

TRANSFER ARTICULATION AGREEMENT

BETWEEN

SUNY COLLEGE OF ENVIRONMENTAL SCIENCE AND FORESTRY

and

ROCKLAND COMMUNITY COLLEGE

October 2009 — October 2012

## STATEMENT OF UNDERSTANDING

This Transfer Articulation Agreement is designed to assist Rockland Community College (RCC) faculty and staff in advising students on proper course selection to maximize transfer credit to the SUNY College of Environmental Science and Forestry (SUNY-ESF) Syracuse campus or The Ranger School campus in Wanakena.

Students who wish to transfer to SUNY-ESF may apply to one of the two associate degree programs at The Ranger School in Wanakena, NY or the 19 bachelor degree programs at the Syracuse campus. Bachelor of Science (B.S.) programs include Aquatic and Fisheries Science, Bioprocess Engineering, Biotechnology, Chemistry, Conservation Biology, Construction Management, Environmental Biology, Environmental Resources and Forest Engineering, Environmental Science, Environmental Studies, Forest Ecosystem Science, Forest Health, Forest Resources Management, Natural History and Interpretation, Natural Resources Management, Paper Engineering, Paper Science, and Wildlife Science. The program in Landscape Architecture leads to a Bachelor of Landscape Architecture (B.L.A.) degree. Students may also transfer to The Ranger School campus to complete the second year of the Associate in Applied Science (A.A.S.) degree in Forest Technology or Land Surveying Technology.

Students planning to transfer to SUNY-ESF should follow the recommended course requirements for their intended program of study as outlined in the ESF/RCC Transfer Articulation Guidelines (TAG). They should seek transfer counseling from a designated RCC faculty or staff member or a SUNY-ESF Admissions Counselor for proper course selection, which varies by program of study.

Admission to the associates degree programs at The Ranger School will be guaranteed for all RCC students who have achieved a 2.3 cumulative grade point average or higher and have completed all pre-requisite first-year courses as outlined in the ESF/RCC Transfer Articulation Guidelines (TAG). Special admission consideration may be granted for students below a 2.3 grade point average and who are missing some of the required first-year courses. Students may be required to participate in The Ranger School Summer Program prior to enrollment in order to successfully complete General Biology I and/or Trigonometry. RCC students or faculty advisors should contact the SUNY-ESF Admissions Office directly to discuss these and other special admission circumstances.

Admission to the bachelor degree programs at the Syracuse campus of SUNY-ESF will be guaranteed in all programs of study for RCC students who have achieved a 2.50 cumulative grade point average or higher in course work appropriate for the student's intended program of study. Students must achieve a grade of "C" or higher in order to transfer course work. Grades of less than "C" do not transfer. Additionally, students are expected to be prepared for Pre-Calculus level mathematics or higher for admission purposes. Students must complete the application for admission by the recommended filing deadline for the semester they intend to enroll. Applications completed after the recommended deadline will be considered on a space available basis.

Students who follow the Transfer Articulation Guidelines will typically enter SUNY-ESF's Syracuse Campus with full junior class status. Students who are not able to complete all prerequisites prior to their desired semester of enrollment, or have less than a 2.50 cumulative grade point average, may still be considered for admission. Students completing a bachelor's degree at SUNY-ESF are required to complete 9 of the 10 knowledge skills areas to meet the SUNY General Education requirements. SUNY-ESF students are not required to meet the Foreign Language General Education requirement. Students should consult a SUNY-ESF Admissions Counselor if they have any questions regarding program of study requirements, transfer student status, or this agreement at 1-315-470-6600.

The ESF/RCC Transfer Articulation Guidelines are available on the web at: <http://www.esf.edu/admissions/transfer/tags/rock.htm>. The SUNY-ESF Admissions Office will update this TAG on-line as changes occur to the programs of study at either institution.

This agreement is in effect until October 1, 2012.

