

**MONMOUTH UNIVERSITY**

Office of Registration and Records

**2013\*2014 Sequence Chart**

**CE.ACS11.GE13**

**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 (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
<b>SEMESTER CREDITS</b>				<b>17.0</b>

**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			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
<b>SEMESTER CREDITS</b>				<b>14.0</b>

**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
<b>SEMESTER CREDITS</b>				<b>16.0</b>

**SEMESTER 4**

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
AR,MU DA or TH	YES		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
<b>SEMESTER CREDITS</b>				<b>18.0</b>

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
CE310			BIOCHEMISTRY & LAB	4.0
CE372 & CE372L			SPECTR. & QUANTUM CHEMISTRY	4.0
CE4xx			CHEMISTRY FREE ELECTIVE	3.0
<b>SEMESTER CREDITS</b>				<b>14.0</b>

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

SEMESTER 6				
COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
CE371 & CE371L			BIOPHYSICAL CHEMISTRY & LAB	4.0
xxx	YES	CD	GEN*ED CULTURAL DIVERSITY	3.0
CE322 & CE322L	YES	WT	INSTRUMENTAL ANALYSIS & LAB (GEN*ED WRITING INTENSIVE)	4.0
ENxxx	YES	LIT	GEN*ED LITERATURE	3.0
xxx			FREE ELECTIVES	3.0
<b>SEMESTER CREDITS</b>				<b>17.0</b>

### SEMESTER 7

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
CE401 & CE401L			ADV. INORGANIC CHEM. & LAB	4.0
xxx			FREE ELECTIVES	3.0
xxx			FREE ELECTIVES	3.0
xxx			FREE ELECTIVES	3.0
<b>SEMESTER CREDITS</b>				<b>17.0</b>

### SEMESTER 8

SEMESTER 8				
COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
CE311			CHEMICAL LITERATURE	1.0
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
<b>SEMESTER CREDITS</b>				<b>15.0</b>