

New Student Advising Natural Sciences and Mathematics (NSM)

Prof. Nicholas Ormes, Associate Dean



Natural Sciences and Mathematics (NSM)

Departments

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

Default schedule

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



New Student Fall Quarter Default Schedule

Biological Sciences

Applies to Majors:

- Biological Sciences
- Molecular Biology
- Ecology and Biodiversity
- Physiology in Health & Disease

COURSE	Credits
FSEM 1111 – First Year Seminar	4
CHEM 1010 – General Chemistry	3
CHEM 1240 – Gen Chem Lab	1
MATH 1951 – Calculus 1 or BIOL 2090 – Biostatistics *	4
Common Curriculum or Elective**	4
Total Credits	16

Notes:

* - Calculus 1 is required for all majors in Biological Sciences. Students may delay Calculus 1 until the winter quarter and take Biostatistics in the fall.

** - Avoid starting a sequence of courses such as a language sequence since space in the schedule will be needed for Biology courses in the winter and spring quarter.



Chemistry & Biochemistry

Applies to Majors:

- Chemistry
- Biochemistry
- Environmental Chemistry

New Student Fall Quarter Default Schedule

COURSE	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

Note:

* - Biochemistry students should avoid starting a sequence of courses such as language sequence since space will be needed for Biology courses in the winter and spring quarter. Chemistry majors may take a language sequence with this slot if NOT planning to take a Biology course in the winter & spring quarters.



Geography & the Environment

Applies to Majors:

- Geography
- Environmental Science
- Geographic Information Systems (GIS)

New Student Fall Quarter Default Schedule

COURSE	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

Notes:

* - Honors students replace GEOG 1201 with GEOG 1264, Global Environmental Change.

** - GEOG 1410 is offered every quarter 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.



New Student Fall Quarter Default Schedule

Mathematics

Applies to Majors:

- Mathematics including
 - Concentration in Finance
 - Concentration in Artificial Intelligence

COURSE	Credits
FSEM 1111 – First Year Seminar	4
MATH 1951 – Calculus 1	4
Two Additional Courses*	8
Total Credits	16

Notes:

* - Two additional courses could be common curriculum, exploration of a minor/double major, or electives.



Physics & Astronomy

Applies to Majors:

- Physics including
 - Concentration in Biological Physics
 - Concentration in Computational Physics
 - Concentration in Nanophysics

New Student Fall Quarter Default Schedule

COURSE	Credits
FSEM 1111 – First Year Seminar	4
PHYS 1200 – Physics Preparatory	2
MATH 1951 – Calculus 1	4
One or Two Additional Courses*	8
Total Credits	14-18

Notes:

* - BS students are required to have credit for
CHEM 1010/1240 (fall),
BIOL 1011/1021 (winter), or
BIOL 1010/1020 (spring).

Common curriculum courses, including foreign language are also an option.



College of Natural Sciences
& Mathematics

UNIVERSITY OF DENVER

Additional Information

Where to go for more information

Bulletin site: bulletin.du.edu

Natural Sciences and Math: science.du.edu

See also

- FAQs
- Video on Pre-health Advising