Transfer Articulation Agreement

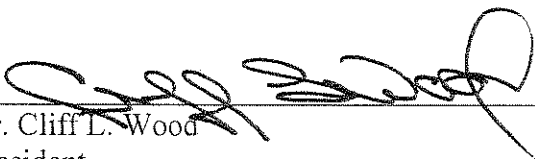
Between


Rockland Community College  
Suffern, NY

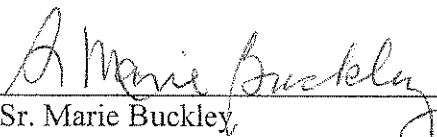
and

SUNY College of Environmental  
Science and Forestry  
Syracuse, NY

APPROVED BY  
ROCKLAND COMMUNITY COLLEGE:


  
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Dr. Cliff L. Wood  
President

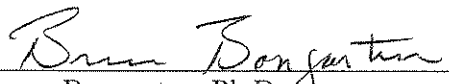
  
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Professor Bill Baker  
Vice President for Academic Affairs


  
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Sr. Marie Buckley  
Division Chair of Math, Natural and Health  
Sciences

Date: 10/13/09

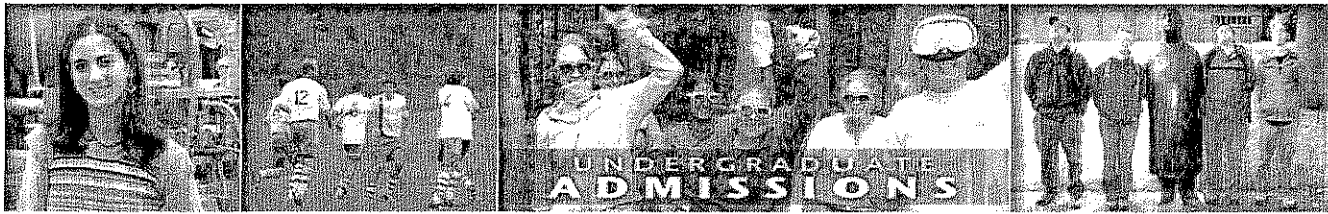
APPROVED BY  
SUNY COLLEGE OF ENVIRONMENTAL  
SCIENCE AND FORESTRY:

  
\_\_\_\_\_  
Cornelius B. Murphy, Jr. Ph.D.  
President

  
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Bruce Bongarten, Ph.D.  
Provost and Vice President for  
Academic Affairs

  
\_\_\_\_\_  
Susan H. Sanford, M.B.A.  
Director of Admissions and  
Inter-Institutional Relations

Date: 10/13/09



## Rockland Community College (2767)

### Transfer Articulation Guidelines (TAG)

Course Equivalents for SUNY College of Environmental Science and Forestry

- [Back to Cooperative Transfer Colleges page](#)
- [Back to Admissions Home](#)

The following Transfer Articulation Guidelines (TAG) display the lower division course requirements for all ESF majors. Students should match the lower division requirements with the list of approved course equivalents at Rockland Community College. Refer to the notes below for further information in the transfer agreement between ESF and Rockland Community College.

<b>Admission</b>	<b>Choose your Admissions pathway to begin:</b>
<b>Degree Programs</b>	High School Students
<b>Financial Aid</b>	Transfer Students
<b>Visit with Us</b>	International Applicants
	Ranger School Applicants
<b>About ESF</b>	

### Associate Degree Programs at The Ranger School Campus

#### Forest Technology

Students interested in this major at ESF are encouraged to enroll in either the Liberal Arts & Sciences: Mathematics-Science major or Environmental Science major at Rockland Community College.

**Associate in Applied Science Degree Freshman Year:** All Students (Completed at a college of the student's choice)

Students interested in the 1+1 articulation agreement into one of the Associate Degree Programs at the Ranger School should complete the following courses:

Biology I & II w/ Lab	8 credits	BIO105 & BIO106
Economics	3 credits	ECO201 or ECO202
English w/ Focus on Writing	3 credits	ENG101
Literature w/ Focus on Writing	3 credits	Any ENG prefixed course that meets the Humanities General Education Requirement
Electives	10 credits	* See chart below
Trigonometry	3 credits	MAT109 or MAT203

\* Students planning to continue in the B.S. degree program in Forest Resources Management or Natural Resources Management after earning an A.A.S. degree should select from the following courses as free electives:

Chemistry I w/ Lab	4 credits	CHM101
**General Education requirement - American History	3 credits	
**General Education requirement - The Arts	3 credits	
**General Education requirement - Other World Civilization	3 credits	
**General Education requirement - Western Civilization	3 credits	
Pre-Calculus	3 credits	MAT109

\*\* Choose one course from the list of approved General Education courses from Rockland Community College.

