

ENVIRONMENT & NATURAL RESOURCES MAJOR ENVIRONMENTAL SCIENCE SPECIALIZATION (A.S.) INTERESTED IN FORESTRY, FISHERIES & WILDLIFE MAJOR (B.S.)

This model plan of study is presented as a suggested path to graduate in 4 years with an Associate of Science Degree with a major in Environment & Natural Resources Environmental Science specialization and a Bachelor of Science Degree in Environment & Natural Resources with a major in Forestry, Fisheries & Wildlife. It is intended to be a useful guide; however, each student is unique and should review the Degree Requirements and work with their advisor to develop an individualized course plan that best fits their personal academic background and goals.

NOTE: This sheet should not be used in isolation. In order to graduate in a timely manner, students must consult their academic advisor on a regular basis.

Freshman Year (ATI)		Autumn Semester				Spring Semester			
Benchmarks	Department	Course #	Course Name	Hours	Department	Course #	Course Name	Hours	
<i>ENGLISH 1110 should be completed by the end of this year.</i>	CHEM	1210	General Chemistry I ^a	4-5	AEDECON	2001	Principles of Food & Resource Economics ^a	3	
<i>CHEM 1210 should be completed by the end of this year.</i>	ENGLISH	1110.01	First-Year English Composition ^a	3	ENR	2367	Comm. Env. & Nat. Res. Info	3	
<i>Begin to consider study abroad programs.</i>	ENR	2100	Intro to Environmental Science	3	GENED	1201	GE Launch Seminar	1	
	ENVSCT	1201T	Exploring Environmental Sci.	.5	MATH	1151	Calculus I ^a	5	
	GENSTDS	1201.01T	College Orientation	.5	_____	_____	Electives	5	
	_____	_____	GE Lit, Vis and Perf Arts	3					
	Total: 14-15				Total: 17				
Sophomore Year (ATI)		Autumn Semester				Spring Semester			
Benchmarks	Department	Course #	Course Name	Hours	Department	Course #	Course Name	Hours	
<i>Apply to graduate from ATI at least one semester before the semester of your graduation.</i>	BIOLOGY	1113.01	Energy Transfer and Develop.	4	AGRCOMM	3130	Oral Expression in Ag.	3	
	CRPSOIL	2300T	Intro to Soil Science	3	BIOLOGY	1114.01	Form, Function, Diversity, and Ecology	4	
<i>Graduate with Associate of Science Degree.</i>	CRPSOIL	2301T	Intro to Soil Science Lab	1	ENR	3300	Intro. to Forestry, Fisheries & Wildlife	3	
	ENR	2300	Society and Natural Resources	3	_____	_____	GE R.E. and G. Diversity	3	
	_____	_____	GE Hist & Cultural Studies	3	_____	_____	Electives	3	
		Total: 14				Total: 16			
					Total credit hours for Associate of Science Degree:				61-62
Junior Year (Columbus)		Autumn Semester				Spring Semester			
Benchmarks	Department	Course #	Course Name	Hours	Department	Course #	Course Name	Hours	
<i>Apply to graduate from Columbus at least three semesters before the semester of your graduation.</i>	ENR	2000	Natural Resource Data Analysis	3	ENR	3500 or	Community, Env. & Dev. ❖ Specialization Course	3	
	ENR	3400 or	Psychology of Env. Problems ❖ Specialization Course	3	_____	_____	Student Choice Theme #2 ^b	3	
	ENR	3700	Intro to Spatial Info. for Natural Resources	3	_____	_____	Specialization Course	3	
	_____	_____	Citizenship Theme #1 ^b	3-4	_____	_____	Specialization Course	3	
	_____	_____	Specialization Course	3	_____	_____	Specialization Course	3	
		Total: 15-16				Total: 15			
Senior Year (Columbus)		Autumn Semester				Spring Semester			
Benchmarks	Department	Course #	Course Name	Hours	Department	Course #	Course Name	Hours	
<i>Maintain at least a 2.0 GPA in the major, minor, and cumulative.</i>	ENR	3200	Nat. Resources Policy ❖	3	GENED	4001	GE Reflection	1	
	ENR	4900.02	Env. & Nat. Res. Mgmt.	3	_____	_____	Specialization Course	4	
<i>Graduate with Bachelor of Science Degree.</i>	_____	_____ or	Citizenship Theme #2 ^b Specialization Course	3	_____	_____	Specialization Course	3	
	_____	_____	Specialization Course	3	_____	_____	Specialization Course	3	
	_____	_____	Specialization Course	3	_____	_____	Specialization Course	3	
	_____	_____	Specialization Course	3	_____	_____	Specialization Course	3	
	Total: 18				Total: 17				
					Total credit hours for Bachelor of Science Degree:				122

^a One possible course from approved GE list OR prerequisites and/or corequisites to this major and can also fulfill certain GE Requirements, as outlined in corresponding Degree Requirements document.

^b Students complete either a 4-credit course or two 3-credit courses in each of two General Education Theme areas: Citizenship for a Diverse & Just World (required), and the student's choice of available GE Themes. If any major-required courses are identified as a GE Theme course, one course in each GE Theme area may double count in the GE and major hours. Theme courses are identified with a ❖ symbol.

