

MONMOUTH UNIVERSITY

Office of Registration and Records

2012*2013 Sequence Chart

MA07.GE12

SEMESTER 1

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
EN101	YES		COLLEGE COMPOSITION 1	3.0
HSxxx	YES	HS.SV	GEN*ED HISTORICAL PERSP.	3.0
MA120	YES		INTRO. TO MATH. REASONING	4.0
MA125			CALCULUS WITH ANALYTICAL GEOMETRY I	4.0
FY101	YES		FIRST YEAR SEMINAR	3.0
			GATEWAY EXAM I	0.0
SEMESTER CREDITS				17.0

SEMESTER 3

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
MA225			CALCULUS WITH ANALYTIC GEOMETRY III	4.0
CE111& CE111L or PH211 & PH211L or BY109			SEE DEGREE AUDIT OR CURRICULUM CHART (GEN*ED NATURAL SCIENCE)	4.0-5.0
MA221			LINEAR ALGEBRA	3.0
ENxxx	YES	LIT	GEN*ED LITERATURE	3.0
xxx			FREE ELECTIVE	2.0-3.0
			GATEWAY EXAM III	0.0
SEMESTER CREDITS				17.0

B.S. IN MATHEMATICS

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
MA126			CALCULUS W/ANAL. GEOMETRY II	4.0
AR,MU DA or TH	YES		GEN*ED AESTHETICS	3.0
xxx			FREE ELECTIVE	3.0
			GATEWAY EXAM II	0.0
SEMESTER CREDITS				16.0

SEMESTER 4

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
MA237	YES	TL	PROG./TECH. IN MATHEMATICS (GEN*ED TECHNOLOGICAL LIT.)	4.0
CE112& CE112L or PH212& PH212L or BY110			SEE DEGREE AUDIT OR CURRICULUM CHART (GEN*ED NATURAL SCIENCE)	4.0-5.0
MA211			DIFFENTIAL EQUATIONS	3.0
HS.SV or SS.SV	YES		GEN*ED HISTORICAL PERSP. Or SOCIAL SCIENCE	3.0
xxx			FREE ELECTIVE	2.0-3.0
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.
MA314	YES	RD & WT	NUMBER THEORY (GEN*ED REAS. ORAL DISCOURSE WRITING INTENSIVE)	3.0
MA319			PROBABILITY & STATISTICS I	3.0
xxx	YES	CD	GEN*ED CULTURAL DIVERSITY	3.0
xxx			FREE ELECTIVE	3.0
xxx			FREE ELECTIVE	3.0
SEMESTER CREDITS				15.0

SEMESTER 7

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
MA415	YES	WT	REAL ANALYSIS (GEN*ED WRITING INTENSIVE)	3.0
MAxxx	YES	EX	MATH ELECTIVE (GEN*ED EXP. EDUCATION)	3.0
xxx			FREE ELECTIVES	3.0
xxx			FREE ELECTIVES	3.0
xxx			FREE ELCTIVES	3.0
SEMESTER CREDITS				15.0

B.S. IN MATHEMATICS

SEMESTER 6

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
MA410			MODERN ALGEBRA	3.0
MA320			PROBABILITY & STATISTICS II	3.0
xxx	YES	GU	GEN*ED GLOBAL UNDERSTANDING	3.0
xxx			FREE ELECTIVE	3.0
xxx			FREE ELECTIVES	3.0
SEMESTER CREDITS				15.0

SEMESTER 8

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
MAxxx			MATH ELECTIVE	3.0
xxx			FREE ELECTIVES	3.0
xxx	YES	ISP	GEN*ED INTERDISC. PERSPECT.	3.0
xxx			FREE ELECTIVES	3.0
xxx			FREE ELECTIVES	4.0
SEMESTER CREDITS				16.0