#### Land Surveying Technology

Students interested in this major at ESF are encouraged to enroll in either the Liberal Arts & Sciences: Mathematics-Science major or Environmental Science major at Rockland Community College.

**Associate in Applied Science Degree Freshman Year:** All Students (Completed at a college of the student's choice)

Students interested in the 1+1 articulation agreement into one of the Associate Degree Programs at the Ranger School should complete the following courses:

Biology I w/ Lab	4 credits	BIO105 or BIO106
Physics I w/ Lab	4 credits	PHY101
Economics	3 credits	ECO201 or ECO202

English w/ Focus on Writing	3 credits	ENG101
Literature w/ Focus on Writing	3 credits	Any ENG prefixed course that meets the Humanities General Education Requirement
Electives	10 credits	* See chart above
Trigonometry	3 credits	MAT109 or MAT203

### Bachelor Degree Programs at the Syracuse Campus

#### Aquatic and Fisheries Science

Students interested in this major at ESF are encouraged to enroll in either the Liberal Arts & Sciences: Mathematics-Science major or Environmental Science major at Rockland Community College.

Biology I & II w/ Lab	8 credits	BIO105 & BIO106
Calculus I	4 credits	MAT203
Chemistry I & II w/ Lab	8 credits	CHM101 & CHM102
Economics	3 credits	ECO201 or ECO202
Electives	7 credits	
English w/ Focus on Writing	3 credits	ENG101
Literature w/ Focus on Writing	3 credits	Any ENG prefixed course that meets the Humanities General Education Requirement
Organic Chemistry I w/ Lab	4 credits	CHM201
Organic Chemistry II or Physics II or Calculus II	4 credits	CHM202 or PHY102 or MAT204
Physics I w/ Lab	4 credits	PHY101
*General Education requirement - American History	3 credits	
*General Education requirement - The Arts	3 credits	
*General Education requirement - Other World Civilization	3 credits	
*General Education requirement - Western Civilization	3 credits	

\* Choose one course from the list of approved General Education courses from Rockland Community College.

Additional credit may be granted for Statistics MAT125 and Global Environment BIO212.

#### Bioprocess Engineering

Students interested in this major at ESF are encouraged to enroll in either the Liberal Arts & Sciences: Mathematics-Science major or Environmental Science major at Rockland Community College.

Biology II w/ Lab or Zoology w/ Lab	4 credits	BIO106
Calculus I, II, III	12 credits	MAT203 & MAT204 & MAT205
Chemistry I & II w/ Lab	8 credits	CHM101 & CHM102
Computer Programming	3 credits	CSP125 or CSP126 or CSP127 or CSP128 or CSP241
Differential Equations	3 credits	MAT206
Economics	3 credits	ECO201 or ECO202
English w/ Focus on Writing	3 credits	ENG101
Literature w/ Focus on Writing	3 credits	Any ENG prefixed course that meets the Humanities General Education Requirement
Organic Chemistry I & II w/ Lab	8 credits	CHM201 & CHM202
Physics I w/ Lab	4 credits	PHY105 or PHY101**
*General Education requirement - American History	3 credits	
*General Education requirement - The Arts	3 credits	
*General Education requirement - Other World Civilization	3 credits	
*General Education requirement - Western Civilization	3 credits	

\* Choose one course from the list of approved General Education courses from Rockland Community College.

\*\* Engineering Physics is preferred.

Additional credit may be granted for Statistics MAT125.

**Biotechnology**

Students interested in this major at ESF are encouraged to enroll in either the Liberal Arts & Sciences: Mathematics-Science major or Environmental Science major at Rockland Community College.

