

ADVISING & GRADUATION WORKSHEET FOR BIOLOGY BS (_____, Advisor)

Environmental Science Emphasis

Name: _____ Specialization (Gen. Biol., allied health, etc.) _____

Student Number: _____ Semester & Year major declared: _____

Contact Numbers: Campus Phone _____ Home Phone: _____ email address: _____

ENGL 1101 ___ (3) ENGL 1102 ___ (3)	MATH 1113 ___ (3) <i>(may substitute MATH 1112 ___ (3) but substitution form is required)</i> MATH 2261 ___ (4)	CHEM 1211 ___ (3) CHEM 1211L ___ (1) CHEM 1212 ___ (3) CHEM 1212L ___ (1)	BIOL 1100 ___ (1) BIOL 1080 ___ (3) BIOL 1107 ___ (4) BIOL 1108 ___ (4)	Social Sciences (12 hrs total required) HIST 2111 ___ (3) <i>or</i> HIST 2112 ___ (3) POLS 1101 ___ (3)
ENGL LIT (3) <i>(choose one)</i> ENGL 2111 ___ ENGL 2112 ___ ENGL 2113 ___ <i>and</i> 3 hrs. additional from Humanities / Fine Arts (including MCFL) <i>(see Area C list in Catalogue)</i> _____ (___)	MATH 2620 ___ (3)	PHYS 1111K ___ (4) PHYS 1112K ___ (4) <i>or</i> PHYS 2211K ___ (4) PHYS 2212 K ___ (4)	PERS 2420 ___ (2) PERS 2450 ___ (2) <i>(Note: PERS different area requirement will be waived)</i> <i>Indicate any Area B transfer courses or substitutions below:</i> _____ (___) _____ (___)	<i>Choose any 2 from the following 3 hr courses:</i> AFAM/WMST 2020 ___ ANTH 1102 ___ ECON 1500 ___ GEOG 1100 ___ GEOG 1102 ___ GEOG 1103 ___ HIST 1011 ___ HIST 1012 ___ HIST 1013 ___ PSYC 1101 ___ POLS 2101 ___ POLS 2401 ___ POLS 2501 ___ SOCI 1101 ___ SOCI 1160 ___

Required Upper Division Courses and Electives

BIOL 3200 ___ (3) BIOL 3250 ___ (4) BIOL 4900 ___ (1) BIOL 4950 ___ (3) or 3 hour internship at an Environmental Agency/Company	BIOL >3000 (23-24 hrs. required) <i>Notes: Can <u>not</u> include BIOL 4830, 4840, or 4850; Four courses with labs required</i> BIOL 3350 ___ (3) BIOL 4000 ___ (4) BIOL 3450 ___ (4) BIOL 4700 ___ (4) BIOL 3970 ___ (4) BIOL 4710 ___ (4) BIOL 4000 ___ (3) BIOL _____ (___)	CHEM 3401 ___ (4) CHEM 3402 ___ (4) <i>(Students transferring Organic Chemistry must take 8 additional hours in the Upper Division)</i> CHEM 3320 ___ (3)	GENERAL ELECTIVES (11-12 hrs.) <i>(may include BIOL courses)</i> BIOL 4020 ___ (VR) GEOG 3051 ___ (3) GEOG 3810 ___ (3) CHEM 3601 ___ (3) _____ (___) _____ (___) _____ (___) _____ (___)
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Note: All math and science courses require grade of C or higher.

B.S. degree in Biology with environmental science emphasis

Note that guided upper division biology courses, guided core courses, and guided general electives are designed to position the student to qualify as near as possible within the framework of the baccalaureate degree and current courses offered at Valdosta State University for certification as a wildlife biologist by The Wildlife Society.

Guided core courses:

AREA B – PERS 2420 – Scientific Dimensions of Environmental Change
PERS 2450 – Environmental Issues for the New Millennium

Guided upper division Biology courses:

BIOL 3350 – Environmental Science
BIOL 3450 – Animal Physiology
BIOL 3970 – Wildlife Biology
BIOL 4700 – Limnology
BIOL 4710 – Aquatic Toxicology
BIOL 4000 – Marine Biology
BIOL 4000 – Global Change Biology

Choose one from the following:

BIOL 4750 – Population Biology
BIOL 3600 – Local Flora
BIOL 3610 – Dendrology
BIOL 3950 – Ornithology
BIOL 3960 – Mammalogy
BIOL 3920 – Herpetology
BIOL 3900 – Ichthyology
BIOL 4650 – Animal Behavior
BIOL 3980 – Wildlife Diseases

Guided general electives:

CHEM 3601 – Biochemistry
GEOG 3051 – Introduction to Geographic Information Systems
BIOL//GEOG 3810 Introduction to Biogeography
BIOL 4020 – Topics in Conservation Biology