

MONMOUTH UNIVERSITY

Office of the Registrar

2019*2020 Sequence Chart

BY.EDS.BS.19

**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 MA116	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
SEMESTER CREDITS				17.0

SEMESTER 2

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
ED250			PHILOSOPHICAL & PSYCHOLOGICAL FOUND. OF ED.	3.0
EN102	YES		COLLEGE COMPOSITION II	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
SEMESTER CREDITS				17.0

SEMESTER 3

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
xxx	YES	SS.SV	GEN*ED SOCIAL SCI REQ	3.0
ED320	YES	RD&WT	TEACH. STUD. WITH DIV. NEEDS	3.0
CE241/ CE241L			SEE CURRICULUM CHART OR DEGREE AUDIT	5.0
BY216			INTRO. TO GENETICS	4.0
BY200+			BY 200+ ELECTIVE (See curr. chart for options)	3.0
SEMESTER CREDITS				18.0

SEMESTER 4

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
xxx	YES	CD	GEN*ED CULTURAL DIVERSITY	3.0
EDS330	YES	WT	FOUND. OF SPEC. ED. DEVELOP. ACROSS LIFESPAN	3.0
BY200+			BY200+ ELECTIVE (See curr. chart for options)	3.0-4.0
CE242			ORGANIC CHEMISTRY II	3.0
xxx	YES	HS.SV or SS.SV	GEN*ED HIST. PERSPECT. or SOCIAL SCIENCE	3.0
SEMESTER CREDITS				15.0-16.0

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.
BY310			BIOCHEMISTRY	4.0
PH105/PH105L			PHYSICS FOR LIFE SCI. I & LAB	4.0
ENxxx	YES		GEN*ED LITERATURE	3.0
EDS336			CLASSROOM MGMT	3.0
AR,MU,DA or TH	YES	AT	GEN*ED AESTHETICS	3.0
SEMESTER CREDITS				17.0

SEMESTER 7

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
ED369 (TERM A)			METHODS OF TEACH SEC. SCI. I	3.0
xxx	YES	GU	GEN*ED GLOBAL UNDERSTAND.	3.0
BYxxx	YES	WT	BIOLOGY ELECTIVE	4.0
BY300+			BIOLOGY 300+ ELECTIVE (See curr. chart for options)	3.0
ED370 (TERM B)			METHODS OF TEACH SEC. SCI. II	3.0
SEMESTER CREDITS				16.0

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SEMESTER 6

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
PH106/PH106L			PHYSICS FOR LIFE SCI. II & LAB	4.0
BY300+			BIOLOGY 300+ ELECTIVE (See curr. chart for options)	3.0
HSxxx	YES	HS.SV	GEN*ED HISTORICAL PERSPEC.	3.0
MA151	YES		STATISTICS	3.0
ED319	YES	WT/EX	CONTENT LITERACY	3.0
SEMESTER CREDITS				16.0

SEMESTER 8

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
PRxxx	YES	ISP	GEN*ED INTERDISCP. PERSPEC.	3.0
ED416	YES	EX	CLINICAL PRACTICE	8.0
ED416S			CLINICAL PRACTICE SEMINAR	1.0
SEMESTER CREDITS				12.0