



GENERAL EDUCATION REQUIREMENTS

KNOWLEDGE DOMAINS

Natural Sciences (GN), 9 credits

- BIOL 110, 4 credits
- CHEM 110 & 111, 4 credits
- CHEM 112 & 113, 4 credits

Arts (GA), 6 credits[%]

(3 credits must NOT be inter-domain*)

- _____
- _____

Humanities (GH), 6 credits[%]

(3 credits must NOT be inter-domain*)

- _____
- _____

Social and Behavioral Sciences (GS), 6 credits[%]

(3 credits must NOT be inter-domain*)

- PSYCH 100, 3 credits
- SOC 1, 3 credits

Health and Wellness (GHW), 3 credits[%]

(3 credits must NOT be inter-domain*)

- NUTR 251, 3 credits

Additional Knowledge Domain Courses, 0-6 credits*

- _____
- _____

FOUNDATIONS

Writing & Speaking (GWS), 9 credits *C or better required*

- ENGL 15⁺ or ENGL 30 or ESL 15, 3 credits
- CAS 100⁺, 3 credits
- ENGL 202 A, B, C, or D, 3 credits (Option A or C preferred)

** For Schreyer Honors students, ENGL 15 and CAS 100 are replaced with ENGL/CAS 137 and ENGL/CAS 138.*

Quantification (GQ), 6 credits *C or better required*

- MATH 140, 4 credits
- MATH 141, 4 credits

ADDITIONAL UNIVERSITY REQUIREMENTS

Requirements in this category only may be satisfied by courses being used elsewhere for the degree.

First-Year Seminar (FYS), 1 credit

- PSU 16, 1 credit

United States Cultures (US), 3 credits

- _____

International Cultures (IL), 3 credits

- _____

Writing Across the Curriculum (WAC), 3 credits

- BIOL 110, 1 credit
- CHEM 213W, 2 credits

Integrative Studies (IS), 6 credits

Must be two (paired) Linked courses (Z-suffix), or two (distinct) Inter-domain* courses (N-suffix)

- _____
- _____

***Inter-domain courses** span across two different Knowledge Domains. One inter-domain course may count as 3 credits toward each Domain, but 30 distinct credits of Knowledge Domain courses (GN/GA/GH/GS/GHW) are required in total.

[%]**Move-3 Substitution:** A student may choose to shift 3 credits of courses from the GN, GA, GH, or GS categories to either GN, GA, GH, GS, or GHW categories at the approval of an Academic Adviser.

**PENN STATE UNIVERSITY
EBERLY COLLEGE OF SCIENCE
SCIENCE (SC BS) AND PREMEDICINE (PM) MAJORS**

**PROGRAM LIST EXCLUSIONS:
COURSEWORK NOT APPLICABLE TO
DEGREE REQUIREMENTS**

Students may select supporting courses from nearly the entire range of the University's course offerings. However, the following courses may **NOT** be used to satisfy degree requirements in the Science and Premedicine majors. This list applies to ALL options in the Science BS major.

BIOL	001, 003, 011*, 012*
BI SC	001, 002, 003*, 004*
B M B	001*
CAS	126
CHEM	001, 003, 005, 101, 108
CMPSC	100
ENGL	004, 005
ESL	004, 005
LL ED	005, 010
MATH	003, 004, 010, 017, 018, 021, 022, 026, 030, 033, 034, 035, 036, 040, 041, 081, 082, 083, 097, 110, 111, 200
MICRB	150, 151A, 151B, 151C, 151D, 151E, 151F, 151G, 151W
PHYS	001, 010, 097, 114, 150, 151
STAT	100

*On rare occasions, with adequate justification, a student may be permitted to use one or more of these courses to satisfy degree requirements. A petition must be submitted to request such an exception. Consult with your academic adviser.

In addition, the following types of courses may not be used to satisfy degree requirements in the Science or Premedicine majors:

- Courses which are remedial in nature or which focus on reading improvement or study skills.
- Courses which substantially duplicate the subject matter covered in other completed courses taught at a comparable level.

Some courses may be counted toward degree requirements in the Science and Premedicine majors with some restrictions:

- No more than 4 credits of MATH 140A may be used.
- No more than 6 credits of ROTC courses (AIR, ARMY, NAVSC) may be used.
- No more than 12 credits of independent study (296, 496, etc.) may be used.
**Unless special permission is granted, Independent Study credit may only be used in "Supporting Courses" and "Any 400-level Course Work" categories.
- No more than 5 credits of KINES Physical Activity courses may be used.
**KINES Health Courses (KINES 180, etc.) are not limited to 5 credits.