



UNIVERSITY *of*
DENVER

Natural Sciences and Mathematics

June 2020

Prof. Nicholas Ormes, Associate Dean

Natural Sciences and Mathematics

Departments

- Biological Sciences
- Chemistry and Biochemistry
- Geography and the Environment
- Physics and Astronomy
- Mathematics

In most cases, we advise students to take 4 classes (16 credit hours) per quarter, but there are many exceptions.



Biological Sciences/Biochemistry Fall Quarter

Fall	Credits
FSEM 1111 – First Year Seminar	4
CHEM 1010 – General Chemistry	3
CHEM 1240 – Gen Chem Lab	1
MATH 1951 – Calculus 1	4
Common Curriculum or Elective*	4
Total Credits:	16

Applies to Majors:

- BA or BS in Biological Sciences
- Concentration in Cognitive Neuroscience
- Molecular Biology
- Ecology and Biodiversity
- Biochemistry

Notes:

* - Avoid starting a sequence of courses such as foreign language with this slot since you will need room for Biology courses in the winter and spring quarter.



Chemistry Fall Quarter

Fall	Credits
FSEM 1111 – First Year Seminar	4
CHEM 1010 – General Chemistry	3
CHEM 1240 – Gen Chem Lab	1
MATH 1951 – Calculus 1	4
Common Curriculum or Elective*	4
Total Credits:	16

Applies to Majors:

- BA or BS in Chemistry
- Environmental Chemistry

Notes:

* - May take a sequence such as foreign language with this slot if NOT planning to take a Biology course in the winter & spring quarters.



Geography and the Environment Fall Quarter

Fall	Credits
FSEM 1111 – First Year Seminar	4
GEOG 1201 – Environmental Systems: Weather*	4
GEOG 1410 – People, Places and Landscapes**	4
MATH, Common Curriculum or Elective***	4
Total Credits:	16

Applies to Majors:

- BA or BS in Geography
- Environmental Science
- Geographic Information Systems (GIS)

Notes:

* - Honors students should take GEOG 1264 in place of GEOG 1201.

** - GEOG 1410 is offered Fall, Winter, and Spring quarters and only needs to be taken once.

Env Science majors should take GEOG 1410 in the fall to have room for BIOL in winter.

*** - Several options here including calculus or common curriculum requirements.



Physics and Astronomy Fall Quarter

Fall	Credits
FSEM 1111 – First Year Seminar	4
PHYS 1200 – Physics Preparatory	2
MATH 1951 – Calculus 1	4
One or two additional classes*	4-8
Total Credits:	14-18

Applies to Majors:

- BA or BS in Physics, all concentrations

Notes:

* - BS students are required to have credit for
CHEM 1010/1240 (General Chemistry) offered in fall,
BIOL 1011/1021 (Evolution, Heredity and Biodiversity) offered in winter, or
BIOL 1010/1020 (Physiological Systems) offered in spring.
Common curriculum courses, including foreign language are also an option.



Mathematics Fall Quarter

Fall	Credits
FSEM 1111 – First Year Seminar	4
MATH 1951 – Calculus 1	4
Two additional classes*	8
Total Credits:	16

Applies to Majors:

- BA or BS in Mathematics
- Finance concentration

Notes:

* - Common curriculum courses, or exploration of a possible minor/double major.



More Information on requirements & course plans

Go to the Undergraduate Bulletin: <http://bulletin.du.edu/>

Information on majors

bulletin.du.edu/undergraduate/majorsminorscoursedescriptions/traditionalbachelorsprogrammajorandminors/

AP/IB Credits

<http://bulletin.du.edu/undergraduate/undergraduateprograms/examinations/>

Individual Department Contacts:

<https://science.du.edu/academics/degree-programs>

See other videos on common curriculum and pre-health advising.



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