

MONMOUTH UNIVERSITY
Office of Registration & Records

Sequence Chart
2008-2009

BY.ME06.GE08

Academic Program: B.S. in Biology with a Concentration in Marine & Environmental Biology

Semester 1

COURSE	TITLE	CREDITS
EN101	College English I	3
CE111	Gen. Chemistry I	3
CE111L	Gen. Chem. I Lab	1
BY120	Ecology	3
MA115 or MA116	Intro to Math Modeling Calculus for Biology	3
IT102	Information Technology	3
LC100	Freshman Seminar	1
	TOTAL	17

Semester 2

COURSE	TITLE	CREDITS
EN102	College English II	3
CE112	Gen. Chemistry II	3
CE112L	Gen. Chem. II Lab	1
BY110	Principles of Biology	4
MA151	Statistics	3
Aesthetics	AR/MU/TH/DA101	3
WP001	Writing Proficiency Exam	0
	TOTAL	17

Semester 3

COURSE	TITLE	CREDITS
HS101	Western Civilization I	3
CE241	Organic Chemistry I	3
CE241L	Organic Chem. I Lab	2
BY203	Invertebrate Zoology	3
BY220	Environmental Biology	3
	TOTAL	14

Semester 4

COURSE	TITLE	CREDITS
HS102	Western Civilization II	3
CE242	Organic Chemistry II	3
BY214	Systematic Botany	3
HU201	Critical Discourse	3
**	Social Sciences Req.	3
	TOTAL	15

Semester 5

COURSE	TITLE	CREDITS
BY323	General Microbiology	4
BY310	Biochemistry	4
BY320	Ecosystems Analysis	3
PH105	Physics for Life Sci. I	3
PH105L	Phys. For Life Sci. Lab I	1
EN201	Literature I	3
WT001*	Writing Intensive Course in Biology	0
	TOTAL	18

Semester 6

COURSE	TITLE	CREDITS
**	Social Sciences Req.	3
BY375L	Molecular&Cell Bio Lab	2
*	Cross-Cultural Req.	3
PH106	Physics for Life Sci. II	3
PH106L	Phys. For Life Sci. Lab II	1
EN202	Literature II	3
WT001*	Writing Intensive Course in Biology	0
	TOTAL	15

Semester 7

COURSE	TITLE	CREDITS
BY423	Genetics	4
BY441	Marine Biology	4
*	Cross-Cultural Req.	3
Byxxx	MEB Research/Internship/Co- op/Practicum	2-3
Elective		3
	TOTAL	16-17

Semester 8

COURSE	TITLE	CREDITS
BYxxx	MEB Electives	3-4
BY495	Senior Sem and Portfolio	1
PRxxx	Perspectives Course	3
Elective		4
EX001*	Experiential Education	0
BY425	Princ. Of Development	4
	TOTAL	15-16

TOTAL CREDITS 128

*See WEBadvisor "Sections Offered by Term" for complete listing of courses with type:

CC: Cross-Cultural

WT: Writing Intensive

EX: Experiential Education

**Social Sciences: See curriculum chart for choices.