

MONMOUTH UNIVERSITY

Office of the Registrar

2019*2020 Sequence Chart

CE.BY.BS.19

SEMESTER 1

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
EN101	YES		COLLEGE COMPOSITION 1	3.0
CE111 & CE111L	YES	NS	GENERAL CHEMISTRY I & LAB	4.0
IT102	YES	TL	INFORM. TECH. FOR SCIENTISTS	3.0
MA125	YES		CALCULUS W/ANAL. GEOMETRY	4.0
FY101	YES		FIRST YEAR SEMINAR	3.0
SEMESTER CREDITS				17.0

B.S. IN CHEMISTRY AND A CONCENTRATION IN BIOCHEMISTRY

SEMESTER 2

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
EN102	YES		COLLEGE COMPOSITION 2	3.0
CE112 & CE112L	YES	NS	GENERAL CHEMISTRY II & LAB	4.0
MA126			CALCULUS W/ANAL. GEOMETRY II	4.0
BY110			INTRO. TO CELL & MOLECULAR BIO	4.0
xxx	YES	SS.SV	GEN*ED SOCIAL SCIENCE	3.0
SEMESTER CREDITS				18.0

SEMESTER 3

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
CE241 & CE241L			ORGANIC CHEMISTRY I & LAB	5.0
PH211 & PH211L			GEN. PHYS. W/CALCULUS I & LAB	5.0
xxx	YES	CD	GEN*ED CULTURAL DIVERSITY	3.0
xxx	YES	HS.SV or SS.SV	GEN*ED HISTORICAL PERSP. Or SOCIAL SCIENCE	3.0
SEMESTER CREDITS				16.0

SEMESTER 4

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
CE242 & CE242L			ORGANIC CHEMISTRY II & LAB	5.0
CE225 & CE225L	YES	WT	BIOANALYTICAL CHEMISTRY & LAB	5.0
PH212 & PH212L			GEN. PHYS. W/CALCULUS II & LAB	5.0
xxx			FREE ELECTIVES	3.0
SEMESTER CREDITS				18.0

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.
CE331 & CE331L			BIOCHEMISTRY I & LAB	4.0
CExxx			CHEMISTRY ELECTIVE (SEE CURRICULUM CHART)	4.0
xxx	YES	HS.SV	GEN*ED HIST. PERSPECTIVES	3.0
AR,MU DA or TH	YES	AT	GEN*ED AESTHETICS & CREATIVITY	3.0
CE311			CHEMICAL LITERATURE	1.0
SEMESTER CREDITS				15.0

SEMESTER 7				
COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
CE410	YES	RD	SEMINAR (GEN*ED REASONED ORAL DISC.)	1.0
xxx	YES	GU	GEN*ED GLOBAL UNDERSTAND.	3.0
BYxxx			BIOLOGY ELECTIVE (PLEASE SEE CURR. CHART)	3.0
xxx			FREE ELECTIVES	8.0
SEMESTER CREDITS				15.0

B.S. IN CHEMISTRY AND A CONCENTRATION IN BIOCHEMISTRY

SEMESTER 6				
COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
CE342 & CE342L	YES	WT	PHYS CHEM II & LAB	4.0
CE332			BIOCHEMISTRY II	3.0
CE410	YES	RD	SEMINAR (GEN*ED REASONED ORAL DISC.)	1.0
ENxxxx	YES	LIT	GEN*ED LITERATURE	3.0
xxx			FREE ELECTIVES	3.0
SEMESTER CREDITS				14.0

SEMESTER 8				
COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
CExxx			CHEMISTRY ELECTIVE (PLEASE SEE CURR. CHART)	3.0
xxx	YES	ISP	GEN*ED INTERDISC. PERSPECT.	3.0
xxx			FREE ELECTIVES	9.0
SEMESTER CREDITS				15.0