

# MONMOUTH UNIVERSITY

Office of Registration and Records

## 2011\*2012 Sequence Chart

### BY11EDS11GE11

### B.S. IN BIOLOGY AND EDUCATION WITH AN ENDORSEMENT IN SECONDARY EDUCATION

#### SEMESTER 1

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
EN101	YES		COLLEGE COMPOSITION 1	3.0
MA115 or 116 or 117	YES		SEE CURRICULUM CHART FOR TITLES	3.0
CE111/ CE111L	YES		GEN. CHEMISTRY I & LAB (GEN*ED NATURAL SCIENCE)	4.0
FY101	YES		FIRST YEAR SEMINAR	3.0
BY110	YES		INTRO. TO BIO. CELL MOLEC. (GEN*ED NATURAL SCIENCE)	4.0
<b>SEMESTER CREDITS</b>				<b>17.0</b>

#### SEMESTER 2

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
EN102	YES		COLLEGE COMPOSITION 2	3.0
PY103	YES	SS.SV	INTRO. TO PSYCHOLOGY (GEN*ED SOCIAL SCIENCE)	3.0
CE112/ CE112L	YES		GEN. CHEMISTRY II & LAB (GEN*ED NATURAL SCIENCE)	4.0
BY109	YES		INTRO. BIODIVERSITY EVOLU. (GEN*ED NATURAL SCIENCE)	4.0
IT102	YES	TL	INFO. TECH. FOR SCIENTISTS	3.0
<b>SEMESTER CREDITS</b>				<b>17.0</b>

#### SEMESTER 3

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
EDL201			EDUCATIONAL PSYCHOLOGY	3.0
ED250			FOUND OF TEACH. & LEARN.	3.0
CE241/ CE241L			SEE CURRICULUM CHART OR DEGREE AUDIT	5.0
BY223			GENERAL MICROBIOLOGY	4.0
BY205			ZOOLOGY	3.0
<b>SEMESTER CREDITS</b>				<b>18.0</b>

#### SEMESTER 4

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
ED320	YES	RD&WT	TEACH. STUD. WITH DIV. NEEDS (GEN*ED RD AND WRIT. INT.)	3.0
EDL206			CHILD & ADOLESCENT DEVELOP.	3.0
BY213 or BY214			SEE CURRICULUM CHART or DEGREE AUDIT	3.0
CE242			ORGANIC CHEMISTRY II	3.0
ED319/ ED319N	YES	WT	CONTENT LITERACY NCATE ASSESSMENT	3.0
<b>SEMESTER CREDITS</b>				<b>15.0</b>

SEE CURRICULUM CHART or DEGREE AUDIT FOR COMPLETE TITLE OF ALL COURSES. BE CERTAIN TO CONSULT WITH YOUR ADVISOR.

SEE WEBadvisor "SECTIONS OFFERED BY TERM" FOR COMPLETE LISTING OF COURSES WITH ASSOCIATED COURSE\* TYPES.

# MONMOUTH UNIVERSITY

Office of Registration and Records

## 2011\*2012 Sequence Chart

### BY11EDS11GE11

#### SEMESTER 5

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
BY310			BIOCHEMISTRY	4.0
PH105/PH105L			PHYSICS FOR LIFE SCI. I & LAB	4.0
ENxxx	YES		GEN*ED LITERATURE	3.0
ED369 or ED375 (TERM A)			SEE CURRICULUM CHART or DEGREE AUDIT	3.0
ED370 or ED376 (TERM B)			SEE CURRICULUM CHART or DEGREE AUDIT	3.0
<b>SEMESTER CREDITS</b>				<b>17.0</b>

### B.S. IN BIOLOGY AND EDUCATION WITH AN ENDORSEMENT IN SECONDARY EDUCATION

#### SEMESTER 6

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
xxx	YES	CD	GEN*ED CULTURAL DIVERSITY	3.0
PH106/PH106L			PHYSICS FOR LIFE SCI. II & LAB	4.0
BY370			CELL BIOLOGY	3.0
HSxxx	YES	HS.SV	GEN*ED HISTORICAL PERSPEC.	3.0
MA151	YES		STATISTICS (GEN*ED MATHEMATICS)	3.0
<b>SEMESTER CREDITS</b>				<b>16.0</b>

#### SEMESTER 7

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
xxx	YES	HS.SV or SS.SV	GEN*ED HISTORICAL PERSP. Or SOCIAL SCIENCE	3.0
BY423			GENETICS	4.0
xxx	YES	GU	GEN*ED GLOBAL UNDERSTAND.	3.0
BYxxx			BIOLOGY ELECTIVE	3.0
<b>SEMESTER CREDITS</b>				<b>13.0</b>

#### SEMESTER 8

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
BY375L	YES	RD	MOLECULAR & CELL BIO. LAB	3.0
BYxxx			BIOLOGY ELECTIVE	5.0
BY425			PRINCIPLES OF DEVELOP. BIO.	4.0
BY495	YES	RD	SENIOR SEMINAR & PORTFOLIO	1.0
AR,MU,DA or TH			GEN*ED AESTHETICS	3.0
<b>SEMESTER CREDITS</b>				<b>16.0</b>

#### SEMESTER 9

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
ED416 or ED417	YES	EX	STUDENT or SUPERVISED TEACHING	8.0
ED416S or ED417S			SEMINAR	1.0
xxx	YES	ISP	GEN*ED INTERDISCIP. PERSPEC.	3.0
<b>SEMESTER CREDITS</b>				<b>12.0</b>