

**MONMOUTH UNIVERSITY**

Office of the Registrar

2014\*2015 Sequence Chart

**MA07.STATS12.GE14**

**SEMESTER 1**

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
EN101	YES		COLLEGE COMPOSITION 1	3.0
MA125	YES		CALCULUS I	4.0
xxx			FREE ELECTIVES	3.0
HS*xxx	YES	HS.SV	GEN*ED HISTORICAL PERSPECTIVES	3.0
FY101	YES		FIRST YEAR SEMINAR	3.0
<b>SEMESTER CREDITS</b>				<b>16.0</b>

**BS IN MATHEMATICS WITH A CONCENTRATION IN STATISTICS**

**SEMESTER 2**

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
EN102	YES		COLLEGE COMPOSITION 2	3.0
MA120			INTRO. MATH. REASONING	4.0
MA126			CALCULUS II	4.0
AR, MU, DA or TH	YES		GEN*ED AESTHETICS	3.0
xxx	YES	SS.SV	GEN*ED SOCIAL SCIENCE	3.0
<b>SEMESTER CREDITS</b>				<b>17.0</b>

**SEMESTER 3**

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
MA319			PROBABILITY STATISTICS I	3.0
MA225			CALCULUS III	4.0
LAB SCIENCE	YES		SEE CURRICULUM CHART FOR CHOICES	4.0-5.0
xxx	YES	TL	GEN*ED TECH. LITERACY	3.0
xxx			FREE ELECTIVE	2.0-3.0
<b>SEMESTER CREDITS</b>				<b>16.0-18.0</b>

**SEMESTER 4**

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
MA320			PROBABILITY STATISTICS II	3.0
MA221			LINEAR ALGEBRA	3.0
LAB SCIENCE	YES		SEE CURRICULUM CHART FOR CHOICES	4.0-5.0
xxx	YES	HS.SV or SS.SV	GEN*ED HIST. PERSPECTIVE or SOCIAL SCIENCE SURVEY	3.0
xxx			FREE ELECTIVE	2.0-3.0
<b>SEMESTER CREDITS</b>				<b>15.0-17.0</b>

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.
MA421			APPLIED MULTIV. REGRESSION	3.0
MA211			DIFFERENTIAL EQUATIONS	3.0
xxx	YES	CD	GEN*ED CULTURAL DIVERSITY	3.0
ENxxx	YES	LIT	GEN*ED LITERATURE	3.0
xxx			FREE ELECTIVE	4.0
<b>SEMESTER CREDITS</b>				<b>16.0</b>

**SEMESTER 6**

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
MA440			APPLIED TIME SERIES ANALYSIS	3.0
MA314 or MA317			NUMBER THEORY OR GEOMETRY	3.0
xxx	YES	GU	GEN*ED GLOBAL UNDERSTAND.	3.0
xxx			FREE ELECTIVE	3.0
xxx			FREE ELECTIVE	3.0
<b>SEMESTER CREDITS</b>				<b>15.0</b>

**SEMESTER 7**

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
MA450			COMPUTATION AND STATS.	3.0
MA415			REAL ANALYSIS	3.0
xxx			FREE ELECTIVE	3.0
xxx			FREE ELECTIVE	3.0
xxx			FREE ELECTIVE	4.0
<b>SEMESTER CREDITS</b>				<b>16.0</b>

**SEMESTER 8**

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
MA460			MULTIVARIATE STATS.	3.0
MA419			MATHEMATICAL MODELING	3.0
xxx	YES	ISP	GEN*ED INTERDISCIPLINARY PERSPECTIVES	3.0
xxx			FREE ELECTIVES	3.0
xxx			FREE ELECTIVES	3.0
<b>SEMESTER CREDITS</b>				<b>15.0</b>