

MECHANICAL ENGINEERING, B.S. (BERKS)

Begin Campus: Any Penn State Campus

End Campus: Berks

Suggested Academic Plan

The suggested academic plan(s) listed on this page are the plan(s) that are in effect during the 2021-22 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 contain suggested academic plans beginning with the 2018-19 edition of the Undergraduate Bulletin*).

Mechanical Engineering, B.S. at Berks 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 or 30H (GWS) [†]	3	CAS 100A or 100B (GWS) [†]	3
MATH 140 (GQ) ^{*‡#}	4	MATH 141 (GQ) ^{*‡#}	4
CHEM 110 ^{*#}	3	MATH 220 [*]	3
EDSGN 100	3	CMPSC 200	3
General Education Course (GA or GH or GS)	3	PHYS 211 (GN) ^{*#†}	4
First-Year Seminar	1	CHEM 111	1
	17		18

Second Year

Fall	Credits	Spring	Credits
EMCH 211 [*]	3	ENGL 202C (GWS) [†]	3
MATH 230	4	EE 211	3
MATH 251 [*]	4	EMCH 212 [*]	3
PHYS 212 (GN) [†]	4	EMCH 213 [*]	3
General Education Course (GHW)	1.5	ME 300 [*]	3
		PHYS 214 (GN) [†]	2
	16.5		17

Third Year

Fall	Credits	Spring	Credits
ME 320 [*]	3	ME 357 [*]	3
ME 345W [*]	4	ME 367 [*]	3
ME 349 [*]	3	ME 380 [*]	3
ME 365 [*]	1	ME 410 [*]	3
MATSE 259 [*]	3	General Education Course (GA or GH or GS)	3
ECON 102 or 104 (GS) [†]	3		
	17		15

Fourth Year

Fall	Credits	Spring	Credits
ME 355 (Satisfies Technical Lab Elective, Consult adviser for details) [*]	1	ME 449 [*]	3
ME 448 [*]	3	Technical Elective [*]	3
ME 468 [*]	3	Technical Elective [*]	3
Technical Elective [*]	3	General Education Course (GA or GH or GS)	3
Technical Elective [*]	3	General Education Course (GA or GH or GS)	3
General Education Course (GA or GH or GS)	3	General Education Course (GHW)	1.5
	16		16.5

Total Credits 133

* 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 The following courses are offered Fall Semester only: MATSE 259, ME 320, 345, 349, 355, 448, 468.

2 The following courses are offered Spring Semester only: EMCH 212, 213, ME 357, 367, 380, 410, 449, PHYS 214.

3 Take (CHEM 111 & PHYS 214) or BIOL 141 or BIOL 161 or CHEM 112.

4 Technical Elective include Fall: ME 470, ME 445, STAT 401, & ME 495. Spring: ME 427, ME 461, KINES 488 & ME 495, Summer: ME 495.

University Requirements and General Education Notes:

US and IL are abbreviations used to designate courses that satisfy University 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.

GWS, GQ, GHW, GN, GA, GH, and GS are abbreviations used to identify General Education program courses. General Education includes Foundations (GWS and GQ) and Knowledge Domains (GHW, GN, GA, GH, GS, and Integrative Studies). Foundations courses (GWS and GQ) require a grade of 'C' or better.

Integrative Studies courses are required for the General Education program. N is the suffix at the end of a course number used to designate an Inter-Domain course and Z is the suffix at the end of a course number used to designate a Linked course.