

**MONMOUTH UNIVERSITY**

Office of Registration and Records

**2013\*2014 Sequence Chart**

**BY12.GE13**

**SEMESTER 1**

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
EN101	YES		COLLEGE COMPOSITION 1	3.0
CE111 & CE111L			GENERAL CHEMISTRY I & LAB	4.0
BY110	YES		INTRO. TO CELL & MOLEC. BIO.	4.0
MA115 or MA116 or MA125	YES		SEE CURRICULUM CHART	3.0
FY101	YES		FIRST YEAR SEMINAR	3.0
<b>SEMESTER CREDITS</b>				<b>17.0</b>

**SEMESTER 3**

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
CE241 & CE241L			ORGANIC CHEMISTRY I & LAB	5.0
HS*xxx	YES	HS.SV	GEN*ED HISTORIAL PERSPEC.	3.0
BY205			ZOOLOGY	3.0
BY223 or BY214			SEE CURRICULUM CHART	3.0
<b>SEMESTER CREDITS</b>				<b>14.0</b>

**B.S. IN BIOLOGY**

**SEMESTER 2**

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
EN102	YES		COLLEGE COMPOSITION 2	3.0
CE112 & CE112L			GENERAL CHEMISTRY II & LAB	4.0
BY109	YES		INTRO TO BIODIVERSITY & EVOL.	4.0
IT102	YES	TL	INFORM. TECH. FOR SCIENTISTS	3.0
AR,MU, DA or TH	YES		GEN*ED AESTHETICS	3.0
<b>SEMESTER CREDITS</b>				<b>17.0</b>

**SEMESTER 4**

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
xxx	YES	SS.SV	GEN*ED SOCIAL SCIENCE	3.0
CE242			ORGANIC CHEMISTRY II	3.0
MA151			STATISTICS WITH APPLICATIONS	3.0
xxx	YES	HS.SV or SS.SV	GEN*ED HISTORICAL PERSPEC. or SOCIAL SCIENCE	3.0
BY223 or BY214			SEE CURRICULUM CHART	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.
Enxxx	YES	LIT	GEN*ED LITERATURE	3.0
BY310	YES	WT	BIOCHEMISTRY AND LAB (GEN*ED WRITING INTENSIVE)	4.0
PH105 & PH105L			PHYSICS FOR LIFE SCI. I & LAB	4.0
xxx	YES	CD	GEN*ED CULTURAL DIVERSITY	3.0
xxx			FREE ELECTIVES	3.0
<b>SEMESTER CREDITS</b>				<b>17.0</b>

### B.S. IN BIOLOGY

SEMESTER 6				
COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
BY370			CELL BIOLOGY	3.0
BY375L	YES	RD & WT	MOLECULAR & CELL BIO. LAB (GEN*ED REASONED ORAL DISCOURSE & WRITING INTENSIVE)	3.0
PH106 & PH106L			PHYSICS FOR LIFE SCI. & LAB II	4.0
xxx			FREE ELECTIVES	3.0
xxx			FREE ELECTIVES	3.0
<b>SEMESTER CREDITS</b>				<b>16.0</b>

### SEMESTER 7

SEMESTER 7				
COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
BY423			GENETICS	4.0
BYxxx			BIOLOGY ELECTIVE (SEE CURRICULUM CHART)	4.0
xxx	YES	GU	GEN*ED GLOBAL UNDERSTAND.	3.0
xxx	YES	EX	FREE ELECTIVES (GEN*ED EXPERIENTIAL EDUC.)	3.0
<b>SEMESTER CREDITS</b>				<b>14.0</b>

### SEMESTER 8

SEMESTER 8				
COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
xxx	YES	ISP	GEN*ED INTERDISCIPLINARY PERSPECTIVES	3.0
BY495	YES	RD	SENIOR SEMINAR (GEN*ED REASONED ORAL DISC.)	1.0
BY425			PRIN. OF DEVELOPMENTAL BIO.	4.0
BYxxx			BIOLOGY ELECTIVE (SEE CURRICULUM CHART)	4.0
xxx			FREE ELECTIVES	3.0
xxx			FREE ELECTIVES	2.0
<b>SEMESTER CREDITS</b>				<b>17.0</b>