

MONMOUTH UNIVERSITY

Office of the Registrar

2019*2020 Sequence Chart

CP.EDS.BS.19

**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
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. (GEN*ED MATH)	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
xxx	YES	SS.SV	GEN*ED SOCIAL SCIENCE	3.0
CE112 & CE112L	YES	NS	GEN. ED. CHEM. II & LAB	4.0
MA126			CALC. WITH ANAL. GEOMETRY II	4.0
ED250			PHILOSOPHICAL & PSYCHOLOGICAL 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 SPECIAL ED. DEVELOP. ACROSS LIFESPAN	3.0
ED320	YES	RD&WT	TEACH. STUD. WITH DIV. NEEDS	3.0
CE241 & CE241L			ORGANIC CHEMISTRY I & LAB	5.0
PH211 & PH211L			GEN. PHYS. WITH CALC. I & LAB	5.0
SEMESTER CREDITS				16.0

SEMESTER 4

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

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SEMESTER 5

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
AR,DA,MU TH	YES	AT	GEN*ED AESTHETICS	3.0
CE341 & CE341L	YES	WT	PHYSICAL CHEMISTRY I & LAB	4.0
HSxxx	YES	HS.SV	GEN*ED HISTORICAL PERSP.	3.0
xxx	YES	GU	GEN*ED GLOBAL UNDERSTAND.	3.0
PH301			MODERN PHYSICS*	3.0
CE311			CHEMICAL LITERATURE	1.0
SEMESTER CREDITS				17.0

SEMESTER 6

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
PH302			THEORETICAL PHYSICS*	3.0
CE4xx			CHEMISTRY 400-LEVEL ELECTIVE	3.0
CE410			SEMINAR	1.0
ENxxx	YES	LIT	GEN*ED LITERATURE	3.0
ED319	YES	WT/EX	CONTENT LITERACY	3.0
xxx	YES	CD	GEN*ED CULTURAL DIVERSITY	3.0
SEMESTER CREDITS				16.0

SEMESTER 7

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
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
xxx	YES	HS.SV or SS.SV	GEN*ED HISTORICAL PERSPEC./SOCIAL SCI.	3.0
xxx	YES	ISP	GEN*ED INTERDIS. STUDIES	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

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