

MONMOUTH UNIVERSITY

Office of the Registrar

2018-2019 Sequence Chart

CE.BS.18

SEMESTER 1

| COURSE CODE | GEN*ED REQ'MT | COURSE* TYPE | TITLE | CRS. |
|-------------------------|---------------|--------------|--|-------------|
| EN101 | YES | | COLLEGE COMPOSITION 1 | 3.0 |
| CE111 & CE111L | YES | NS | GENERAL CHEMISTRY I & LAB (GEN*ED NATURAL SCIENCE) | 4.0 |
| IT102 | YES | TL | INFORM. TECH. FOR SCIENTISTS | 3.0 |
| MA125 | YES | | CALCULUS W/ANAL. GEOMETRY | 4.0 |
| FY101 | YES | | FIRST YEAR SEMINAR | 3.0 |
| SEMESTER CREDITS | | | | 17.0 |

B.S. IN CHEMISTRY

SEMESTER 2

| COURSE CODE | GEN*ED REQ'MT | COURSE* TYPE | TITLE | CRS. |
|-------------------------|---------------|--------------|---|-------------|
| EN102 | YES | | COLLEGE COMPOSITION 2 | 3.0 |
| CE112 & CE112L | YES | NS | GENERAL CHEMISTRY II & LAB (GEN*ED NATURAL SCIENCE) | 4.0 |
| MA126 | | | CALCULUS W/ANAL. GEOMETRY II | 4.0 |
| xxx | YES | SS.SV | GEN*ED SOCIAL SCIENCE | 3.0 |
| xxx | | | FREE ELECTIVE | 3.0 |
| SEMESTER CREDITS | | | | 17.0 |

SEMESTER 3

| COURSE CODE | GEN*ED REQ'MT | COURSE* TYPE | TITLE | CRS. |
|-------------------------|---------------|--------------|-------------------------------|-------------|
| CE241 & CE241L | | | ORGANIC CHEMISTRY I & LAB | 5.0 |
| PH211 & PH211L | | | GEN. PHYS. W/CALCULUS I & LAB | 5.0 |
| HSxxx | YES | HS.SV | GEN*ED HISTORICAL PERSPEC. | 3.0 |
| xxx | | | FREE ELECTIVE | 3.0 |
| SEMESTER CREDITS | | | | 16.0 |

SEMESTER 4

| COURSE CODE | GEN*ED REQ'MT | COURSE* TYPE | TITLE | CRS. |
|-------------------------|---------------|--------------|--------------------------------|-------------|
| CE242 & CE242L | | | ORGANIC CHEMISTRY II & LAB | 5.0 |
| CE221 & CE221L | | | QUANTITATIVE ANALYSIS & LAB | 5.0 |
| PH212 & PH212L | | | GEN. PHYS. W/CALCULUS II & LAB | 5.0 |
| | | | | |
| SEMESTER CREDITS | | | | 15.0 |

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. |
|-------------------------|---------------|----------------|--|-------------|
| xxx | YES | HS.SV or SS.SV | GEN*ED HISTORICAL PERSP. or SOCIAL SCIENCE | 3.0 |
| xxx | | | FREE ELECTIVE | 6.0 |
| CE341 & CE341L | YES | WT | PHYS CHEM I | 4.0 |
| AR,MU DA or TH | YES | AT | GEN*ED AESTHETICS & CREATIVITY | 3.0 |
| | | | | |
| SEMESTER CREDITS | | | | 16.0 |

SEMESTER 7

| COURSE CODE | GEN*ED REQ'MT | COURSE* TYPE | TITLE | CRS. |
|-------------------------|---------------|--------------|--|-------------|
| CE410 | YES | RD | SEMINAR (GEN*ED REASONED ORAL DISC.) | 1.0 |
| xxx | YES | GU | GEN*ED GLOBAL UNDERSTAND. | 3.0 |
| xxx | YES | EX | FREE ELECTIVES (GEN*ED EXPERIENTIAL ED) | 3.0 |
| xxx or CE4xx | | | FREE ELECTIVES or 400-LEVEL CHEMISTRY ELECTIVE | 3.0 |
| CE322 & CE322L | YES | WT | INSTRUMENTAL ANALYSIS & LAB (GEN*ED WRITING INTENSIVE) | 4.0 |
| xxx | | | FREE ELECTIVES | 3.0 |
| SEMESTER CREDITS | | | | 17.0 |

B.S. IN CHEMISTRY

SEMESTER 6

| COURSE CODE | GEN*ED REQ'MT | COURSE* TYPE | TITLE | CRS. |
|-------------------------|---------------|--------------|--|-------------|
| CE311 | | | CHEMICAL LITERATURE | 1.0 |
| xxx | YES | CD | GEN*ED CULTURAL DIVERSITY | 3.0 |
| ENxxxx | YES | LIT | GEN*ED LITERATURE | 3.0 |
| xxx | | | 400+ LEVEL CHEMISTRY ELECTIVE or FREE ELECTIVE | 3.0 |
| xxx | | | FREE ELECTIVES | 6.0 |
| SEMESTER CREDITS | | | | 16.0 |

SEMESTER 8

| COURSE CODE | GEN*ED REQ'MT | COURSE* TYPE | TITLE | CRS. |
|-------------------------|---------------|--------------|--|-------------|
| xxx | | | FREE ELECTIVES | 3.0 |
| xxx | | | FREE ELECTIVES | 3.0 |
| xxx | YES | ISP | GEN*ED INTERDISC. PERSPECT. | 3.0 |
| xxx or CE4xx | | | FREE ELECTIVES or 400-LEVEL CHEMISTRY ELECTIVE | 3.0 |
| xxx | | | FREE ELECTIVES | 2.0 |
| | | | | |
| SEMESTER CREDITS | | | | 14.0 |