Biology I & II w/ Lab	8 credits	BIO105 & BIO106
Calculus I & II	8 credits	MAT203 & MAT204
Chemistry I & II w/ Lab	8 credits	CHM101 & CHM102
English w/ Focus on Writing	3 credits	ENG101
Genetics w/ Lab	4 credits	Not offered
Literature w/ Focus on Writing	3 credits	Any ENG prefixed course that meets the Humanities General Education Requirement
Microbiology (Environmental Microbiology)	4 credits	BIO207
Organic Chemistry I & II w/ Lab	8 credits	CHM201 & CHM202
Physics I & II w/ Lab	8 credits	PHY101 & PHY102
*General Education requirement - American History	3 credits	
*General Education requirement - The Arts	3 credits	
*General Education requirement - Other World Civilization	3 credits	
*General Education requirement - Social Science	3 credits	
*General Education requirement - Western Civilization	3 credits	

\* Choose one course from the list of approved General Education courses from Rockland Community College.

**Chemistry**

Students interested in this major at ESF are encouraged to enroll in either the Liberal Arts & Sciences: Mathematics-Science major or Environmental Science major at Rockland Community College.

Biology I & II w/ Lab	8 credits	BIO105 & BIO106
Calculus I & II	8 credits	MAT203 & MAT204
Chemistry I & II w/ Lab	8 credits	CHM101 & CHM102
Computer Applications	3 credits	CSP101
English w/ Focus on Writing	3 credits	ENG101
Literature w/ Focus on Writing	3 credits	Any ENG prefixed course that meets the Humanities General Education Requirement
Math Elective (Calculus III recommended)	3 credits	
Organic Chemistry I & II w/ Lab	8 credits	CHM201 & CHM202
Physics I & II w/ Lab	8 credits	PHY101 & PHY102
*General Education requirement - American History	3 credits	
*General Education requirement - The Arts	3 credits	
*General Education requirement - Other World Civilization	3 credits	
*General Education requirement - Social Science	3 credits	
*General Education requirement - Western Civilization	3 credits	

\* Choose one course from the list of approved General Education courses from Rockland Community College.

**Student Note:** One of the general education requirements may be completed spring of the junior year at ESF.

**Conservation Biology**

Students interested in this major at ESF are encouraged to enroll in either the Liberal Arts & Sciences: Mathematics-Science major or Environmental Science major at Rockland Community College.

Biology I & II w/ Lab	8 credits	BIO105 & BIO106
Calculus I	4 credits	MAT203
Chemistry I & II w/ Lab	8 credits	CHM101 & CHM102
Electives	15 credits	
English w/ Focus on Writing	3 credits	ENG101
Global Environment	3 credits	BIO212

Literature w/ Focus on Writing	3 credits	Any ENG prefixed course that meets the Humanities General Education Requirement
Physics I w/ Lab	3 credits	PHY101
Probability and Statistics	3 credits	MAT125
*General Education requirement - American History	3 credits	
*General Education requirement - The Arts	3 credits	
*General Education requirement - Other World Civilization	3 credits	
*General Education requirement - Western Civilization	3 credits	

\* Choose one course from the list of approved General Education courses from Rockland Community College.

**Construction Management**

Students interested in this major at ESF are encouraged to enroll in either the Liberal Arts & Sciences: Mathematics-Science major or Environmental Science major at Rockland Community College.

Calculus I & II	8 credits	MAT203 & MAT204
Chemistry I w/ Lab	4 credits	CHM101
Computer Applications	3 credits	CSP101
Economics	3 credits	ECO201 or ECO202
English w/ Focus on Writing	3 credits	ENG101
Global Environment	3 credits	BIO212
Literature w/ Focus on Writing	3 credits	Any ENG prefixed course that meets the Humanities General Education Requirement
Physics w/ Lab	4 credits	PHY101
Principles of Management	3 credits	MGT150
Related discipline electives and/or liberal arts electives	28 credits	** See note below
*General Education requirement - American History	3 credits	
*General Education requirement - The Arts	3 credits	
*General Education requirement - Other World Civilization	3 credits	
*General Education requirement - Western Civilization	3 credits	

\* Choose one course from the list of approved General Education courses from Rockland Community College.