ENVIRONMENT & NATURAL RESOURCES MAJOR ENVIRONMENTAL SCIENCE SPECIALIZATION (A.S.) INTERESTED IN FORESTRY, FISHERIES & WILDLIFE MAJOR (B.S.)

This advising sheet is for Ohio State ATI students that wish to earn both an Associate of Science (A.S.) Degree with a major in Environment and Natural Resources Environmental Science specialization and a Bachelor of Science (B.S.) Degree with a major in Forestry, Fisheries & Wildlife. The tables below outline the complete degree requirements for the B.S. in Environment and Natural Resources – Forestry, Fisheries & Wildlife major. The underlined courses also represent those that fulfill a requirement for the A.S. Environment and Natural Resources major. These courses can count toward both degree programs simultaneously.

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Table 1. Degree Requirements			
Subject	Course Options	Hours	✓
GE Launch Seminar	<u>GENED 1201</u>	1	
Writing and Information Literacy	<u>ENGLISH 1110.01</u>	3	
Mathematical & Quantitative Reasoning/Data Analysis	<u>MATH 1151</u> or 1156	5	
Literary, Visual and Performing Arts	<u>Student Choice</u>	3	
Historical & Cultural Studies	<u>Student Choice</u>	3	
Natural Science	<u>CHEM 1210</u>	5	
Social & Behavioral Sciences	<u>ENR 2300</u>	3	
Race, Ethnic and Gender Diversity	<u>Student Choice</u>	3	
Theme: Citizenship for a Diverse & Just World ^a	Student Choice	4-6	
Theme: Student Choice ^a	Student Choice (recommend ENR 3200 from Core)	4-6	
GE Reflection	GENED 4001	1	
SENR Core	See Table 2.	16	
Major	See Table 3.	51	
Supporting Courses	See Table 4.	18	
Electives	*****	0-4	
Minimum Total Credit Hours		122	

Table 2. SENR Core Requirements		
Course(s)	Hours	✓
<u>GENSTDS 1201.01T*</u> and <u>ENVSCT 1201T*</u> (College Orientation and Exploring Environmental Science) OR ENR 1100 (ENR Survey)	1	
<u>ENR 2100</u> Introduction to Environmental Science	3	
<u>ENR 2300</u> Society and Natural Res. (GE Soc & Behavioral Sci)	--	
ENR 3200 Natural Resources Policy ❖(GE Theme)	--	
<u>ENR 3300</u> Intro to Forestry, Fisheries and Wildlife	3	
ENR 3400 Psychology of Environmental Problems ❖ or ENR 3500 Community, Environment and Development ❖	3	
ENGTECH 2050T* Intro to Geographic Info. Systems OR ENR 3700 Intro to Spatial Info. for Natural Resources	3	
ENR 4900.02 Environment & Natural Resources Management	3	
Total SENR Core Credit Hours	16	

Table 3. Major Requirements		
Course(s)	Hours	✓
Note: Choose one specialization to complete the FFW major. For specialization requirements, see B.S. major sheets available at www.senr.osu.edu/undergraduate .		
FFW Major Specializations		
<i>Fisheries & Aquatic Science</i>	51	
<i>Forestry Ecosystem Science & Management</i>		
<i>Forestry and Wildlife (dual specialization)</i>		
<i>Wildlife & Fisheries Science (dual specialization)</i>		
<i>Wildlife & Pre-Veterinary Science (pre-professional)</i>		
<i>Wildlife Science</i>		
Total FFW Major Credit Hours	51	

Table 4. Major Supporting Courses		
Course(s)	Hours	✓
<u>BIOLOGY 1113.01</u> Energy Transfer and Development	4	
<u>BIOLOGY 1114.01</u> Form, Function, Diversity, and Ecology	4	
ENR 3000 Soil Science OR <u>CRPSOIL 2300T*</u>	3	
ENR 3001 Soil Science Lab OR <u>CRPSOIL 2301T*</u>	1	
ENR 2000 Natural Resource Data Analysis	3	
<u>ENR 2367</u> Communicating ENR Information	3	
Total Major Supporting Courses Credit Hours	18	

Additional Bachelor's Degree Requirements:

1. A 2.00 cumulative CPHR is required as well as a 2.00 CPHR in the major and minor coursework.
2. Students must complete a minimum of 30 credit hours at The Ohio State University with at least 12 in the department in Columbus offering the major.
3. Applications to graduate must be submitted at least three semesters in advance.

^a Students complete either a 4-credit course or two 3-credit courses in each of two General Education Theme areas: Citizenship for a Diverse & Just World (required), and the student's choice of available GE Themes. If any major-required courses are identified as a GE Theme course, one course in each GE Theme area may double count in the GE and major hours. Theme courses are identified with a ❖ symbol.

* courses are only offered at the Wooster (ATI) Campus

Note: A capital **OR** separates a pair of *equivalent* courses, a lowercase **or** separates a choice between *different* courses that fulfill the same requirement