

# MONMOUTH UNIVERSITY

Office of Registration and Records

## 2012\*2013 Sequence Chart

### BY12EDE11GE12

#### SEMESTER 1

| COURSE CODE             | GEN*ED REQ'MT | COURSE* TYPE | TITLE  | CRS.        |
|-------------------------|---------------|--------------|--|-------------|
| PY103                   | YES           | SS.SV        | INTRO. TO PSYCHOLOGY<br>(GEN*ED SOCIAL SCIENCE)    | 3.0         |
| MA115 or 116 or 117     | YES           |              | SEE CURRICULUM CHART FOR TITLES                    | 3.0         |
| CE111/<br>CE111L        | YES           |              | GEN. CHEMISTRY I & LAB<br>(GEN*ED NATURAL SCIENCE) | 4.0         |
| FY101                   | YES           |              | FIRST YEAR SEMINAR                                 | 3.0         |
| BY110                   | YES           |              | INTRO. TO BIO. CELL MOLEC.                         | 4.0         |
| <b>SEMESTER CREDITS</b> |               |              |  | <b>17.0</b> |

#### SEMESTER 3

| COURSE CODE             | GEN*ED REQ'MT | COURSE* TYPE | TITLE                                | CRS.        |
|-------------------------|---------------|--------------|--------------------------------------|-------------|
| EN101                   | YES           |              | COLLEGE COMPOSITION 1                | 3.0         |
| ED250                   |               |              | FOUND OF TEACH. & LEARN.             | 3.0         |
| CE241/<br>CE241L        |               |              | SEE CURRICULUM CHART OR DEGREE AUDIT | 5.0         |
| BY205                   |               |              | ZOOLOGY                              | 3.0         |
| BY223                   |               |              | GENERAL MICROBIOLOGY                 | 4.0         |
| <b>SEMESTER CREDITS</b> |               |              |                                      | <b>18.0</b> |

### B.S. IN BIOLOGY AND EDUCATION WITH AN ENDORSEMENT IN ELEMENTARY EDUCATION

#### SEMESTER 2

| COURSE CODE             | GEN*ED REQ'MT | COURSE* TYPE      | TITLE  | CRS.        |
|-------------------------|---------------|-------------------|--|-------------|
| xxx                     | YES           | HS.SV or<br>SS.SV | GEN*ED HISTORICAL PERSP. Or<br>SOCIAL SCIENCE          | 3.0         |
| EDL201                  |               |                   | EDUCATIONAL PSYCHOLOGY                                 | 3.0         |
| CE112/<br>CE112L        | YES           |                   | GEN. CHEMISTRY II & LAB<br>(GEN*ED NATURAL SCIENCE)    | 4.0         |
| BY109                   | YES           |                   | INTRO. BIODIVERSITY EVOLU.<br>(GEN*ED NATURAL SCIENCE) | 4.0         |
| IT102                   | YES           | TL                | INFO. TECH. FOR SCIENTISTS                             | 3.0         |
| <b>SEMESTER CREDITS</b> |               |                   |  | <b>17.0</b> |

#### SEMESTER 4

| COURSE CODE             | GEN*ED REQ'MT | COURSE* TYPE | TITLE  | CRS.        |
|-------------------------|---------------|--------------|--|-------------|
| ED320                   | YES           | RD&WT        | TEACH. STUD. WITH DIV. NEEDS<br>(GEN*ED RD AND WRIT. INT.) | 3.0         |
| EN102                   | YES           |              | COLLEGE COMPOSITION 2                                      | 3.0         |
| BY213 or<br>BY214       |               |              | SEE CURRICULUM CHART or<br>DEGREE AUDIT                    | 3.0         |
| CE242                   |               |              | ORGANIC CHEMISTRY II                                       | 3.0         |
| EDL326                  |               |              | LIT. IN EDUC. SETTINGS                                     | 3.0         |
| EDL206                  |               |              | CHILD & ADOLESCENT DEVELOP.                                | 3.0         |
| <b>SEMESTER CREDITS</b> |               |              |  | <b>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.        |
|-------------------------|---------------|--------------|------------------------------------|-------------|
| BY310                   |               |              | BIOCHEMISTRY & LABORATORY          | 4.0         |
| PH105/PH105L            |               |              | PHYSICS FOR LIFE SCI. I & LAB      | 4.0         |
| ED362/ED362N            |               |              | TEACH. ELEM. SOC. STUDIES          | 3.0         |
| EDL327/EDL327N          | YES           | WT           | LIT. INSTR. K-5, EDUC. SETT., II   | 3.0         |
| BYxxx                   |               |              | BIOLOGY ELECTIVE (SEE CURR. CHART) | 3.0         |
| <b>SEMESTER CREDITS</b> |               |              |                                    | <b>17.0</b> |