\*\* Technical courses from related programs of study are recommended for transfer in this category. Please consult the SUNY-ESF Admissions Office for advisement.

Additional credit may be granted for Statistics MAT125.

**Environmental Biology**

Students interested in this major at ESF are encouraged to enroll in either the Liberal Arts & Sciences: Mathematics-Science major or Environmental Science major at Rockland Community College.

Biology I & II w/ Lab	8 credits	BIO105 & BIO106
Calculus I	4 credits	MAT203
Chemistry I & II w/ Lab	8 credits	CHM101 & CHM102
Electives	7 credits	
Global Environment	3 credits	BIO212
English w/ Focus on Writing	3 credits	ENG101
Literature w/ Focus on Writing	3 credits	Any ENG prefixed course that meets the Humanities General Education Requirement
Organic Chemistry I w/ Lab	4 credits	CHM201
Organic Chemistry II or Physics II or Calculus II	4 credits	CHM202 or PHY102 or MAT204
Physics I w/ Lab	3 credits	PHY101
Probability and Statistics	3 credits	MAT125
*General Education requirement - American History	3 credits	
*General Education requirement - The Arts	3 credits	
*General Education requirement - Other World		

Civilization	3 credits
*General Education requirement - Western Civilization	3 credits

\* Choose one course from the list of approved General Education courses from Rockland Community College.

**Student Note:** Environmental Biology requires 1 and recommends 2 semesters of physics. Certain graduate/professional programs (e.g. medical, veterinary schools) generally require two semesters of calculus-based physics. PHY105 & PHY106 will fulfill the program requirements and are recommended for students planning on graduate programs.

**Environmental Resources and Forest Engineering**

Students interested in this major at ESF are encouraged to enroll in either the Liberal Arts & Sciences: Mathematics-Science major or Environmental Science major at Rockland Community College.

Biology I w/ Lab	4 credits	BIO105 or BIO106
Calculus I, II, & III	12 credits	MAT203 & MAT204 & MAT205
Chemistry I & II w/ Lab	8 credits	CHM101 & CHM102
Differential Equations	3 credits	MAT206
Engineering Mechanics - Dynamics	2 credits	Not offered
Engineering Mechanics - Statics	2 credits	Not offered
Engineering Physics I & II w/ Lab	8 credits	PHY105 & PHY106
English w/ Focus on Writing	3 credits	ENG101
Literature w/ Focus on Writing	3 credits	Any ENG prefixed course that meets the Humanities General Education Requirement
*General Education requirement - American History	3 credits	
*General Education requirement - The Arts	3 credits	
*General Education requirement - Other World Civilization	3 credits	
*General Education requirement - Social Science	3 credits	
*General Education requirement - Western Civilization	3 credits	

\* Choose one course from the list of approved General Education courses from Rockland Community College.

Additional credit may be granted for Statistics MAT125.

**Environmental Science**

Students interested in this major at ESF are encouraged to enroll in either the Liberal Arts & Sciences: Mathematics-Science major or Environmental Science major at Rockland Community College.

Advanced Science and Math	6-8 credits	** See note below
Biology I & II w/ Lab	8 credits	BIO105 & BIO106
Calculus I & II	8 credits	MAT203 & MAT204
Chemistry I & II w/ Lab	8 credits	CHM101 & CHM102
Computer Programming	3 credits	CSP125 or CSP126 or CSP127 or CSP128 or CSP241
Economics	3 credits	ECO201 or ECO202
Engineering Physics I & II w/ Lab	8 credits	PHY105 & PHY106
English w/ Focus on Writing	3 credits	ENG101
Global Environment	3 credits	BIO212
Literature w/ Focus on Writing	3 credits	Any ENG prefixed course that meets the Humanities General Education Requirement
*General Education requirement - American History	3 credits	
*General Education requirement - The Arts	3 credits	
*General Education requirement - Other World Civilization	3 credits	
*General Education requirement - Western Civilization	3 credits	

\* Choose one course from the list of approved General Education courses from Rockland Community College.

\*\* Examples of advanced science and math courses would be calculus 3 or 4, organic chemistry 1 or 2, quantum physics, analytical chemistry, or microbiology. Please consult the ESF Office of Undergraduate Admissions for assistance with course selection.



