

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

BY06EDE08GE08

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

Semester 1

COURSE	TITLE	CREDITS
EN101	College English I	3
CE111 and CE111L	General Chem I and General Chem 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 and CE112L	General Chem II and General Chem Lab	4
BY120	Ecology	3
IT102	Info Tech for Scientists	3
PY201	Educational Psychology	3
WP001	Writing Proficiency Exam	0
	TOTAL	16

Semester 3

COURSE	TITLE	CREDITS
HS101	Western Civ. I	3
CE241 and CE241L	Organic Chem & Lab I	5
ED250	Found Tchg & Learning	3
BY203 or BY204	Invertebrate Zoology or Vertebrate Zoology	3
PY203	Child Psychology	3
	TOTAL	17

Semester 4

COURSE	TITLE	CREDITS
HS102	Western Civ. II	3
CE242	Organic Chem II	3
EDL326	Lit. in Educ. Settings, P-5	3
BY213 or BY214	Biology of Vasc. Plants or Systematic Botany	3
MA151	Statistics w/ Applications	3
*	Cross-Cultural Requirement	3
	TOTAL	18

Semester 5

COURSE	TITLE	CREDITS
EDL327	Literacy Instruction in Educational Setting 5-12	3
EDL327N	NCATE Assessment	0
EN201	Literature I	3
BY323	General Microbiology	4
PH105 and PH105L	Physics for Life Sci. and Lab	4
BY310	Biochemistry & Lab	4
WT001*	Writing Intensive Course in Biology	0
WT001*	Writing Intensive Course in Education	0
	TOTAL	18

Semester 6

COURSE	TITLE	CREDITS
EN202	Literature 2	3
ED320	Teach. Child with Diverse Needs	3
PH106 and PH106L	Physics for Life Sci. and Lab	4
BY375L	Molecular Cell Bio. Lab	2
BY370	Cell Biology	3
WT001*	Writing Intensive Course in Biology	0
WT001*	Writing Intensive Course in Education	0
	TOTAL	15

Semester 7

COURSE	TITLE	CREDITS
ED361	Teach. Elem. Science	3
ED361N	NCATE Assessment	0
ED362	Teach. Elem. Soc.St.	3
ED362N	NCATE Assessment	0
Aesthetics	AR/MU/TH/DA101	3
BYxxx	Biology Elective	3
BY423	Genetics	4

Semester 8

COURSE	TITLE	CREDITS
Byxxx	Biology Elective	3
BY425	Princ. Of Dev. Biology	4
BY424	Evolution	3
**	Social Science Req.	3
ED360	Teach. Elem Math	3
ED360N	NCATE Assessment	0
ED-PRAXIS	Education Praxis II	0

	TOTAL	16
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	TOTAL	16
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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	1
PRxxx	Perspectives Requirement	3
	TOTAL	13

TOTAL CREDITS: 146

*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