

MATHEMATICS, B.A.

Begin Campus: Any Penn State Campus

End Campus: University Park

Suggested Academic Plan

The suggested academic plan(s) listed on this page are the plan(s) that are in effect during the 2024-25 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.

Mathematics, B.A. at University Park 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
MATH 140 ^{*†‡††}	4 MATH 141 ^{*†‡††}	4
STAT 200 [*]	4 MATH 220 [*]	3
ENGL 15, 30H, or ESL 15 [†]	3 World Language Level 2	4
World Language Level 1	4 General Education Course	3
PSU 16	1 General Education Course	3
	16	17

Second Year

Fall	Credits Spring	Credits
MATH 230 [*]	4 MATH 250 or 251 [*]	3-4
MATH 311W [*]	3 MATH 312 [*]	3
World Language Level 3	4 CMPSC 101, 121, 131, 200, or 201 [*]	3
General Education Course	3 General Education Course	3
	Supporting Course (Chosen in consultation with an academic adviser)	3
	14	15-16

Third Year

Fall	Credits Spring	Credits
MATH 411, 412, 417, 419, or 421 ^{*1}	3 MATH 435 or 436 [*]	3
CAS 100A, 100B, or 100C [†]	3 ENGL 202C, 202A, 202B, or 202D [†]	3
BA World Cultures	3 Supporting Course (Chosen in consultation with an academic adviser)	3-4
General Education Course	3 BA Fields	3
General Education Course	3 General Education Course (GHW)	1.5
General Education Course (GHW)	1.5	
	16.5	13.5-14.5

Fourth Year

Fall	Credits Spring	Credits
MATH 403 [*]	3 MATH 400-Level ^{*2}	3
MATH 400-Level ^{*2}	3 BA Fields	3
BA Fields	3 General Education Course	3
Supporting Course (Chosen in consultation with an academic adviser)	3 General Education Course	3
General Education Course	3	
	15	12

Total Credits 119-121

- * 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 To take MATH 412 or MATH 417 in a Spring semester, swap it with MATH 435 or MATH 436 in Third Year Spring or with a MATH 400-level in Fourth Year Spring. To take MATH 421, swap it with MATH 403 in Fourth Year Fall.

² Excluding MATH 401, MATH 405, MATH 406, MATH 441, MATH 470, MATH 471. At most 2 credits of MATH 400 or MATH 497 Learning Assistant Experience may be used.

Bachelor of Arts Requirements:

Bachelor of Arts students must take 9 credits in Bachelor of Arts (B.A.) Fields (Humanities; Social and Behavioral Sciences; Arts; World Languages [2nd language or beyond the 12th credit level of proficiency in the 1st]; Natural Sciences; Quantification). The B.A. Fields courses may not be taken in the area of the student's primary major. See your adviser and the Degree Requirements section (<https://bulletins.psu.edu/undergraduate/general-information/academic-information/>) of this Bulletin.

Bachelor of Arts students must take 3 credits in World Cultures. See your adviser and the full list of courses approved as World Cultures courses (<https://bulletins.psu.edu/undergraduate/general-education/course-lists/ba-world-cultures/>).

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.

All incoming Schreyer Honors College first-year students at University Park will take ENGL 137H/CAS 137H in the fall semester and ENGL 138T/CAS 138T in the spring semester. These courses carry

the GWS designation and satisfy a portion of that General Education requirement. If the student's program prescribes GWS these courses will replace both ENGL 15/ENGL 30H and CAS 100A/CAS 100B/CAS 100C. Each course is 3 credits.