Additional credit may be granted for Statistics MAT125.

**Environmental Studies**

**Students interested in this major at ESF are encouraged to enroll in either the Liberal Arts & Sciences: Mathematics-Science major or Environmental Science major at Rockland Community College.**

American Government/Political Science	3 credits	POL101 or POL102
Biology I w/ Lab	4 credits	BIO105
Biology II w/ Lab or Environmental Geology**	4 credits	BIO106
Chemistry I w/ Lab	4 credits	CHM101
Computer Applications	3 credits	CSP101
Economics	3 credits	ECO201 or ECO202
Electives ***	9 credits	
English w/ Focus on Writing	3 credits	ENG101
Global Environment	3 credits	BIO212
Literature w/ Focus on Writing	3 credits	Any ENG prefixed course that meets the Humanities General Education Requirement
Pre-Calculus or Calculus ****	3 - 4 credits	MAT109 or MAT125
Probability & Statistics	3 credits	MAT125
*General Education requirement - American History	3 credits	
*General Education requirement - The Arts	3 credits	
*General Education requirement - Other World Civilization	3 credits	
*General Education requirement - Western Civilization	3 credits	

\* Choose one course from the list of approved General Education courses from Rockland Community College.

\*\* Students must take either Biology II or Geology. Students interested in the Biological Science Applications option must take Biology II.

\*\*\* Students interested in the Biological Science Applications option must complete Chemistry II in place of one of their elective courses.

\*\*\*\* Students interested in the Biological Science Applications option must complete Calculus I.

**Forest Ecosystem Science**

**Students interested in this major at ESF are encouraged to enroll in either the Liberal Arts & Sciences: Mathematics-Science major or Environmental Science major at Rockland Community College.**

Biology Electives	6 credits	** See note
Biology I & II w/ Lab	8 credits	BIO105 & BIO106
Calculus I	4 credits	MAT203
Chemistry I & II w/ Lab	8 credits	CHM101 & CHM102
Economics	3 credits	ECO201 or ECO202
Electives	3 credits	
English w/ Focus on Writing	3 credits	ENG101
Literature w/ Focus on Writing	3 credits	Any ENG prefixed course that meets the Humanities General Education Requirement
Physics I w/ Lab	4 credits	PHY101
Probability & Statistics	3 credits	MAT125
Public Speaking	3 credits	SPE101
*General Education requirement - American History	3 credits	
*General Education requirement - The Arts	3 credits	
*General Education requirement - Other World Civilization	3 credits	
*General Education requirement - Western Civilization	3 credits	

\* Choose one course from the list of approved General Education courses from Rockland Community College.

\*\* Examples of biology electives are genetics, organic chemistry, and microbiology. Please consult the ESF Office of Undergraduate

Admissions for assistance with course selection.

### Forest Health

Students interested in this major at ESF are encouraged to enroll in either the Liberal Arts & Sciences: Mathematics-Science major or Environmental Science major at Rockland Community College.

Biology I & II w/ Lab	8 credits	BIO105 & BIO106
Chemistry I & II w/ Lab	8 credits	CHM101 & CHM102
Electives	13 credits	
English w/ Focus on Writing	3 credits	ENG101
Global Environment	3 credits	BIO212
Literature w/ Focus on Writing	3 credits	Any ENG prefixed course that meets the Humanities General Education Requirement
Organic Chemistry I w/ Lab	4 credits	CHM201
Physics I w/ Lab	3 credits	PHY101
Probability and Statistics	3 credits	MAT125
*General Education requirement - American History	3 credits	
*General Education requirement - The Arts	3 credits	
*General Education requirement - Other World Civilization	3 credits	
*General Education requirement - Western Civilization	3 credits	

\* Choose one course from the list of approved General Education courses from Rockland Community College.

### Forest Resources Management

Students interested in this major at ESF are encouraged to enroll in either the Liberal Arts & Sciences: Mathematics-Science major or Environmental Science major at Rockland Community College.

