MONMOUTH UNIVERSITY

Office of the Registrar

2016*2017 Sequence Chart

MA.EDE.BS.16	B.S. IN MATHEMATICS AND EDUCATION WITH AN ENDORSEMENT IN ELEMENTARY 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			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 TH	YES	AT	GEN*ED AESTHETICS	3.0
xxx	YES	HS.SV or SS.SV	GEN*ED HISTORICAL 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
			GATEWAY EXAM III	0.0
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
EDL326			LIT. IN K-6 EDUC. SETTINGS	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 II	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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2015*2016 Sequence Chart

MA15EDE14GE15	B.S. IN MATHEMATICS AND EDUCATION WITH AN ENDORSEMENT IN ELEMENTARY EDUCATION

SEMESTER 5

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
EDL327	YES	WT	LIT. INST. K-6, ED. SETT. I	3.0
ED361			METHODS OF TEACH. ELEM. SCI.	3.0
HSxxx	YES	HS.SV	GEN*ED HISTORICAL PERSP.	3.0
MA314	YES	RD	NUMBER THEORY	3.0
MAxxx			MATH FREE ELECTIVE	3.0
xxx			FREE ELECTIVES	2.0-3.0
SEMESTER CREDITS				**17.0-18.0**

SEMESTER 6

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
ED362			METHODS OF TEACH. SOC. STUD.	3.0
ED360			METH. OF TEACH. ELEM. MATH	3.0
MA410			MODERN ALGEBRA	3.0
MA317			GEOMETRY	3.0
ENxxx	YES	LIT	GEN*ED LITERATURE	3.0
SEMESTER CREDITS				**15.0**

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
xxx	YES	CD	GEN*ED CULTURAL DIVERSITY	3.0
xxx	YES	GU	GEN*ED GLOBAL UNDERSTAND.	3.0
xxx			FREE ELECTIVE	1.0
SEMESTER CREDITS				**16.0**

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**