

MONMOUTH UNIVERSITY

Office of Registration and Records

2012*2013 Sequence Chart

MA07EDS11GE12

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 |
| EDL201 | | | EDUCATIONAL PSYCHOLOGY | 3.0 |
| AR,MU,DA or TH101 | YES | | GEN*ED AESTHETICS | 3.0 |
| xxx | YES | HS.SV or SS.SV | GEN*ED HIST. 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 | 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 | 3.0 |
| ED319/ ED319N | YES | WT | CONTENT LITERACY NCATE ASSESSMENT | 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 |
| | | | | |
| 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 | 3.0 |
| MA319 | | | PROBABILITY & STATS. | 3.0 |
| xxx | | | FREE ELECTIVES | 2.0 |
| SEMESTER CREDITS | | | | 17.0 |

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 | 3.0 |
| xxx | YES | GU | GEN*ED GLOBAL UNDERSTAND. | 3.0 |
| xxx | | | FREE ELECTIVE | 2.0-3.0 |
| SEMESTER CREDITS | | | | 14.0-15.0 |

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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 |
| MAxxx | | | MATH ELECTIVE SEE CURR. CHART | 3.0 |
| MA320 | | | PROBABILITY & STATISTICS II | 3.0 |
| xxx | | | FREE ELECTIVE | 3.0 |
| SEMESTER CREDITS | | | | 18.0 |

SEMESTER 8

| COURSE CODE | GEN*ED REQ'MT | COURSE* TYPE | TITLE | CRS. |
|-------------------------|---------------|--------------|---|------------------|
| xxx | | | FREE ELECTIVES | 3.0-4.0 |
| ED416 or ED417 | YES | EX | STUDENT TEACHING or SUPERVISED TEACHING | 8.0 |
| ED416S or ED417S | | | SEMINAR IN STUDENT TEACH. or SEMINAR IN SUPERVISED TEACH. | 1.0 |
| | | | | |
| SEMESTER CREDITS | | | | 12.0-13.0 |