

**MONMOUTH UNIVERSITY**

Office of the Registrar

2014\*2015 Sequence Chart

**BY12EDS14GE14**

**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 COMP I	3.0
MA115 or 116 or 117	YES		SEE CURRICULUM CHART	3.0
CE111/ CE111L	YES		GEN. CHEMISTRY I & LAB	4.0
FY101	YES		FIRST YEAR SEMINAR	3.0
BY110	YES		INTRO. TO BIO. CELL MOLEC.	4.0
<b>SEMESTER CREDITS</b>				<b>17.0</b>

**SEMESTER 2**

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
EDL201			EDUCATIONAL PSYCHOLOGY	3.0
EN102	YES		COLLEGE COMPOSITION II	3.0
CE112/ CE112L	YES		GEN. CHEMISTRY II & LAB	4.0
BY109	YES		INTRO. BIODIVERSITY EVOLU.	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.
xxx	YES	SS.SV	GEN*ED SOCIAL SCI REQ	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	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	YES	WT	CONTENT LITERACY	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.

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## 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
xxx	YES	HS.SV or SS.SV	GEN*ED HIST. PERSPECT. or SOCIAL SCIENCE	3.0
xxx	YES	GU	GEN*ED GLOBAL UNDERSTAND.	3.0
<b>SEMESTER CREDITS</b>				<b>17.0</b>

## SEMESTER 7

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
ED369 or ED375 (TERM A)			SEE CURRICULUM CHART or DEGREE AUDIT	3.0
BY423			GENETICS	4.0
ED370 or ED376 (TERM B)			SEE CURRICULUM CHART or DEGREE AUDIT	3.0
BYxxx			BIOLOGY ELECTIVE	3.0
<b>SEMESTER CREDITS</b>				<b>13.0</b>

## SEMESTER 9

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
ED416	YES	EX	STUDENT TEACHING	8.0
ED416S			SEMINAR	1.0
xxx	YES	ISP	GEN*ED INTERDISCIP. PERSPEC.	3.0
<b>SEMESTER CREDITS</b>				<b>12.0</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	3.0
<b>SEMESTER CREDITS</b>				<b>16.0</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	1.0
AR,MU,DA or TH			GEN*ED AESTHETICS	3.0
<b>SEMESTER CREDITS</b>				<b>16.0</b>