Biology I & II w/ Lab	7 credits	BIO105 & BIO106
Chemistry I w/ Lab	4 credits	CHM101
Economics	3 credits	ECO201 or ECO202
Electives	12 credits	
English w/ Focus on Writing	3 credits	ENG101
Literature w/ Focus on Writing	3 credits	ENG102 or Any ENG prefixed course that meets the Humanities General Education Requirement
Physics I w/ Lab	4 credits	PHY101
Principles of Management	3 credits	MGT150
Pre-Calculus	3 credits	MAT109
Probability & Statistics	3 credits	MAT125
Public Speaking	3 credits	SPE101
*General Education requirement - American History	3 credits	
*General Education requirement - The Arts	3 credits	
*General Education requirement - Other World Civilization	3 credits	
*General Education requirement - Western Civilization	3 credits	

\* Choose one course from the list of approved General Education courses from Rockland Community College.

### Landscape Architecture

Students interested in this major at ESF are encouraged to enroll in either the Liberal Arts & Sciences: Mathematics-Science major or Environmental Science major at Rockland Community College.

Art or Architectural History	6 credits	ART119 & ART120
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Biology I & II w/ Lab	7 credits	BIO105 & BIO106
Drawing/Freehand Drawing	3 credits	ART102 or ART103
Ecology	4 credits	Not offered
Electives	9 credits	
English w/ Focus on Writing	3 credits	ENG101
Literature w/ Focus on Writing	3 credits	ENG102 or Any ENG prefixed course that meets the Humanities General Education Requirement
Mathematics	3 credits	MAT102 or MAT109 or MAT125 or MAT203
Natural/Physical Science	3 credits	SCI101 or PHY101 or PHY102 or CHM101 or CHM102 or BIO212
Public Speaking	3 credits	SPE101
*General Education requirement - American History	3 credits	
*General Education requirement - Other World Civilization	3 credits	
*General Education requirement - Social Science	3 credits	

\* Choose one course from the list of approved General Education courses from Rockland Community College.

### Natural History and Interpretation

Students interested in this major at ESF are encouraged to enroll in either the Liberal Arts & Sciences: Mathematics-Science major or Environmental Science major at Rockland Community College.

Biology I & II w/ Lab	8 credits	BIO105 & BIO106
Calculus I	4 credits	MAT203
Chemistry I & II w/ Lab	8 credits	CHM101 & CHM102
Electives	16 credits	
English w/ Focus on Writing	3 credits	ENG101
Global Environment	3 credits	Not offered
Literature w/ Focus on Writing	3 credits	Any ENG prefixed course that meets the Humanities General Education Requirement
Physics I w/ Lab	3 credits	PHY101
Probability & Statistics	3 credits	MAT125
*General Education requirement - American History	3 credits	
*General Education requirement - Other World Civilization	3 credits	
*General Education requirement - Western Civilization	3 credits	

\* Choose one course from the list of approved General Education courses from Rockland Community College.

### Natural Resources Management

Students interested in this major at ESF are encouraged to enroll in either the Liberal Arts & Sciences: Mathematics-Science major or Environmental Science major at Rockland Community College.

Biology I & II w/ Lab	8 credits	BIO105 & BIO106
Chemistry I w/ Lab	4 credits	CHM101
Chemistry II w/ Lab or Physics I w/ Lab	4 credits	CHM102 or PHY101
Ecology	4 credits	Not offered
Economics	3 credits	ECO201 or ECO202
Electives	3 credits	
English w/ Focus on Writing	6 credits	ENG101 & ENG102 or Any ENG prefixed course that meets the Humanities General Education Requirement
Pre-Calculus	3 credits	MAT109
Principles of Management	3 credits	MGT150
Probability & Statistics	3 credits	MAT125
Public Speaking	3 credits	SPE101
Sociology or Psychology	3 credits	Any course with a PSY or SOC prefix
*General Education requirement - American History	3 credits	

*General Education requirement - The Arts	3 credits
*General Education requirement - Humanities**	3 credits
*General Education requirement - Other World Civilization	3 credits
*General Education requirement - Western Civilization	3 credits

\* Choose one course from the list of approved General Education courses from Rockland Community College.

