

CORE AREA D

Core Area D: Natural Sciences, Math, and Technology

Core Area D is satisfied by students completing 8 semester hours from the science list and 4 semester hours from the Mathematics list.

Science

8 semester hours

Notice: The School of Biological Sciences has updated the course pre-fix for BIOL and APPH courses (excluding APPH 1040 and APPH 1050) effective in the 2019-20 Catalog year. Students who have taken BIOL 1220, BIOL 1510, BIOL 1520 may still use those courses toward Core D requirements.

Code	Title	Credit Hours
CHEM 1211K	Chemical Principles I	4
CHEM 1212K	Chemical Principles II	4
CHEM 1310	Principles of General Chemistry for Engineers	4
BIOS 1220	Biology of Sex & Death	4
BIOS 1107 & 1107L	Biological Principles and Biological Principles Laboratory ¹	4
BIOS 1108 & 1108L	Organismal Biology and Organismal Biology Laboratory ²	4
EAS 1600	Introduction to Environmental Science	4
EAS 1601	Habitable Planet	4
EAS 2600	Earth Processes	4
PHYS 2211	Introductory Physics I	4
PHYS 2212	Introductory Physics II	4

¹ Biology majors should take BIOS 1207 and BIOS 1207L.

² Biology majors should take BIOS 1208 and BIOS 1208L.

Mathematics

4-6 semester hours

All students with majors in the Colleges of Architecture, Engineering, and Science

Code	Title	Credit Hours
MATH 1551	Differential Calculus	2
MATH 1553	Introduction to Linear Algebra	2

All students with majors in the College of Computing

Code	Title	Credit Hours
MATH 1551	Differential Calculus	2
MATH 1554	Linear Algebra	4

All other majors ¹

Select one of the following:

Code	Title	Credit Hours
MATH 1711	Finite Mathematics	4
	or MATH 1551 Differential Calculus	
	& MATH 1553 Introduction to Linear Algebra	

Honors versions of the above courses are also accepted.

¹ In the case of a degree (major) that is jointly offered and the Colleges' requirements in this area are different, the student must complete the course that is specified in the curriculum for the degree, regardless of which college is the declared "home" of the student. This area of the Core Curriculum is driven by the requirements of the specific degree program, not by the general requirements of the College, if a degree is jointly offered.