

# MATHEMATICS, B.A. (SCIENCE)

**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 2020-21 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*).

### 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 <sup>*†#†</sup>	4 MATH 141 <sup>*†#†</sup>	4
STAT 200	4 MATH 220 <sup>*</sup>	2
ENGL 15 <sup>‡</sup>	3 World Language level 2	4
World Language level 1	4 General Education Course	3
PSU 16	1 General Education Course	3
	<b>16</b>	<b>16</b>

#### Second Year

Fall	Credits Spring	Credits
MATH 230 <sup>*</sup>	4 MATH 250 or 251 <sup>*</sup>	3-4
MATH 311W <sup>*</sup>	3 MATH 312 <sup>*</sup>	3
World Language level 3	4 CMPSC 101, 121, or 201	3
General Education Course	3 General Education Course	3
	Supporting Course (Chosen in consultation with an academic adviser)	3
	<b>14</b>	<b>15-16</b>

#### Third Year

Fall	Credits Spring	Credits
MATH 411, 412, 417, 419, or 421 <sup>*</sup>	3 MATH 435 or 436 <sup>*</sup>	3
CAS 100, 100A, 100B, or 100C	3 B.A. Fields	3
General Education Course	3 Supporting Course (Chosen in consultation with an academic adviser)	3
General Education Course	3 ENGL 202C, 202A, 202B, or 202D	3

Other Cultures	3 Supporting Course (Chosen in consultation with an academic adviser)	3
General Education Course (GHW)	1.5 General Education Course (GHW)	1.5
	<b>16.5</b>	<b>16.5</b>
<b>Fourth Year</b>		
<b>Fall</b>	<b>Credits Spring</b>	<b>Credits</b>
MATH 403 <sup>*</sup>	3 MATH 400 level selection: any 400 level except MATH 401, 405, 406, 470 and 471	3
MATH 400 level selection: any 400 level except MATH 401, 405, 406, 470 and 471	3 General Education Course	3
General Education Course	3 B.A. Field	3
B.A. Field	3 Supporting Course (Chosen in consultation with an academic adviser)	3
Supporting Course (Chosen in consultation with an academic adviser)	2-3	
	<b>14-15</b>	<b>12</b>

#### Total Credits 120-122

- \* 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

#### 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 (<http://bulletins.psu.edu/undergraduate/general-information/academic-information/>) of this Bulletin.

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

#### 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.

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 replace both ENGL 30H and CAS 100. Each course is 3 credits.