

MONMOUTH UNIVERSITY

Office of the Registrar

2019*2020 Sequence Chart

BY.BS.19

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	NS	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
SEMESTER CREDITS				17.0

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 HISTORICAL PERSPEC.	3.0
BY205			ZOOLOGY	3.0
BY223 or BY214			SEE CURRICULUM CHART	3.0-4.0
SEMESTER CREDITS				14.0-15.0

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	NS	INTRO TO BIODIVERSITY & EVOL.	4.0
IT102	YES	TL	INFORM. TECH. FOR SCIENTISTS	3.0
AR,MU, DA or TH	YES	AT	GEN*ED AESTHETICS	3.0
SEMESTER CREDITS				17.0

SEMESTER 4

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
BY216			INTRO. TO GENETICS	4.0
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	3.0-4.0
SEMESTER CREDITS				16.0-17.0

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	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
SEMESTER CREDITS				17.0

SEMESTER 7

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
xxx	YES	SS.SV	GEN*ED SOCIAL SCIENCE	3.0
BYxxx			BIOLOGY ELECTIVE	4.0
xxx	YES	GU	GEN*ED GLOBAL UNDERSTAND.	3.0
xxx	YES	EX	FREE ELECTIVES	3.0
SEMESTER CREDITS				13.0

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	3.0
PH106 & PH106L			PHYSICS FOR LIFE SCI. & LAB II	4.0
xxx			FREE ELECTIVES	3.0
xxx			FREE ELECTIVES	3.0
SEMESTER CREDITS				16.0

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	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	3.0
SEMESTER CREDITS				18.0