

Biological Sciences, Pre-Medicine Option

PROGRAM REQUIREMENTS

	Credit Hours
GENERAL EDUCATION	37
ENGLISH COMPOSITION	
ENGL 1113 English Composition I.....	3
ENGL 1213 English Composition II	3
HISTORY AND GOVERNMENT	
HIST 1483 American History to 1877 (or)	
HIST 1493 Am. History Since 1877	3
POLI 1113 American Government	3
HUMANITIES	
Electives	6
One 3-hour course to be chosen from those listed with International Dimension and 3 hours of humanities electives.	
MATHEMATICS	
MATH 1513 College Algebra*	3
SCIENCE	
BISI 1124 Biology for Majors	4
CHEM 1314 General Chemistry I	4
COMPUTER SCIENCE	
BSAD 1113 Digital/Financial Literacy.....	3
(or other approved computer course)	
ORIENTATION	
ORNT 1101 Freshman Orientation	1
GENERAL EDUCATION ELECTIVES.....	4
Select courses from: Language Arts, Natural Sciences, Foreign Languages, Fine Arts, Humanities, Mathematics, Behavioral or Social Sciences.	
It is advised that if a student takes a <u>three</u> credit hour course to apply to this requirement, the fourth credit hour may be counted from the overage hours taken from the Recommended Program Electives below.	
PROGRAM REQUIREMENTS.....	20
BISI 2124 Microbiology	4
BISI 2104 Human Anatomy	4
CHEM 1414 General Chemistry II	4
**PHYS 1114 General Physics I	4
**PHYS 1214 General Physics II	4
Substitutions may be made with prior approval.	
RECOMMENDED PROGRAM ELECTIVES ...	3
GEOG 2253 World Regional Geography ...	3
SOCI 1113 General Sociology	3
SPCH 1713 Intro to Oral Communication ...	3
PSYC 1113 General Psychology	3
MATH 1613 Plane Trigonometry	3
BISI 2204 Human Physiology	4
HPET 2212 First Aid.....	2
NUTR 2123 Intro to Human Nutrition	3
TOTAL CREDIT HOURS.....	60

* Students scoring 26 or above on the math subsection of the ACT do not have to take MATH 1513 College Algebra.

SUGGESTED COURSE SEQUENCE

	Credit Hours
FIRST SEMESTER	17
ENGL 1113 English Composition I	3
BISI 1124 Biology for Majors	4
ORNT 1101 Freshman Orientation	1
POLI 1113 American Government	3
MATH 1513 College Algebra	3
Humanities elective	3
SECOND SEMESTER	14
ENGL 1213 English Composition II	3
CHEM 1314 General Chemistry I	4
BISI 2104 Human Anatomy.....	4
BSAD 1113 Digital/Financial Literacy.....	3
THIRD SEMESTER	15
HIST 1483 American History to 1877 (or)	
HIST 1493 American History Since 1877 ...	3
BISI 2124 Microbiology	4
PHYS 1114 General Physics I	4
CHEM 1414 General Chemistry II.....	4
FOURTH SEMESTER.....	14
Humanities Elective	3
PHYS 1214 General Physics II	4
General Education Elective.	4
Program Elective	3

This is a suggested sequence timeline only. A student may require more than four semesters to complete this Associate in Science degree.

**These program courses are typically offered only once a year. See course descriptions for fall or spring designations and plan accordingly.

The Pre-Medicine degree option is designed for the student whose goal is to be a medical doctor. Students wishing to go into a different medical field such as physical therapy should consult an academic advisor in pre-medicine about specific requirements. Students should consult the catalog from the institution to which they are planning to transfer to carefully select courses that will meet requirements to complete their bachelor's degree.

- Career Opportunities
- Chiropractor
 - Dental Hygiene
 - Medical Doctor
 - Funeral Science
 - Nutrition
 - Occupational Therapist
 - Optometry
 - Osteopathic Medical Research
 - Physical Therapist
 - Wellness

NOC evaluates students for placement into either foundational or college-level courses, whichever will lead to the greatest possibility of student success. Academic placement is determined either by ACT test scores or by COMPASS test scores. These tests are administered in the Testing Center at NOC. Based upon the scores, some or all of the following four courses may need to be taken:

- MATH 0023 Concepts of Algebra
- MATH 0123 Intermediate Algebra
- ENGL 0123 Basic Composition
- READ 0123 Critical Content Reading and Scientific Reasoning