

MONMOUTH UNIVERSITY

Office of Registration and Records

2012*2013 Sequence Chart

CE.BY12.GE12

SEMESTER 1

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
EN101	YES		COLLEGE COMPOSITION 1	3.0
CE111 & CE111L	YES		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			GENERAL CHEMISTRY II & LAB	4.0
MA126			CALCULUS W/ANAL. GEOMETRY II	4.0
BY110			INTRO. TO CELL & MOLECULAR BIO	4.0
SEMESTER CREDITS				15.0

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	SS.SV	GEN*ED SOCIAL SCIENCE	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
CE221 & CE221L			QUANTITATIVE ANALYSIS & LAB	4.0
PH212 & PH212L			GEN. PHYS. W/CALCULUS II & LAB	5.0
xxx			FREE ELECTIVES	3.0
SEMESTER CREDITS				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.

MONMOUTH UNIVERSITY

Office of Registration and Records

2012*2013 Sequence Chart

CE.BY12.GE12

SEMESTER 5				
COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
CE310	YES	WT	BIOCHEMISTRY & LAB	4.0
xxx			FREE ELECTIVE	3.0
CE372 & CE372L			SPECTR. & QUANTUM CHEMISTRY	4.0
SS.SV	YES		GEN*ED SOCIAL SCIENCE	3.0
AR,MU DA or TH	YES		GEN*ED AESTHETICS & CREATIVITY	3.0
SEMESTER CREDITS				14.0

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
BY223 or BY423			GENERAL MICROBIOLOGY or GENETICS	4.0
xxx	YES	EX	FREE ELECTIVES (GEN*ED EXPERIENTIAL ED)	3.0
xxx			FREE ELECTIVES	3.0
xxx			FREE ELECTIVES or CE401 for ACS CERTIFICATION	3.0
SEMESTER CREDITS				17.0

B.S. IN CHEMISTRY AND A CONCENTRATION IN BIOCHEMISTRY

SEMESTER 6				
COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
CE371 & CE371L			BIOPHYSICAL CHEMISTRY & LAB	4.0
xxx			GEN*ED CULTURAL DIVERSITY	3.0
CE311			CHEMICAL LITERATURE	1.0
ENxxxx	YES	LIT	GEN*ED LITERATURE	3.0
CE322 & CE322L	YES	WT	INSTRUMENTAL ANALYSIS & LAB (GEN*ED WRITING INTENSIVE)	4.0
SEMESTER CREDITS				18.0

SEMESTER 8				
COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
BY410			MOLECULAR BIOLOGY	3.0
CE452			ADV. ORGANIC CHEMISTRY	3.0
xxx	YES	ISP	GEN*ED INTERDISC. PERSPECT.	3.0
xxx			FREE ELECTIVES	3.0
xxx			FREE ELECTIVES	3.0
xxx			FREE ELECTIVES	2.0
SEMESTER CREDITS				17.0