

MONMOUTH UNIVERSITY

Office of the Registrar

2016*2017 Sequence Chart

CE.ACS.BS.16

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 (GEN*ED NATURAL SCIENCE)	4.0
IT102	YES	TL	INFORM. TECH. FOR SCIENTISTS	3.0
MA125	YES		CALCULUS W/ANAL. GEOMETRY (GEN*ED MATH)	4.0
FY101	YES		FIRST YEAR SEMINAR	3.0
SEMESTER CREDITS				17.0

B.S. IN CHEMISTRY AND A CONCENTRATION IN ADVANCED CHEMISTRY

SEMESTER 2

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
EN102	YES		COLLEGE COMPOSITION 2	3.0
CE112 & CE112L		NS	GENERAL CHEMISTRY II & LAB (GEN*ED NATURAL SCIENCE)	4.0
MA126			CALCULUS W/ANAL. GEOMETRY II	4.0
HSxxx	YES	HS.SV	GEN*ED HISTORICAL PERSPECTIVES	3.0
SEMESTER CREDITS				14.0

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			FREE ELECTIVE	3.0
xxx	YES	HS.SV or SS.SV	HIST. PERSP. or SOC. SCI.	3.0
SEMESTER CREDITS				16.0

SEMESTER 4

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
AR,MU DA or TH	YES	AT	GEN*ED AESTHETICS	3.0
CE221 & CE221L			QUANTITATIVE ANALYSIS & LAB	5.0
PH212 & PH212L			GEN. PHYS. W/CALCULUS II & LAB	5.0
CE242 & CE242L			ORGANIC CHEMISTRY II & LAB	5.0
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.
xxx	YES	SS.SV	GEN*ED SOCIAL SCIENCE	3.0
BY310			BIOCHEMISTRY & LAB	4.0
CE341 & CE341L			PHYS CHEM I & LAB	4.0
CE401 & CE401L			ADV. INORGANIC CHEM. & LAB	4.0
SEMESTER CREDITS				15.0

SEMESTER 7				
COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
CE410	YES	RD	SEMINAR	1.0
xxx	YES	GU	GEN*ED GLOBAL UNDERSTAND.	3.0
CE4xx			CHEMISTRY FREE ELECTIVE	3.0
CE322 & CE322L	YES	WT	INSTRUMENTAL ANALYSIS & LAB	4.0
xxx			FREE ELECTIVES	3.0
xxx			FREE ELECTIVES	3.0
SEMESTER CREDITS				16.0

B.S. IN CHEMISTRY WITH A CONCENTRATION IN ADVANCED CHEMISTRY

SEMESTER 6				
COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
CE342 & CE342L			PHYS CHEM II & LAB	4.0
xxx	YES	CD	GEN*ED CULTURAL DIVERSITY	3.0
CE311			CHEMICAL LITERATURE	1.0
ENxxx	YES	LIT	GEN*ED LITERATURE	3.0
xxx			FREE ELECTIVES	3.0
SEMESTER CREDITS				17.0

SEMESTER 8				
COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
CE452			ADV. ORGANIC CHEMISTRY	3.0
xxx	YES	ISP	GEN*ED INTERDISC. PERSPECT.	3.0
xxx			FREE ELECTIVES	4.0
xxx			FREE ELECTIVES	4.0
SEMESTER CREDITS				14.0