

PRE-FORESTRY AND ENVIRONMENTAL SCIENCE (SUNY) OPTION – X040

A.S. in Arts and Science

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COURSE TITLE	COURSE NUMBER	PREREQUISITES	CREDITS	SEMESTER TAKEN	GRADE
GENERAL EDUCATION REQUIREMENTS			20		
Language and Literature I	ENG 101	Appropriate score on Placement Tests, or C- or better in ENG 097 and ENG 098, or C- or better in ENG 096 or ENG 099	3		
Language and Literature II	ENG 102	ENG 101	3		
General Botany	BIO 110		4		
General Zoology	BIO 120		4		
Social Sciences (B)			3		
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PROGRAM REQUIREMENTS			36		
Inorganic Chemistry I	CHM 121	High School Algebra I or equivalent. High School Chemistry recommended.	4		
Inorganic Chemistry II	CHM 124	CHM 113 or CHM 121	4		
Organic Chemistry I	CHM 221	CHM 124, 114, or 102 with permission of instructor	4		
Introduction to Macroeconomics (B)	ECN 101	ECN 100 with a grade of C- or better or eligible for MTH 095	3		
Introduction to Microeconomics (B)	ECN 102	ECN 100 with a grade of C- or eligible for MTH 095	3		
Calculus I	MTH 113	MTH 108 or adequate score on the Mathematics Placement Exam	4		
Calculus II	MTH 114	MTH 113	4		
General Physics I	PHS 101	MTH 104 or adequate score on the Mathematics Placement Examination	4		
U.S. American National Government	POL 110		3		
SUGGESTED ELECTIVES <i>(Sufficient to complete 60 credit graduation requirement)</i>			4		
Microbiology	BIO 229	A grade of C or better in BIO 100 or 103 or a grade of C- or better in VET 133	4		
Ecology	BIO 230	A semester course in college biology or environmental science	4		
Genetics	BIO 243	A grade of C or better in one of the following: BIO 100, 103, 110, 229, or 120	4		
Organic Chemistry II	CHM 222	CHM 221 or one previous semester of organic chemistry	4		
Public Speech	COM 150		3		
The Natural History of New England	ENV 124		4		
Soil and the Environment	ENV 138		4		
Calculus III	MTH 211	MTH 112	4		
General Physics II	PHS 102	PHS 101	4		
State and Local Government	POL 120		3		
Total Credits			60		

PROGRAM OVERVIEW

For students who plan to transfer to the State University of New York College of Environmental Science and Forestry. An agreement covers majors in environmental biology and forestry with concentrations in such areas as botany, entomology, fish and wildlife biology, forest pathology, plant physiology and zoology, environmental chemistry, and forest engineering. Students planning to transfer should follow the program requirements after consultation with Pre-Forestry and Environmental Science campus coordinator.