†]	3 EE 330 ⁵	4
EE 310 [*]	4 EE 352 [*]	4

EE 341 ⁴	3 EE 385 ⁵	3
STAT 318 or 414	3 ENGR 320Y [†]	3
	SSET 295 (see footnotes) ⁶	(1)
	16	17

Fourth Year

Fall	Credits Spring	Credits
EE 405 [*]	1 EE 406W [*]	3
EE 461 ⁴	4 Technical Elective	3
EE 481	4 Technical Elective	3
Technical Elective	3 General Education Course (Inter-Domain) ²	3
General Education Course (GA) (not Inter-Domain) ²	3 General Education Course (GH) (not Inter-Domain) ²	3
	15	15

Total Credits 129

* 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

¹ First-year students at Penn State Harrisburg must take 1 to 3 credits of a First-Year Seminar course, as indicated by the "S" designation at the end of the course number. The program recommends students complete this during their first semester with one of the following courses: ENGL 15S, EDSGN 100S, or CAS 100S.

² One of the General Education courses must satisfy the US or IL requirement (ENGR 320Y satisfies the other). The knowledge domains that must be satisfied are indicated in parentheses, but these courses may be taken in any order. The GA and GH courses must not be Inter-Domain courses (Inter-Domain courses are courses ending with an "N" suffix, e.g. ABC 123N).

³ CMPSC 131 recommended.

⁴ EE 341 and EE 461 are only offered during Fall semesters.

⁵ EE 330 and EE 485 are only offered during Spring semesters.

⁶ Most students complete their SSET 295 credit during a summer semester while working at a paid internship with an engineering company.

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.