

**THE BAYER SCHOOL OF NATURAL AND ENVIRONMENTAL SERVICES**  
**Advisement and Pre-Graduation Review Form**

NAME \_\_\_\_\_

B.S. ENVIRONMENTAL SCIENCE (127-128 CR)

ID# \_\_\_\_\_

Minor \_\_\_\_\_

<b>UNIVERSITY CORE (28)</b>	<b><u>CR</u></b>	<b><u>SEM</u></b>	<b><u>GR</u></b>	<b><u>R</u></b>
UCOR 101 Thinking & Writing	3	_____	_____	_____
UCOR 102 Imag Lit & Crit Writ	3	_____	_____	_____
UCOR 121 Prob Sol w/Cr. Math	*****WAIVE*****			
UCOR 121-129 Science	*****WAIVE*****			
UCOR 132 Basic Phil Questions	3	_____	_____	_____
UCOR 141/142/143 Theology	3	_____	_____	_____
UCOR 151/152/254W/253/214 Eth	3	_____	_____	_____
_____ Creative Arts	3	_____	_____	_____
_____ Faith & Reason	3	_____	_____	_____
_____ Global Diversity	3	_____	_____	_____
_____ Social Justice	3	_____	_____	_____
UCOR 100 Res/Info Skills	1	_____	_____	_____

<b>BIOLOGY (15)</b>	<b><u>CR</u></b>	<b><u>SEM</u></b>	<b><u>GR</u></b>	<b><u>R</u></b>
BIOL 111 / 111L Biology I and Lab	4	_____	_____	_____
BIOL 112 / 112L Biology II and Lab	4	_____	_____	_____
BIOL 212 Cell & Molecular	4	_____	_____	_____
BIOL 319 Gen. Microbiology	3	_____	_____	_____

<b>BSNES CORE (23)</b>	<b><u>CR</u></b>	<b><u>SEM</u></b>	<b><u>GR</u></b>	<b><u>R</u></b>
ENGL 302W Science Writing	3	_____	_____	_____
HIST 307 History of Science	3	_____	_____	_____
SPRG 105 Seminar: Career Dev.	1	_____	_____	_____
SPRG 108 Service Learning	0	_____	_____	_____
MATH 115 Calculus I	4	_____	_____	_____
MATH 225 Biostatistics	3	_____	_____	_____
MATH 335 Biostatistics II	3	_____	_____	_____

<b>PHYSICS (8)</b>	<b><u>CR</u></b>	<b><u>SEM</u></b>	<b><u>GR</u></b>	<b><u>R</u></b>
PHYS 201 Physics for Life I	3	_____	_____	_____
PHYS 201L Physics for Life I Lab	1	_____	_____	_____
PHYS 202 Physics for Life II	3	_____	_____	_____
PHYS 202L Physics for Life II Lab	1	_____	_____	_____

<b>ENVI SCIENCE COURSES (12)</b>	<b><u>CR</u></b>	<b><u>SEM</u></b>	<b><u>GR</u></b>	<b><u>R</u></b>
ENVI 472 Env Biology	3	_____	_____	_____
ENVI 452 Env Chemistry	3	_____	_____	_____
ENVI 451 Principles of Env Science	3	_____	_____	_____
ENVI 470 Env Toxicology	3	_____	_____	_____

<b>GENERAL ELECTIVES (6 CREDITS)</b>	<b><u>CR</u></b>	<b><u>SEM</u></b>	<b><u>GR</u></b>	<b><u>R</u></b>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

<b>ENVI SCIENCE ELECTIVES (20)</b>	<b><u>CR</u></b>	<b><u>SEM</u></b>	<b><u>GR</u></b>	<b><u>R</u></b>
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
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_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

<b>MATH/COMP SCIENCE ELECTIVE* (3/4)</b>	<b><u>CR</u></b>	<b><u>SEM</u></b>	<b><u>GR</u></b>	<b><u>R</u></b>
_____	_____	_____	_____	_____

<b>CHEMISTRY (18)</b>	<b><u>CR</u></b>	<b><u>SEM</u></b>	<b><u>GR</u></b>	<b><u>R</u></b>
CHEM 121 Gen Chem I	4	_____	_____	_____
CHEM 121L Gen Chem I Lab	1	_____	_____	_____
CHEM 122 Gen Chem II	4	_____	_____	_____
CHEM 122L Gen Chem II Lab	1	_____	_____	_____
CHEM 211 Organic Chem I	3	_____	_____	_____
CHEM 211L Organic Chem I Lab	1	_____	_____	_____
CHEM 212 Organic Chem II	3	_____	_____	_____
CHEM 212L Organic Chem II Lab	1	_____	_____	_____

\*Math/Comp Science elective will be recommended by mentor: MATH 116, 135, 325W or COSC 101, 135, 150 or 160.

\*\*\*This tally sheet is subject to change.

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\*Minimum of 20 credits to be selected from the following :  
 (Students must take at least one field course ENVI 466/492W/494 or other courses approved by their

faculty mentor)

BIOL 335	Vertebrate Anatomy and Development
BIOL 340W	Evolution
BIOL 398/399, CHEM 490W/H, ENVI 390	Research
BIOL 417	Invertebrate Biology/Biotechnology
ENVI/BIOL 492W	Stream Field Biology
CHEM 301	Physical Chemistry for Life Sciences (4 cr)
CHEM 321	Physical Chemistry I
CHEM 322	Physical Chemistry II
CHEM 230L	Research Lab Techniques (2 cr)
CHEM 423	Analytical Chemistry
ENVI/BIOL 466	Terrestrial Field Biology
ENVI/BIOL 499	Microbial Ecology
ENVI 491	Environmental Hydrogeology (2 cr)
ENVI 494	Environmental Sampling and Analyses
ENVI 497	Applied and Environmental Microbiology
ENVI 520	GIS for Environmental Science
ENVI 531	Environmental Management
ENVI 533W	Environmental Writing
ENVI 537	Conflict Resolution (2 cr)
ENVI 540	Environmental Law (2 cr)
ENVI 542	Sustainable Business Practices (2 cr)
ENVI 544	Environmental Policy
ENVI 549	Quantitative Environmental Methods
ENVI 570	Air Pollution Prev and Control
ENVI 571	Water Pollution Prev and Control
ENVI 572	Solid and Hazardous Waste
ENVI 600-603	Internship
BIOL 650	Conservation Biology

(Other courses, including courses at other institutions, may be approved by the student's faculty mentor.

Students can concentrate studies in BIOL/CHEM/ENVI tracks and earn a minor in biology or chemistry).

**MINOR OR ELECTIVES**

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CR

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SEM

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GR

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R

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