

**MONMOUTH UNIVERSITY**

Office of the Registrar

2018\*2019 Sequence Chart

**BY.EDE.BS.18**

**SEMESTER 1**

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
EN101	YES		COLL COMP I	3.0
MA115 or 116 or 117	YES		SEE CURRICULUM CHART	3.0
CE111/ CE111L	YES	NS	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 3**

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
EDL326			LIT. IN EDUC. SETTINGS	3.0
ED320	YES	RD&WT	TEACH. STUD. WITH DIV. NEEDS	3.0
CE241/ CE241L			SEE CURRICULUM CHART OR DEGREE AUDIT	5.0
BY205			ZOOLOGY	3.0
BY223			GENERAL MICROBIOLOGY	4.0
<b>SEMESTER CREDITS</b>				<b>18.0</b>

**B.S. IN BIOLOGY AND EDUCATION WITH AN ENDORSEMENT IN ELEMENTARY EDUCATION**

**SEMESTER 2**

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
EN102	YES		COLLEGE COMPOSITION 2	3.0
ED250			PHILOSOPHICAL & PSYCHOLOGICAL FOUND. OF ED.	3.0
CE112/ CE112L	YES	NS	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 4**

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
xxx	YES	HS.SV or SS.SV	GEN*ED HIST. PERSPECT. or SOCIAL SCIENCE	3.0
EDS330	YES	WT	FOUND. OF SPEC. ED. DEVELOP. ACROSS LIFESPAN	3.0
BY213 or BY214			SEE CURRICULUM CHART or DEGREE AUDIT	3.0
CE242			ORGANIC CHEMISTRY II	3.0
BYxxx			BIO. ELECTIVE (SEE CURR. CHART)	3.0
xxx	YES	CD	GEN*ED CULTURAL DIVERSITY	3.0
<b>SEMESTER CREDITS</b>				<b>18.0</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 & LABORATORY	4.0
PH105/PH105L			PHYSICS FOR LIFE SCI. I & LAB	4.0
EDS336			CLASSROOM MGMT	3.0
ENxxx	YES	LIT	GEN*ED LITERATURE	3.0
BY216			INTRO TO GENETICS	4.0
<b>SEMESTER CREDITS</b>				<b>18.0</b>

**SEMESTER 7**

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
ED361			TEACH. ELEMENTARY SCIENCE	3.0
HSxxx	YES	HS.SV	GEN*ED HISTORICAL PERSPEC.	3.0
xxx	YES	GU	GEN*ED GLOBAL UNDERSTAND.	3.0
BYxxx			BIOLOGY ELECTIVE (SEE CURR. CHART)	3.0
xxx	YES	SS.SV	GEN*ED SOCIAL SCIENCE	3.0
<b>SEMESTER CREDITS</b>				<b>15.0</b>

**SEMESTER 9**

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
ED416	YES	EX	CLINICAL PRACTICE	8.0
ED416S			CLINICAL PRACTICE 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  
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**SEMESTER 6**

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
AR,MU,DA or TH	YES	AT	GEN*ED AESTHETICS	3.0
PH106/PH106L			PHYSICS FOR LIFE SCI. II & LAB	4.0
BY370			CELL BIOLOGY	3.0
MA151	YES		STATISTICS	3.0
ED362			TEACH. ELEM. SOC. STUDIES	3.0
<b>SEMESTER CREDITS</b>				<b>16.0</b>

**SEMESTER 8**

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
ED360			TEACH. ELEM. MATH	3.0
BY495	YES	RD	SENIOR SEMINAR	1.0
BY425			PRINCIPLES OF DEVELOP. BIO.	4.0
BYxxx			BIOLOGY ELECTIVE (SEE CURR. CHART)	2.0
EDL327	YES	WT	LIT. INSTR. K-6, EDUC. SETT., II	3.0
BY375L	YES	RD	MOLECULAR & CELL BIO. LAB	3.0
<b>SEMESTER CREDITS</b>				<b>16.0</b>