

**MONMOUTH UNIVERSITY**

Office of the Registrar

2019\*2019 Sequence Chart

**BY.MEBP.BS.19**

**B.S. IN MARINE AND ENVIRONMENTAL BIOLOGY AND POLICY**

**SEMESTER 1**

| COURSE CODE             | GEN*ED REQ'MT | COURSE* TYPE | TITLE                                   | CRS.        |
|-------------------------|---------------|--------------|---|-------------|
| EN101                   | YES           |              | COLLEGE COMPOSITION 1                   | 3.0         |
| BY109                   |               |              | INTRO. TO BIODIVERSITY & EVOLUTION      | 4.0         |
| CE111/<br>CE111L        | YES           | NS           | GEN. CHEMISTRY I & LAB                  | 4.0         |
| FY101                   | YES           |              | FIRST YEAR SEMINAR                      | 3.0         |
| MA115/116<br>OR MA125   | YES           |              | SEE CURRICULUM CHART<br>OR DEGREE AUDIT | 3.0         |
| <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         |
| BY110                   |               |              | INTRO TO CELL & MOLECULAR BIOLOGY | 4.0         |
| CE112/<br>CE112L        | YES           | NS           | GEN. CHEMISTRY II & LAB           | 4.0         |
| IT102                   | YES           | TL           | INFO. TECH. FOR SCIENTISTS        | 3.0         |
| AR,MU,TH<br>or DA       | YES           | AT           | GEN*ED AESTHETICS                 | 3.0         |
| <b>SEMESTER CREDITS</b> |               |              |                                   | <b>17.0</b> |

**SEMESTER 3**

| COURSE CODE             | GEN*ED REQ'MT | COURSE* TYPE | TITLE                     | CRS.        |
|-------------------------|---------------|--------------|---------------------------|-------------|
| BY214 or<br>BY205       |               |              | BOTANY or ZOOLOGY         | 3.0         |
| HSxxx                   | YES           | HS.SV        | GEN*ED HISTORICAL PERSP.  | 3.0         |
| CE241/241L              |               |              | ORGANIC CHEM. I & LAB     | 5.0         |
| BYxxx                   |               |              | MEBP ELECTIVE             | 3.0         |
| BY220                   |               |              | ENVIRON. BIOLOGY & POLICY | 3.0         |
| <b>SEMESTER CREDITS</b> |               |              |                           | <b>17.0</b> |

**SEMESTER 4**

| COURSE CODE             | GEN*ED REQ'MT | COURSE* TYPE      | TITLE   | CRS.        |
|-------------------------|---------------|-------------------|---|-------------|
| BY205 or<br>BY214       |               |                   | ZOOLOGY or BOTANY                                     | 3.0         |
| BYxxx                   |               | MEBP              | MEBP ELECTIVE   | 3.0         |
| BY216                   |               |                   | GENETICS  | 4.0         |
| MA151                   |               |                   | STATISTICS WITH APPLICATIONS                          | 3.0         |
| xxx                     | YES           | HS.SV or<br>SS.SV | GEN*ED HIST. PERSPECTIVES or<br>SOCIAL SCIENCE SURVEY | 3.0         |
| <b>SEMESTER CREDITS</b> |               |                   |   | <b>16.0</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.        |
|-------------------------|---------------|--------------|----------------------------------|-------------|
| BY 341                  |               |              | MARINE BIOLOGY                   | 4.0         |
| PH105/<br>PH105L        |               |              | PHYSICS FOR LIFE SCI. I &<br>LAB | 4.0         |
| xxx                     | YES           | GU           | GEN*ED GLOBAL UNDERSTAND.        | 3.0         |
| xxx                     | YES           | CD           | GEN*ED CULTURAL DIVERSITY        | 3.0         |
| xxx                     |               |              | FREE ELECTIVE                    | 3.0         |
| <b>SEMESTER CREDITS</b> |               |              |                                  | <b>17.0</b> |

**SEMESTER 6**

| COURSE CODE             | GEN*ED REQ'MT | COURSE* TYPE | TITLE                                 | CRS.        |
|-------------------------|---------------|--------------|---------------------------------------|-------------|
| PH106/106L              |               |              | PHYSICS FOR LIFE SCIENCES II &<br>LAB | 4.0         |
| BY342                   | YES           | WT           | COASTAL ZONE MGMT.                    | 3.0         |
| xxx                     |               |              | FREE ELECTIVE                         | 3.0         |
| BY395                   | YES           | RD &<br>MEBP | SEMINAR IN MEBP                       | 3.0         |
| BYxxx                   |               | MEBP         | MEBP ELECTIVE                         | 3.0         |
| <b>SEMESTER CREDITS</b> |               |              |                                       | <b>16.0</b> |

**SEMESTER 7**

| COURSE CODE             | GEN*ED REQ'MT | COURSE* TYPE | TITLE              | CRS.             |
|-------------------------|---------------|--------------|--------------------|------------------|
| BY440                   | YES           | WT<br>MEBP   | ECOLOGY            | 4.0              |
| BYxxx                   |               | MEBP         | EX & MEBP ELECTIVE | 3.0              |
| Enxxx                   | YES           | LIT          | GEN*ED LITERATURE  | 3.0              |
| xxx                     |               |              | FREE ELECTIVE      | 3.0              |
| xxx                     | YES           | EX           | GEN*ED EXED        | 1.0-3.0          |
| <b>SEMESTER CREDITS</b> |               |              |                    | <b>14.0-16.0</b> |

**SEMESTER 8**

| COURSE CODE             | GEN*ED REQ'MT | COURSE* TYPE | TITLE                                    | CRS.        |
|-------------------------|---------------|--------------|--|-------------|
| BYxxx                   |               | MEBP         | MEBP ELECTIVE                            | 3.0         |
| xxx                     |               |              | FREE ELECTIVES                           | 2.0         |
| BY442                   | YES           | WT           | NAT. RES. CON. MGMT.                     | 3.0         |
| PRxxx                   | YES           | ISP          | GEN*ED INTERDISCIPLINARY<br>PERSPECTIVES | 3.0         |
| xxx                     | YES           | SS.SV        | GEN*ED SOC. SCIENCE SURVEY               | 3.0         |
| <b>SEMESTER CREDITS</b> |               |              |  | <b>14.0</b> |