

MONMOUTH UNIVERSITY
Office of Registration & Records
Sequence Chart
2008-2009

BY07EDS08GE08

**Academic Program: B.S. in Biology and Education with Endorsement
in Secondary Education in Biology**

Semester 1

COURSE	TITLE	CREDITS
EN101	College English I	3
CE111 or CE111L	Gen. Chem I and Lab	4
PY103	Intro to Psychology	3
BY110	Principles of Biology	4
MA115	Math Models in Biology	3
	TOTAL	17

Semester 2

COURSE	TITLE	CREDITS
EN102	College English II	3
CE112 or CE112L	Gen Chem II & Lab	4
IT102	Info Tech for Scientists	3
ED201	Educational Psychology	3
BY120	Ecology	3
WP001	Writing Proficiency Exam	0
	TOTAL	16

Semester 3

COURSE	TITLE	CREDITS
HS101	Western Civ. I	3
CE241 or CE241L	Organic Chem I & Lab	5
ED250	Found Tchg. & Learn.	3
BY203 or BY204	Invertebrate Zoology or Vertebrate Zoology	3
ED204	Adolescent Psychology	3
	TOTAL	17

Semester 4

COURSE	TITLE	CREDITS
HS102	Western Civ. II	3
ED319	Content Literacy	3
ED319N	NCATE Assessment	0
CE 242	Organic Chem II	3
BY213 or BY214	Biology of Vasc. Plants or Systematic Botany	3
MA151	Statistics w/ Applications	3
*	Cross-Cultural Req.	3
	TOTAL	18

Semester 5

COURSE	TITLE	CREDITS
ED320	Teach. Child. With Diverse Needs	3
ED369 or ED375 (Term A)	Meth Teach Sec Science I or Sec Teach Meth I (Term A)	3
BY310	Biochemistry & Lab	4
ED370 or ED376 (Term B)	Meth Teach Sec Science II or Sec Teach Meth II (Term B)	3
PH105 and PH105L	Physics for Life Sci. and Lab	4
WT001*	Writing Intensive Course in Biology	0
WT001*	Writing Intensive Course in Education	0
	TOTAL	17

Semester 6

COURSE	TITLE	CREDITS
EN201	Literature I	3
BY375L	Molecular Cell Lab	2
Aesthetics	AR/MU/TH/DA101	3
BY370	Cell Biology	3
PH106 and PH106L	Physics for Life Sci. and Lab	4
WT001*	Writing Intensive Course in Biology	0
WT001*	Writing Intensive Course in Education	0
	TOTAL	15

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Semester 7

COURSE	TITLE	CREDITS
EN202	Literature II	3
BYxxx	Biology Elective	3
BY323	Gen. Microbiology	4
BY423	Genetics	4
	TOTAL	14

Semester 8

COURSE	TITLE	CREDITS
BY424	Evolution	3
**	Social Science Req.	3
PRxxx	Perspectives	3
BY425	Prin. Of Dev. Biology	4
ED-PRAXIS	Education Praxis II	0
	TOTAL	13

Semester 9

COURSE	TITLE	CREDITS
BY495	Senior Sem. & Portf.	1
ED416 or ED417	Student Teaching or Supervised Teaching	8
ED416s or ED417s	Seminar in Stud. Teach. Or Seminar in Supervised Tch.	1
BYxxx	Biology Elective	3
	TOTAL	13

TOTAL CREDITS 140

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

CC: Cross-Cultural
WT: Writing Intensive

**Social Sciences: See curriculum chart for choices.

NOTE: The opportunity to finish this program within a shorter time period is possible.
Please consult with your advisor