

**BSES in Environmental Resource Science**<http://students.caes.uga.edu/undergraduate/majors/environmental-resource-science.cfm>**YEAR ONE**

<b>Fall Courses</b>	<b>Hours</b>	<b>Spring Courses</b>	<b>Hours</b>
ENGL 1101 English Composition I	3	CHEM 1211-1211L Freshman Chemistry	4
MATH 1113 Precalculus	3	ENGL 1102 English Composition II	3
POLS 1101 American Government	3	COMM 1100 Introduction to Public Speaking	3
World Languages & Culture (Gen Ed IV)	3	ECON 2106 Principles of Microeconomics	3
FYOS 1001 First Year Odyssey	1	General Elective	3
General Elective	2	<b>Total</b>	<b>16</b>
<b>Total</b>	<b>15</b>		

**YEAR TWO**

<b>Fall Courses</b>	<b>Hours</b>	<b>Spring Courses</b>	<b>Hours</b>
MATH 2200 Analytic Geometry and Calculus	4	STAT 2000 Introductory Statistics	4
CHEM 1212-1212L Freshman Chemistry II	4	BIOL 1107-1107L Principles of Biology I	4
World Languages & Culture (Gen Ed IV)	3	HIST 2111 or 2112 American History	3
General Elective	3	World Languages & Culture (Gen Ed IV)	3
P.E. Requirement	1	<b>Total</b>	<b>14</b>
<b>Total</b>	<b>15</b>		

**YEAR THREE**

<b>Fall Courses</b>	<b>Hours</b>	<b>Spring Courses</b>	<b>Hours</b>
CRSS (APTC) 3050-3050L Introduction to Water Quality	4	CRSS (MBIO) 4610/6610-4610L/6610L Soil Microbiology	3
AESC 3510 Digital Imaging and Computer Applications in Agriculture	3	HORT (CRSS) 4440/6440-4440L/6440L Agro Ecology	4
BIOL 1108-1108L Principles of Biology II	4	Area VI Electives <sup>1</sup>	3
Area VI Electives <sup>1</sup>	3	Major Elective <sup>2</sup> (2)	6
General Elective	1	<b>Total</b>	<b>16</b>
<b>Total</b>	<b>15</b>		

**YEAR FOUR**

<b>Fall Courses</b>	<b>Hours</b>	<b>Spring Courses</b>	<b>Hours</b>
CRSS (FANR) 3060-3060L Soils and Hydrology	4	EETH (AESC) 4190/6190 Agricultural Ethics	1
AESC 4960 Undergraduate Research in Agricultural and Environmental Sciences	3	Major Elective <sup>2</sup> (3)	10
Area VI Electives <sup>1</sup>	3	General Elective	3
Major Elective <sup>2</sup> (2)	6	<b>Total</b>	<b>14</b>
<b>Total</b>	<b>16</b>		

**Total Hours Over 4-Year Academic Period**      **121**

## <sup>1</sup> Area VI Electives (10 hours)

### Choose ten hours from the following:

CHEM 2100-2100L Elementary Organic Chemistry, CHEM 2211-2211L Modern Organic Chemistry I, CHEM 2212-2212L Modern Organic Chemistry II, CSCI 1100-1100L Introduction to Personal Computing, ECON 2105 Principles of Macroeconomics, ECON 2106 Principles of Microeconomics, MATH 2200 Analytic Geometry and Calculus, PHYS 1111-1111L Introductory Physics-Mechanics, Waves, Thermodynamics, PHYS 1112-1112L Introductory Physics—Electricity and Magnetism, Optics, Modern Physics, STAT 2000 Introductory Statistics

## <sup>2</sup> Major Electives (22 hours)

### Choose 22 hours from the following:

AAEC 4050/6050 Agribusiness Law, AESC 3150 Topics in International Agriculture, AESC 3920 Agricultural and Environmental Sciences Internship, AESC 4950 Special Problems in Agricultural and Environmental Sciences, ALDR 3900S Leadership and Service, ALDR 4500 Advanced Leadership Theory and Process, APTC(EHSC) 3080 Introduction to Environmental Sciences and Engineering, APTC(CRSS) 4050 Geographic Information Systems (GIS) for Decision Support in Agricultural Applications, BCMB(BIOL)(CHEM) 3100 Introductory Biochemistry and Molecular Biology, CRSS 3270-3270L Turf Management, CRSS 3540 Soil Morphology and Interpretation, CRSS 3920 Environmental Soil Science Internship, CRSS 3990 Special Problems in Crop and Soil Sciences, CRSS 4220/6220 Topics in Crop and Soil Sciences, CRSS 4340/6340 Weed Science, CRSS(HORT) 4400/6400 Agro-Ecology, CRSS(GEOL) 4540/6540-4540L/6540L Pedology, CRSS 4580/6580 Soil Erosion and Conservation, CRSS 4660/6660-4660L/6660L Chemical Analysis of Environmental Samples, CRSS 4670/6670 Environmental Soil Chemistry, ECOL(BIOL) 3500-3500L Ecology, ENTO(EHSC) 3590-3590L Unnatural History of Urban Insects, ENTO 3740-3740L Insect Pest Management, ENTO 3900 Special Problems in Entomology, ENTO 3910 Entomology Internship, ENTO 4000/6000-4000L/6000L General Entomology, ENTO(CRSS)(PATH) 4250/6250 Pesticides and Transgenic Crops, ENTO 4500/6500-4500L/6500L Biological Control of Pests, ENTO(CRSS)(PATH) 4740/6740-4740L/6740L Integrated Pest Management, ENVM 3060 Principles of Resource Economics, ENVM(EHSC) 4250/6250 Environmental and Public Health Law, ENVM(AAEC) 4930/6930 Environmental Law and Governmental Regulation, FANR 3200-3200L Ecology of Natural Resources, GENE(BIOL) 3200 Genetics, HORT(ANTH)(PPIO) 3440 Herbs, Spices, and Medicinal Plants, HORT 3620-3620L Plant Propagation, HORT 4990/6990 Environmental Issues in Horticulture, MIBO 3500 Introductory Microbiology, MIBO 3510L Introductory Microbiology Laboratory, PATH 3530-3530L Introductory Plant Pathology, PATH 3910 Plant Pathology Internship, PATH 3990 Special Problems in Plant Pathology, PGEN 3580 Principles of Genetics, EETH(AESC) 4190/6190 Agricultural Ethics, EETH 4230/6230 Environmental Values and Policy, WASR(CRSS)(ECOL)(ENGR)(GEOG)(GEOL) 4700L/6700L Hydrology, Geology, and Soils of Georgia