\*\* Students may choose to take a literature course that is writing intensive to meet their second English requirement. The literature course would also fulfill the Humanities General Education requirement, resulting in 3 additional humanities elective credits.

### Paper Engineering

Students interested in this major at ESF are encouraged to enroll in either the Liberal Arts & Sciences: Mathematics-Science major or Environmental Science major at Rockland Community College.

Calculus I, II, & III	12 credits	MAT203 & MAT204 & MAT205
Chemistry I & II w/ Lab	8 credits	CHM101 & CHM102
Computer Programming	3 credits	CSP125 or CSP126 or CSP127 or CSP128 or CSP241
Differential Equations	3 credits	MAT206
Economics	3 credits	ECO201 or ECO202
Engineering Physics I & II w/Lab	8 credits	PHY105 & PHY106
English w/ Focus on Writing	3 credits	ENG101
Literature w/ Focus on Writing	3 credits	Any ENG prefixed course that meets the Humanities General Education Requirement
Organic Chemistry I & II w/ Lab	8 credits	CHM201 & CHM202
Quantative Analysis	3 credits	Not offered
*General Education requirement - American History	3 credits	
*General Education requirement - The Arts	3 credits	
*General Education requirement - Other World Civilization	3 credits	
*General Education requirement - Western Civilization	3 credits	

\* Choose one course from the list of approved General Education courses from Rockland Community College.

### Paper Science

Students interested in this major at ESF are encouraged to enroll in either the Liberal Arts & Sciences: Mathematics-Science major or Environmental Science major at Rockland Community College.

Calculus I & II	8 credits	MAT203 & MAT204
Chemistry I & II w/ Lab	8 credits	CHM101 & CHM102
Computer Programming	3 credits	CSP125 or CSP126 or CSP127 or CSP128 or CSP241
Economics	3 credits	ECO201 or ECO202
Electives	3 credits	
English w/ Focus on Writing	3 credits	ENG101
Literature w/ Focus on Writing	3 credits	Any ENG prefixed course that meets the Humanities General Education Requirement
Organic Chemistry I & II w/ Lab	8 credits	CHM201 & CHM202
Physics I & II w/Lab	8 credits	PHY101 & PHY102 or PHY105 & PHY106
Quantative Analysis	3 credits	Not offered
*General Education requirement - American History	3 credits	
*General Education requirement - The Arts	3 credits	
*General Education requirement - Other World Civilization	3 credits	
*General Education requirement - Western Civilization	3 credits	

\* Choose one course from the list of approved General Education courses from Rockland Community College.

### Wildlife Science

Students interested in this major at ESF are encouraged to enroll in either the Liberal Arts & Sciences: Mathematics-Science major or Environmental Science major at Rockland Community College.

Biology I & II w/ Lab	8 credits	BIO105 & BIO106
Calculus I	4 credits	MAT203
Chemistry I & II w/ Lab	8 credits	CHM101 & CHM102
Electives	15 credits	
English w/ Focus on Writing	3 credits	ENG101
Global Environment	3 credits	BIO212
Literature w/ Focus on Writing	3 credits	Any ENG prefixed course that meets the Humanities General Education Requirement
Organic Chemistry I w/ Lab	4 credits	CHM201
Physics I w/ Lab	3 credits	PHY101
Probability and Statistics	3 credits	MAT125
*General Education requirement - American History	3 credits	
*General Education requirement - The Arts	3 credits	
*General Education requirement - Other World Civilization	3 credits	
*General Education requirement - Western Civilization	3 credits	

\* Choose one course from the list of approved General Education courses from Rockland Community College.

Date Reviewed: 10/13/09

Catalogue date: 2008-2010

Reviewed by: Beth Minard

Questions, please call: 1-315-470-6600

**Note for Rockland Community College:**

- Lenny Gersten, the transfer advisor is (845) 574-4309

**Advisor Note:** Students entering ESF with 60 or more transferable credits will be given junior class standing. However, students may enroll at ESF with fewer than 60 credits and complete the remaining lower division and upper division requirements.

Rockland County Community College, Suffern

For more information, use the [Information Request Form](#)