MONMOUTH UNIVERSITY

Office of the Registrar

2016*2017 Sequence Chart

MA.EDS.BS.16	B.S. IN MATHEMATICS 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
FY101	YES		FIRST YEAR SEMINAR	3.0
MA120	YES		INTRO. TO MATH REASONING	4.0
xxx	YES	SS.SV	GEN*ED SOCIAL SCIENCE	3.0
MA125	YES		CALC. WITH ANAL. GEOM.	4.0
			GATEWAY EXAM I	0.0
SEMESTER CREDITS				17.0

SEMESTER 2

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
EN102	YES		COLLEGE COMPOSITION 2	3.0
EDL201			EDUCATIONAL PSYCHOLOGY	3.0
AR,MU,DA or TH101	YES	AT	GEN*ED AESTHETICS	3.0
xxx	YES	HS.SV or SS.SV	GEN*ED HIST. PERSPEC. or SOCIAL SCIENCE	3.0
MA126			CALC. WITH ANAL. GEOMETRY II	4.0
			GATEWAY EXAM II	0.0
SEMESTER CREDITS				16.0

SEMESTER 3

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
EDL206			CHILD & ADOLESCENT DEVELOP.	3.0
ED250			FOUND OF TEACH. & LEARN.	3.0
CE111/111L PH211/211L or BY109	YES	NS	SEE CURRICULUM CHART OR DEGREE AUDIT	4.0-5.0
MA237	YES	TL	PROG./TECH. IN MATHEMATICS	4.0
MA221			LINEAR ALGEBRA	3.0
SEMESTER CREDITS				17.0-18.0

SEMESTER 4

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
ED320	YES	RD&WT	TEACH. STUD. WITH DIV. NEEDS	3.0
ED319	YES	WT	CONTENT LITERACY	3.0
CE112/112L PH212/212L or BY110	YES	NS	SEE CURRICULUM CHART OR DEGREE AUDIT	4.0-5.0
MA225			CALCULUS III	4.0
MA220			PROBABILITY & STATS I	3.0
SEMESTER CREDITS				17.0-18.0

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.
xxx	YES	GU	GEN*ED GLOBAL UNDERSTAND.	3.0
xxx	YES	CD	GEN*ED CULTURAL DIVERSITY	3.0
HSxxx	YES	HS.SV	GEN*ED HISTORICAL PERSP.	3.0
MA314	YES	RD	NUMBER THEORY	3.0
MAxxx			MATH ELECTIVE	3.0
xxx			FREE ELECTIVES	2.0
SEMESTER CREDITS				17.0

SEMESTER 6

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
ED365 or ED375 (TERM A)			METHODS OF TEACH. SEC. MATH I	3.0
ENxxx	YES	LIT	GEN*ED LITERATURE	3.0
MA410			MODERN ALGEBRA	3.0
xxx			FREE ELECTIVE	3.0
MA317			GEOMETRY	3.0
xxx			FREE ELECTIVE	3.0
SEMESTER CREDITS				18.0

SEMESTER 7

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
xxx	YES	ISP	GEN*ED INTERDIS. STUDIES	3.0
MAxxx			MATH ELECTIVE	3.0
MA415	YES	WT	REAL ANALYSIS	3.0
ED366 or ED376 (TERM B)			METHODS OF TEACH. SEC. MATH II	3.0
xxx			FREE ELECTIVE	2.0-3.0
SEMESTER CREDITS				14.0-15.0

SEMESTER 8

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
MA325	YES	WT	HISTORY OF MATH	3.0
ED416	YES	EX	STUDENT TEACHING	8.0
ED416S			SEMINAR IN STUDENT TEACH.	1.0
SEMESTER CREDITS				12.0-13.0