

Suggested Sequence for BS Biology with Molecular Biology Concentration

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¹ Students may opt for either MATH 116 or MATH 335. If opting for MATH 116 in Spring of freshman year, the UCOR course asterisked under Spring of freshmen year can be taken instead of MATH 335 during Spring of sophomore year.

²BIOL electives may be chosen from any concentration. The following electives are suggested based on a significant cell/molecular component. Student in this track are not required to have a supra-organismal concentration.

BIOL 313	Developmental Biology
BIOL 319	General Microbiology
BIOL 405	Microbial Genetics
BIOL 424	Immunology
BIOL 460	Endocrinology
BIOL 475	Neurobiology
BIOL426	Pathogenic Microbiology
BIOL 250/468	Genetics / Human Genetics*

*one of these courses is required, the other may be taken as elective credit

CHEM402	Biochemistry II
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*If opting for this, should ideally be taken Spring of year 3, following CHEM 401

10/13/17

³Undergraduate research is recommended but not required. The following courses related to undergraduate research and an Honors thesis (an option for some students) earn elective credit:

BIOL398/399/415H	Undergrad Research/Honors Research (max 6 credits of elective credit)
BIOL394	Biology Research Forum (1 credit course for students engaged in research)

⁴The following CHEM courses (in addition to 402) are possible as elective credits, CHEM 301 (Phys Chem for Life Sciences), CHEM 510 (Bioanalytical Chem).

The University will offer various courses each semester to satisfy the UCOR requirements. UCOR courses can be taken in any sequence throughout the undergraduate curriculum

- Notes:**
- A minimum grade of C in Biology I & II, Cell & Molecular Biology is prerequisite for all advanced biology courses
 - Students must maintain an overall grade point average (GPA) of 2.00 or better to remain enrolled in BSNES
 - Students must maintain a GPA of 2.00 in biology courses in order to graduate