

# MONMOUTH UNIVERSITY

Office of the Registrar

## 2014\*2015 Sequence Chart

B.S. IN MATHEMATICS AND EDUCATION WITH AN ENDORSEMENT IN ELEMENTARY EDUCATION  
AND M.S.Ed. WITH ENDORSEMENT IN TEACHER OF STUDENTS WITH DISABILITIES (TSD)

### 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
<b>SEMESTER CREDITS</b>				<b>17.0</b>

### 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		GEN*ED AESTHETICS	3.0
xxx	YES	HS.SV or SS.SV	SEE CURRICULUM CHART	3.0
MA126			CALC. WITH ANAL. GEOMETRY II	4.0
xxx			FREE ELECTIVE	1.0-2.0
			GATEWAY EXAM II	0.0
<b>SEMESTER CREDITS</b>				<b>17.0-18.0</b>

### 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	4.0-5.0
MA225			CALCULUS III	4.0
MA221			LINEAR ALGEBRA	3.0
			GATEWAY EXAM III	0.0
<b>SEMESTER CREDITS</b>				<b>17.0-18.0</b>

### 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
EDL326			LIT. IN EDUC. SETTINGS, K-6	3.0
CE112/112L, PH212/212L or BY110			SEE CURRICULUM CHART OR DEGREE AUDIT	4.0-5.0
MA237	YES	TL	PROG./TECH. IN MATHEMATICS	4.0
MA211			DIFFERENTIAL EQUATIONS	3.0
<b>SEMESTER CREDITS</b>				<b>17.0-18.0</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.
EDL327	YES	WT	LIT. INST. K-6, ED. SETT. I	3.0
ED361			METHODS OF TEACH. SCIENCE	3.0
xxx			FREE ELECTIVES	4.0 - 5.0
MA314	YES	WT	NUMBER THEORY	3.0
MA319			PROBABILITY & STATS.	3.0
<b>SEMESTER CREDITS</b>				<b>16.0-17.0</b>

**SEMESTER 6**

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
ED362			METHODS OF TEACH. SOC. SCI.	3.0
ED360			METH. OF TEACH. ELEM. MATH	3.0
MA410			MODERN ALGEBRA	3.0
MA320			PROBABILITY & STATISTICS II	3.0
ENxxx	YES	LIT	GEN*ED LITERATURE	3.0
HSxxx	YES	HS.SV	GEN*ED HISTORICAL PERSP.	3.0
<b>SEMESTER CREDITS</b>				<b>18.0</b>

**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	CD	GEN*ED CULTURAL DIVERSITY	3.0
xxx	YES	GU	GEN*ED GLOBAL UNDERSTAND.	3.0
EDL515			ADVANCED LITERACY INSTRUC.	3.0
<b>SEMESTER CREDITS</b>				<b>18.0</b>

**SEMESTER 8**

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
ED416	YES	EX	STUDENT TEACHING	8.0
ED416S			SEMINAR IN STUDENT TEACHING	1.0
EDS537			COLL. WITH FAM., STUD., & PROF. IN COMM. & EDUC. SETT.	3.0
<b>SEMESTER CREDITS</b>				<b>12.0</b>

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**SUMMER YEAR 4**

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
EDS500			INT. APPROACH TO FOUND. OF SPECIAL EDUCATION	3.0
EDS530			RESEARCH ISSUES & TRENDS IN SPECIAL EDUCATION	3.0
<b>SEMESTER CREDITS</b>				<b>6.0</b>

*Note: Students will have already taken two graduate courses in semester 7 and 8.*

**SEMESTER 9**

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
EDS572			ASSESS. STRATEGIES & APPL. IN CLASSROOM	3.0
EDS534			ACASS MGMT. IN INCLUSIVE SETTINGS	3.0
EDS535			TECHNOLOGY AND STUDENTS WITH DISABILITIES	3.0
<b>SEMESTER CREDITS</b>				<b>9.0</b>

**SEMESTER 10**

COURSE CODE	GEN*ED REQ'MT	COURSE* TYPE	TITLE	CRS.
EDxxx			EDUCATION ELECTIVE IN SPEC. ED OR LITERACY	3.0
EDS522			ACCOMMODATING LEARNERS WITH SPEC. NEEDS IN INC. SETT.	3.0
EDS552			METHODS OF TEACH. STUD. WITH DISABILITIES	3.0
<b>SEMESTER CREDITS</b>				<b>9.0</b>

**TOTAL CREDITS FOR BACCALAUREATE DEGREE = 128**

**TOTAL CREDITS FOR MASTER'S DEGREE = 30**

**TOTAL CREDITIS FOR FIVE YEAR PLAN = 158**