#### SEMESTER 7

| COURSE CODE             | GEN*ED REQ'MT | COURSE* TYPE | TITLE                              | CRS.        |
|-------------------------|---------------|--------------|------------------------------------|-------------|
| xxx                     | YES           | CD           | GEN*ED CULTURAL DIVERSITY          | 3.0         |
| HSxxx                   | YES           | HS.SV        | GEN*ED HISTORICAL PERSPEC.         | 3.0         |
| xxx                     | YES           | GU           | GEN*ED GLOBAL UNDERSTAND.          | 3.0         |
| BYxxx                   |               |              | BIOLOGY ELECTIVE (SEE CURR. CHART) | 3.0         |
| BY423                   |               |              | GENETICS                           | 4.0         |
| <b>SEMESTER CREDITS</b> |               |              |                                    | <b>16.0</b> |

#### SEMESTER 9

| COURSE CODE             | GEN*ED REQ'MT | COURSE* TYPE | TITLE                          | CRS.        |
|-------------------------|---------------|--------------|--------------------------------|-------------|
| ED416 or ED417          | YES           | EX           | STUDENT or SUPERVISED TEACHING | 8.0         |
| ED416S or ED417S        |               |              | SEMINAR                        | 1.0         |
| xxx                     | YES           | ISP          | GEN*ED INTERDISCIP. PERSPEC.   | 3.0         |
| <b>SEMESTER CREDITS</b> |               |              |                                | <b>12.0</b> |

### B.S. IN BIOLOGY AND EDUCATION WITH AN ENDORSEMENT IN ELEMENTARY EDUCATION

#### SEMESTER 6

| COURSE CODE             | GEN*ED REQ'MT | COURSE* TYPE | TITLE                          | CRS.        |
|-------------------------|---------------|--------------|--------------------------------|-------------|
| ED360/ED360N            |               |              | TEACH. ELEM. MATH              | 3.0         |
| PH106/PH106L            |               |              | PHYSICS FOR LIFE SCI. II & LAB | 4.0         |
| BY370                   |               |              | CELL BIOLOGY                   | 3.0         |
| MA151                   | YES           |              | STATISTICS                     | 3.0         |
| ED361/ED361N            |               |              | TEACH. ELEM. SCIENCE           | 3.0         |
| <b>SEMESTER CREDITS</b> |               |              |                                | <b>16.0</b> |

#### SEMESTER 8

| COURSE CODE             | GEN*ED REQ'MT | COURSE* TYPE | TITLE                              | CRS.        |
|-------------------------|---------------|--------------|------------------------------------|-------------|
| ENxxx                   | YES           | LIT          | GEN*ED LITERATURE                  | 3.0         |
| BY495                   | YES           | RD           | SENIOR SEMINAR                     | 1.0         |
| BY425                   |               |              | PRINCIPLES OF DEVELOP. BIO.        | 4.0         |
| BYxxx                   |               |              | BIOLOGY ELECTIVE (SEE CURR. CHART) | 2.0         |
| AR,MU,DA or TH          |               |              | GEN*ED AESTHETICS                  | 3.0         |
| BY375L                  | YES           | RD           | MOLECULAR & CELL BIO. LAB          | 3.0         |
| <b>SEMESTER CREDITS</b> |               |              |                                    | <b>16.0</b> |