MONMOUTH UNIVERSITY

Office of Registration and Records

2010 * 2011 Sequence Chart

MA07EDS09GE10	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 (GEN*ED MATHEMATICS)	4.0
PY103	YES	SS.SV	INTRO. TO PSYCHOLOGY (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
ED201			EDUCATIONAL PSYCHOLOGY	3.0
AR,MU,DA or TH	YES		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			SEE CURRICULUM CHART OR DEGREE AUDIT (GEN*ED NATURAL SCIENCE)	4.0-5.0
MA225			CALCULUS III	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 (GEN*ED RD AND WRIT. INT.)	3.0
ED319/ ED319N	YES	WT	CONTENT LITERACY NCATE ASSESSMENT (GEN*ED WRITING INTENSIVE)	3.0
CE112/112L PH212/212L or BY110			SEE CURRICULUM CHART OR DEGREE AUDIT (GEN*ED NATURAL SCIENCE)	4.0-5.0
MA237	YES	TL	PROG./TECH. IN MATHEMATICS	4.0
MA211			DIFFERENTIAL EQUATIONS	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.
ED365 or ED375 (TERM A)			SEE CURRICULUM CHART or DEGREE AUDIT	3.0
ED366 or ED376 (TERM B)			SEE CURRICULUM CHART or DEGREE AUDIT	3.0
HSxxx	YES	HS.SV	GEN*ED HISTORICAL PERSP.	3.0
MA314	YES	WT	NUMBER THEORY (GEN*ED WRITING INTENSIVE)	3.0
MA319			PROBABILITY & STATS.	3.0
xxx			FREE ELECTIVES	2.0
SEMESTER CREDITS				**17.0**

SEMESTER 6

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
xxx	YES	CD	GEN*ED CULTURAL DIVERSITY	3.0
ENxxx	YES	LIT	GEN*ED LITERATURE	3.0
MA410			MODERN ALGEBRA	3.0
PRAXIS			ED-PRAXIS PRAXIS - 10061	3.0
MA320			PROBABILITY & STATISTICS II	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
MA317			GEOMETRY	3.0
MA415	YES	WT	REAL ANALYSIS (GEN*ED WRITING INTENSIVE)	3.0
xxx	YES	GU	GEN*ED GLOBAL UNDERSTAND.	3.0
xxx			FREE ELECTIVES	3.0 - 4.0
SEMESTER CREDITS				**15.0 - 16.0**

SEMESTER 8

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
MAxxx			400 LEVEL MATH ELECTIVE	3.0
ED416 or ED417	YES	EX	STUDENT TEACHING or SUPERVISED TEACHING (GEN*ED EXP. ED.)	8.0
ED416S or ED417S			SEMINAR IN STUDENT TEACH. or SEMINAR IN SUPERVISED TEACH.	1.0
SEMESTER CREDITS				**12.0**