

MONMOUTH UNIVERSITY

Office of the Registrar

2019*2020 Sequence Chart

CE.EDS.BS.19

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

SEMESTER 1

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
EN101	YES		COLLEGE COMPOSITION 1	3.0
IT102	YES	TL	INFO. TECH. FOR SCIENTISTS	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.	4.0
SEMESTER CREDITS				17.0

SEMESTER 2

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
EN102	YES		COLLEGE COMPOSITION 2	3.0
CE112 & CE112L	YES	NS	GEN. ED. CHEM. II & LAB	4.0
xxx	YES	SS.SV	GEN*ED SOCIAL SCIENCE	3.0
MA126			CALC. WITH ANAL. GEOMETRY II	4.0
ED250			PHILOSOPHICAL & PSCYHOLOGICAL FOUND. OF ED.	3.0
SEMESTER CREDITS				17.0

SEMESTER 3

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
EDS330	YES	WT	FOUND. OF SPEC. EDUCATION DEVELOP. ACROSS LIFESPAN	3.0
ED320	YES	WT&RD	TEACH. STUD. WITH DIV. NEEDS	3.0
PH211 & PH211L			GEN. PHYS. WITH CALC. I & LAB	5.0
CE241 & CE241L			ORGANIC CHEMISTRY I & LAB	5.0
SEMESTER CREDITS				16.0

SEMESTER 4

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
EDS336			CLASSROOM MANAGEMENT	3.0
CE221 & CE221L			ANALYTICAL CHEMISTRY I & LAB	4.0
PH212 & PH212L			GEN. PHYS. WITH CALC. II & LAB	5.0
CE242 & CE242L			ORGANIC CHEMISTRY II & LAB	5.0
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.

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SEMESTER 5

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
AR,DA,MU, or TH	YES	AT	GEN*ED AESTHETICS	3.0
xxx	YES	CD	GEN*ED CULTURAL DIVERSITY	3.0
HSxxx	YES	HS.SV	GEN*ED HISTORICAL PERSP.	3.0
ENxxx	YES	LIT	GEN*ED LITERATURE	3.0
CE341/ CE341L	YES	WT	PHYSICAL CHEMISTRY I & LAB	4.0
CE311			CHEMICAL LITERATURE	1.0
SEMESTER CREDITS				17.0

SEMESTER 6

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
xxx	YES	GU	GEN*ED GLOBAL UNDERSTAND.	3.0
ED319	YES	WT/EX	CONTENT LITERACY	3.0
CE410			SEMINAR	1.0
xxx			FREE ELECTIVE	3.0
xxx	YES	HS.SV or SS.SV	GEN*ED HIST. PERSPEC. Or SOCIAL SCIENCE	3.0
xxx	YES	ISP	GEN*ED INTERDIS. STUDIES	3.0
SEMESTER CREDITS				16.0

SEMESTER 7

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
xxx			FREE ELECTIVE	3.0
ED369			METHODS OF TEACH. SEC. SCI. I	3.0
ED370			METHODS OF TEACH. SEC. SCI. II	3.0
CE322 CE322L	YES	WT	ANALYTICAL CHEMISTRY II & LAB	5.0
CE4xx			CHEMISTRY ELECTIVE	3.0
SEMESTER CREDITS				17.0

SEMESTER 8

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
ED416	YES	EX	CLINICAL PRACTICE	8.0
ED416S			CLINICAL PRACTICE SEMINAR	1.0
xxx			FREE ELECTIVE	2.0
SEMESTER CREDITS				11.0