MILLERSVILLE UNIVERSITY

Student LD #

Otadoni Han		Ottacht i.b.m
DEGREE:	BS	MAJOR REQUIREMENTS FOR A BS DEGREE IN
MAJOR:	BIOL	BIOLOGY: ENVIRONMENTAL BIOLOGY
OPTION:	EBIO	Total credit hours required: 120.0 minimum

REQUIREMENTS AND POLICIES FOR THE BS BIOLOGY MAJOR

A. Policies for Admission to the Major

Student Name

- 1. New students (freshmen and transfers) must be admitted to the Biology major by the Office of Admissions upon admission to the University.
- 2. Admission of Millersville University students to the biology major (from other departments or undeclared status) requires that the student is in satisfactory academic standing as described inthe Undergraduate Catalog. Students who were dropped from a Biology major also must satisfy the Biology Retention in the Major criteria before being readmitted to a Biology major.
- 3. Non-degree and continuing education students must be admitted to the Biology major by the Office of Admissions.

B. Policies for Retention in the Major

- 1. University requirements for retention must be met.
- 2. All Biology majors must earn grades of C- (C minus) or higher in all core courses (BIOL 101, 211, 221, 343, 362, 364) required for their option.
- 3. The requirements stated above must be satisfied before completion of 90 Millersville University credit hours.
- 4. Millersville University students changing majors, or Biology majors changing options within the Biology major, must satisfy the above requirements prior to completion of 45 additional Millersville University credit hours. Note: Students who desire to change their major to Biology must refer to the Biology department's Admission to the Major Policy. Those transferring into the major may substitute BIOL 100 for BIOL 101 if they earn a grade of B-(B minus) or higher in this course.
- 5. Transfer students with 60 credit hours or more must satisfy the above requirements prior to completion of 45 Millersville University credit hours. Transfer students with fewer than 60 credits should refer to the Biology department's Admission to the Major Policy.
- 6. Any students failing to meet the above requirements will be dropped from the Biology major. Students who wish to re-enter the major, must follow the requirements stipulated in part 4 above.

C. Policies for Completion of the Major

- 1. Completion of all University curricular requirements.
- 2. ENGL 312, Technical Writing, is the recommended course for the Upper Level Writing Requirement under the General Education Curriculum Requirements.

Note to the student: This form is provided as a guide. It is your responsibility to consult regularly with your advisor to be aware of changes and curriculum details which are not incorporated on this form.

MAJOR SEQUENCE AND DEGREE REQUIREMENTS

Major: **BS BIOLOGY**Option: **ENVIRONMENTAL BIOLOGY**Major Field Requirements: **46.0 credits**Other Requirements: **37.0 - 40.0 credits**

When applicable, up to six of the **REQUIRED RELATED** courses may be credited toward the Liberal Arts Core subject to normal distribution rules.

•	5: 37.0 - 40.0 creats	0.11	0	Course N	•	Chart Title	CII	Crado
Course No. Short		C.H.	Grade	Course N		Short Title	C.H.	Grade
REQUIRED BIOLOGY COURSES (24.0 credits)					REQUIRED RELATED (37.0 - 40.0 credits)			
BIOL 101 Foundat BIOL 211 Concept BIOL 221 Concept BIOL 343 Ecology BIOL 362 Cell & D BIOL 364 Genetics REQUIRED ENV BIO BIOL 344 Populati BIOL 446 Ecosyste BIOL 472 Seminar DIRECTED ELECTIV Select two of the follow BIOL 325 Plant Sys BIOL 329 Plant/Ins	ions of Biology s of Zoology s of Botany & Evolution evelopment s & Molecular Biology OL COURSES (7.0-8.0 on Community Ecology ems (Env. Biology) /ES in Adv. Ecology ewing courses: stematics* ect Interactions	4.0 4.0 4.0 4.0 4.0 4.0 0 credits 3.0 3.0 1.0-2. (6.0 cred	——————————————————————————————————————	CHEM CHEM CHEM NOTE: (for CHEI *Must ea 235 or 2 Mathei MATHOR MATHOR MATH	111* 112* 235 375 CHEM W 235. arn a C 32. matic 151	(16.0 credits) Introductory Chemistry I Introductory Chemistry II Short Course Organic Chemistr Environmental Chemistry I & La 231* and CHEM 232 (total 8.0 cre	4.0 4.0 ry 4.0 ab 4.0 dits) may s	ubstitute
BIOL 443 Conserva BIOL 445 Aquatic E BIOL 486 Behavior NOTE: BIOL 325 is re Organismal Biology In consultation with you following: BIOL 346, 39 BIOL	Biology al Ecology commended. (3.0-4.0 credits) r advisor, choose one co 26, 415, 416, 417, 418, 4	3.0 3.0 3.0 3.0 3.0			235 Biom s (8.0 131 132 231	Biometry Survey of Statistics netry is recommended. Ocredits) Physics I with Algebra Physics II with Algebra	3.0 3.0 4.0 4.0 5.0 5.0	_ _ _ _
Choose one of the follow must involve research a internship and scientific BIOL 300 Co-op BIOL 489 Honors In BIOL 498 Independe BIOL 499 Honors T Other BIOL Electives Biology credits to 40 In consultation with your would count towards the be used as an elective in Required Related counts.	dependent Study ent Study in Biology hesis in Biology s (1.0-5.0 credits to b 6.0) advisor, choose addition Biology major. Note: B f used to fulfill the statisti	3.0 1.0-3.0 1.0-3.0 1.0-3.0 1.0-3.0 ring total course alou systems are quire	co-op co-op/	Enviro Students science desired i	nmer are eand to minor.	e graduate programs may requir with Calculus). Intal Science (6.0 - 8.0 credit encouraged to complete a minor ochoose courses from the list be For more information on environersville.edu/ces/minors.php Quantitative Analysis Environmental Chem II GIS App for Earth Sciences Hydrology Chemistry of the Atmosphere Urban Geography Map Interpretation & Analysis Geo. Information Systems Water Resources Mgmt Environment Impact Assess Urban & Reg Planning Legal Aspects Environ Safe Environ & Indus Health	s) in environr low that conmental m 4.0 4.0 3.0 3.0 3.0 3.0 3.0	mental ount in the