

COUNTY COLLEGE OF MORRIS
CURRICULUM CHECK SHEET
 Requirements for Graduation
A.S. DEGREE

#2160
BIOLOGY: ENVIRONMENTAL TRACK
 Science & Math Degree

Name: _____
 ID: _____ Total Transfer Credits: _____

FALL 2022

COURSE	CODE	CR	GR	TR
General Education Foundation (32 CR)				
COMMUNICATION (6 CR)				
English Composition I	ENG 111	3		
English Composition II	ENG 112	3		
MATH/SCIENCE/TECHNOLOGY (11 CR)				
Precalculus	MAT 123	4		
Biology Elective*		4		
Math/Science/Technology Elective*		3		
SOCIAL SCIENCE (3 CR)				
Choose from General Education course list (Social Science)		3		
HUMANITIES (3 CR)				
Choose from General Education course list (Humanities)		3		
SOCIAL SCIENCE OR HUMANITIES (3 CR)				
Choose from General Education course list (Social Science or Humanities)		3		
GENERAL EDUCATION ELECTIVES (6 CR)*				
Choose from General Education course list		3		
		3		
ENVIRONMENTAL SCIENCE CORE (28 CR)				
General Biology I	BIO 121	4		
General Biology II	BIO 122	4		
Ecology	BIO 202	4		
General Chemistry I Lecture	CHM 125	3		
General Chemistry I Lab	CHM 126	1		
General Chemistry II Lecture	CHM 127	3		
General Chemistry II Lab	CHM 128	1		
Probability and Statistics	MAT 130	4		
FREE ELECTIVES (4 CR)				
		4		
TOTAL		60		

NOTES:

This is an unofficial document and should be used for academic planning purposes only. All students are required to see their Academic Advisors each semester to discuss and approve their selection of courses before they register.

Due to continual program revisions mandated by accrediting agencies and/or changes in state mandated requirements, students should consult their academic advisor when selecting courses.

If you need the name of your academic advisor, contact the Biology/Chemistry Department, 973-328-5360.

The Environmental Track is intended for students seeking a career in ecology, environmental science, marine biology and field biology.

To determine the transferability of your courses to participating NJ Colleges & Universities, visit the NJ Transfer site at www.njtransfer.org.

Science courses completed by students prior to entering the program must be less than seven years old. If the science courses exceed the seven-year limit, students must prove their competency by testing, or they must retake the courses.

Note: All developmental Math and English courses (including ESL) must be completed before enrolling in the core science courses.

*See back for more information.

BIOLOGY: ENVIRONMENTAL TRACK

Science & Math Degree

#2160

Suggested Sequence by Semester

This suggested sequence does not include any required developmental courses.

Degree completion time may vary depending upon the number of credits taken each semester.

SEMESTER I			SEMESTER II		
		CREDITS			CREDITS
English Composition I	ENG 111	3	English Composition II	ENG 112	3
General Biology I	BIO 121	4	Humanities/Social Sci. Elective		3
Precalculus	MAT 123	4	General Biology II	BIO 122	4
Humanities Elective		3	Probability and Statistics	MAT 130	4
	TOTAL	14		TOTAL	14
SEMESTER III			SEMESTER IV		
General Education Elective		3	General Education Elective		3
General Chemistry I Lecture	CHM 125	3	General Chemistry II Lecture	CHM 127	3
General Chemistry I Lab	CHM 126	1	General Chemistry II Lab	CHM 128	1
Ecology	BIO 202	4	Biology Elective		4
Social Science Elective		3	Free Elective		4
Math/Science/Technology Elective		3			
	TOTAL	17		TOTAL	15

MATH/SCIENCE/TECHNOLOGY

MATHEMATICS: Depending on Math proficiency, students may take MAT 123 and MAT 130, or MAT 123 and MAT131, or MAT 131 and MAT 132. Consult your Biology advisor.

TECHNOLOGY LITERACY: If you do not pass the Technology Literacy Competency exam, you must take one of the courses in the Technological Competency or Information Literacy listing from the General Education course list. This course can be used to fulfill a General Education Math/Science/Technology elective.

GENERAL EDUCATION ELECTIVES: Please select any courses from the approved list of General Education courses. Students who plan to transfer to a B.A. (Bachelor of Arts) degree program should take COM 109, Speech Fundamentals since this is required for B.A. degrees. Students interested in environmental science are recommended to take BIO 127, Biology of Environmental Concerns.

[Click here for the most recent General Education course list.](#)

HUMANITIES: Please select appropriate courses from the approved list of General Education courses for Humanities.

SOCIAL SCIENCES: Please select appropriate courses from the approved list of General Education courses for Social Sciences.

BIOLOGY ELECTIVES: Select from: BIO 201 Genetics, BIO 215 Microbiology, CHM 212 Biochemistry and BIO 223 Cell and Molecular Biology.

FREE ELECTIVES: Any course or combination of courses totaling the required credits. Free Electives do not need to be part of the General Education Course list.

HONORS COURSES: BIO 121, BIO 122 and BIO 202 offer selected sections with an honors option. Consult with your Advisor for more information.

NOTE: BIO 233 Independent Study in Biology does not fulfill any of the science requirements in Biology but may be taken as a free elective. BIO 101 and BIO 102 Anatomy & Physiology I & II cannot be used for the Biology elective. It is recommended that students enroll in BIO 127, Biology of Environmental Concerns to fulfill either the general education or free electives requirements.