

MONMOUTH UNIVERSITY

Office of the Registrar

2015*2016 Sequence Chart

CE14EDS14GE15

**B.S. IN CHEMISTRY 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 |
| xxx | YES | SS.SV | GEN*ED SOC SCI REQ | 3.0 |
| CE111 & CE111L | YES | NS | GENERAL CHEMISTRY & LAB | 4.0 |
| FY101 | YES | | FIRST YEAR SEMINAR (SELECT "CE" SECTION) | 3.0 |
| MA125 | YES | | CALC. WITH ANAL. GEOM. | 4.0 |
| 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 |
| CE112 & CE112L | YES | NS | GEN. ED. CHEM. II & LAB | 4.0 |
| IT102 | YES | TL | INFO. TECH. FOR SCIENTISTS | 3.0 |
| MA126 | | | CALC. WITH ANAL. GEOMETRY II | 4.0 |
| SEMESTER CREDITS | | | | 17.0 |

SEMESTER 3

| COURSE CODE | GEN*ED REQ'MT | COURSE* TYPE | TITLE | CRS. |
|-------------------------|------------------|-----------------|-------------------------------|-------------|
| AR,MU,DA or TH | YES | AT | GEN*ED AESTHETICS | 3.0 |
| ED250 | | | FOUND OF TEACH. & LEARN. | 3.0 |
| PH211 & PH211L | | | GEN. PHYS. WITH CALC. I & LAB | 5.0 |
| CE241 & CE242L | | | ORGANIC CHEMISTRY I & LAB | 5.0 |
| SEMESTER CREDITS | | | | 16.0 |

SEMESTER 4

| COURSE CODE | GEN*ED REQ'MT | COURSE* TYPE | TITLE | CRS. |
|-------------------------|------------------|-----------------|--------------------------------|-------------|
| EDL206 | | | CHILD AND ADOLES. DEVELOP. | 3.0 |
| CE221 & CE221L | | | QUANTITATIVE ANALYSIS & LAB | 5.0 |
| PH212 & PH212L | | | GEN. PHYS. WITH CALC. II & LAB | 5.0 |
| CE242 & CE242L | | | ORGANIC CHEMISTRY II & LAB | 5.0 |
| SEMESTER CREDITS | | | | 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. |
|-------------------------|------------------|-----------------|------------------------------|-------------|
| HSxxx | YES | HS.SV | GEN*ED HISTORICAL PERSPEC. | 3.0 |
| xxx | YES | CD | GEN*ED CULTURAL DIVERSITY | 3.0 |
| ED320 | YES | WT&RD | TEACH. STUD. WITH DIV. NEEDS | 3.0 |
| ED319 | YES | WT | CONTENT LITERACY | 3.0 |
| CE341/ CE341L | YES | WT | PHYSICAL CHEMISTRY I & LAB | 4.0 |
| SEMESTER CREDITS | | | | 16.0 |

SEMESTER 6

| COURSE CODE | GEN*ED REQ'MT | COURSE* TYPE | TITLE | CRS. |
|-------------------------|------------------|-------------------|--|-------------|
| xxx | YES | GU | GEN*ED GLOBAL UNDERSTAND. | 3.0 |
| ENxxx | YES | LIT | GEN*ED LITERATURE | 3.0 |
| CE311 | | | CHEMICAL LITERATURE | 1.0 |
| xxx | | | FREE ELECTIVE | 3.0 |
| xxx | YES | HS.SV or SS.SV | GEN*ED HIST. PERSPEC. Or SOCIAL SCIENCE | 3.0 |
| xxx | YES | ISP | GEN*ED INTERDIS. STUDIES | 3.0 |
| SEMESTER CREDITS | | | | 16.0 |

SEMESTER 7

| COURSE CODE | GEN*ED REQ'MT | COURSE* TYPE | TITLE | CRS. |
|----------------------------|------------------|-----------------|--------------------------------|-------------|
| xxx | | | FREE ELECTIVE | 3.0 |
| ED369 or ED375 (TERM A) | | | METHODS OF TEACH. SEC. SCI. I | 3.0 |
| ED370 or ED376 (TERM B) | | | METHODS OF TEACH. SEC. SCI. II | 3.0 |
| CE410 | | | SEMINAR | 1.0 |
| CE322 CE322L | YES | WT | INSTRUMENTAL ANALYSIS & LAB | 4.0 |
| CE4xx | | | CHEMISTRY ELECTIVE | 3.0 |
| SEMESTER CREDITS | | | | 17.0 |

SEMESTER 8

| COURSE CODE | GEN*ED REQ'MT | COURSE* TYPE | TITLE | CRS. |
|-------------------------|------------------|-----------------|---------------------------|-------------|
| ED416 | YES | EX | STUDENT TEACHING | 8.0 |
| ED416S | | | SEMINAR IN STUDENT TEACH. | 1.0 |
| xxx | | | FREE ELECTIVE | 2.0 |
| SEMESTER CREDITS | | | | 11.0 |