

**MONMOUTH UNIVERSITY**

Office of the Registrar

2015\*2016 Sequence Chart

**CP15EDS14GE15**

**B.S. IN CHEMISTRY AND EDUCATION WITH AN ENDORSEMENT  
IN SECONDARY EDUCATION AND PHYSICAL SCIENCES**

**SEMESTER 1**

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
EN101	YES		COLLEGE COMPOSITION 1	3.0
xxx	YES	SS.SV	GEN*ED SOCIAL SCIENCE	3.0
CE111 & CE111L	YES	NS	GENERAL CHEMISTRY & LAB	4.0
FY101	YES		FIRST YEAR SEMINAR (SELECT "CE" SECTION)	3.0
MA125	YES		CALC. WITH ANAL. GEOM. (GEN*ED MATH)	4.0
<b>SEMESTER CREDITS</b>				<b>17.0</b>

**SEMESTER 2**

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
EN102	YES		COLLEGE COMPOSITION 2	3.0
EDL201			EDUCATIONAL PSYCHOLOGY	3.0
IT102	YES	TL	INFO. TECH. FOR SCIENTISTS	3.0
CE112 & CE112L	YES	NS	GEN. ED. CHEM. II & LAB	4.0
MA126			CALC. WITH ANAL. GEOMETRY II	4.0
<b>SEMESTER CREDITS</b>				<b>17.0</b>

**SEMESTER 3**

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
AR,DA,MU TH	YES	AT	GEN*ED AESTHETICS	3.0
ED250			FOUND OF TEACH. & LEARN.	3.0
CE241 & CE241L			ORGANIC CHEMISTRY I & LAB	5.0
PH211 & PH211L			GEN. PHYS. WITH CALC. I & LAB	5.0
<b>SEMESTER CREDITS</b>				<b>16.0</b>

**SEMESTER 4**

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
EDL206			CHILD AND ADOLES. DEVLEOP.	3.0
CE221 & CE221L			QUANTITATIVE ANALYSIS & LAB	5.0
CE242 & CE242L			ORGANIC CHEMISTRY II & LAB	5.0
PH212 & PH212L			GEN. PHYS. WITH CALC. 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.

**MONMOUTH UNIVERSITY**

Office of the Registrar

2015\*2016 Sequence Chart

**CP15EDS14GE15**

**B.S. IN CHEMISTRY AND EDUCATION WITH AN ENDORSEMENT  
IN SECONDARY EDUCATION AND PHYSICAL SCIENCES**

**SEMESTER 5**

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
ED320	YES	RD&WT	TEACH STUD. WITH DIV. NEEDS	3.0
CE341 & CE341L	YES	WT	PHYSICAL CHEMISTRY I & LAB	4.0
HSxxx	YES	HS.SV	GEN*ED HISTORICAL PERSP.	3.0
ED319	YES	WT	CONTENT LITERACY	3.0
PH301			MODERN PHYSICS*	3.0
<b>SEMESTER CREDITS</b>				<b>16.0</b>

**SEMESTER 6**

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
PH302			THEORETICAL PHYSICS*	3.0
CE322 & CE322L	YES	WT	INSTRUMENTAL ANALYSIS & LAB	4.0
CE311			CHEMICAL LITERATURE	1.0
ENxxx	YES	LIT	GEN*ED LITERATURE	3.0
xxx	YES	GU	GEN*ED GLOBAL UNDERSTAND.	3.0
xxx	YES	CD	GEN*ED CULTURAL DIVERSITY	3.0
<b>SEMESTER CREDITS</b>				<b>17.0</b>

**SEMESTER 7**

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
ED369 or ED375			METHODS OF TEACH. SEC. SCI. I	3.0
ED370 or ED376			METHODS OF TEACH. SEC. SCI. II	3.0
CE4xx			CHEMISTRY ELECTIVE	3.0
xxx	YES	HS.SV or SS.SV	GEN*ED HISTORICAL PERSPEC./SOCIAL SCI.	3.0
CE410			SEMINAR	1.0
xxx	YES	ISP	GEN*ED INTERDIS. STUDIES	3.0
<b>SEMESTER CREDITS</b>				<b>16.0</b>

**SEMESTER 8**

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
ED416	YES	EX	STUDENT TEACHING	8.0
ED416S			SEMINAR IN STUDENT TEACH.	1.0
xxx			FREE ELECTIVE	2.0
<b>SEMESTER CREDITS</b>				<b>11.0</b>

\*Offered in alternative years. May require schedule changes in semesters 7 and 8.