

Bachelor of Science in Chemistry with Environmental Concentration, 214G

| YEAR | FALL SEMESTER | SEM | DESIGN | HOURS | YEAR | SPRING SEMESTER | SEM | DESIGN | HOURS |
|--|--|-----|----------|-------|------|---|-----|--------------|---------------|
| 1st | CHE 1101 Introductory Chemistry I ** | | ND | 3 | 1st | CHE 1102 Introductory Chemistry II ** | | ND | 3 |
| 1st | CHE 1110 Introductory Chemistry I Laboratory | | | 1 | 1st | CHE 1120 Introductory Chemistry II Laboratory | | | 1 |
| 1st | MAT 1110 Calculus with Analytical Geometry I | | ND | 4 | 1st | MAT 1120 Calculus with Analytical Geometry II | | ND | 4 |
| 1st | ENG 1000 Expository Writing | | W | 3 | 1st | ENG 1100 Introduction to Literature | | W | 3 |
| 1st | core curriculum course | | | 3 | 1st | core curriculum course | | | 3 |
| | | | | | 1st | physical activity/wellness course | | | 1 |
| | | | | 14 | | | | | 15 |
| 2nd | CHE 2201 Organic Chemistry I ** | | | 3 | 2nd | CHE 2202 Organic Chemistry II ** | | | 3 |
| 2nd | CHE 2203 Organic Chemistry I Laboratory | | | 1 | 2nd | CHE 2204 Organic Chemistry II Laboratory | | W | 1 |
| 2nd | CHE 2210 Quantitative Analysis ** | | W | 4 | 2nd | PHY 1151 Analytical Physics II ** | [S] | W, ND | 5 |
| 2nd | PHY 1150 Analytical Physics I ** | | W, ND, F | 5 | 2nd | STT 2810 Intro to Data Analysis & Statistical Inference | | ND,C | 3 |
| 2nd | core curriculum course | | | 3 | 2nd | GHY 1010 Intro. to Physical Geography | | CC | 3 |
| | | | | | 2nd | physical activity/wellness course | | | 1 |
| | | | | 16 | | | | | 16 |
| 3rd | CHE 3301 Physical Chemistry I | [F] | C | 3 | 3rd | CHE 3404 Inorganic Chemistry | [S] | | 4 |
| 3rd | CHE 3303 Physical Chemistry I Lab | [F] | | 1 | 3rd | CHE 3000 Introduction to Chemical Research | | S | 1 |
| 3rd | BIO 1110 Concepts of Biology ** | | | 4 | 3rd | GHY 3100 Weather & Climate ** | [S] | | 3 |
| 3rd | PS 2130 State & Local Govt. | | | | 3rd | GLY 1101 Physical Geology ** | | | 4 |
| | OR | | | 3 | 3rd | ECO 2030 Prin. of Economics Price Theory | | CC | 3 |
| 3rd | PS 3280 Public Policy Analysis | [F] | W | | | | | | 15 |
| 3rd | core curriculum course | | | 3 | | | | | |
| | | | | 14 | | | | | |
| 4th | CHE 4560 Instrumental Methods of Analysis ** | [F] | W | 4 | 4th | CHE 4620 Environmental Chemistry ** | [S] | | 4 |
| 4th | BIO 3302 Ecology ** | [F] | | 4 | 4th | GLY 1103 Intro. to Envir. Geology ** | [S] | | 4 |
| 4th | core curriculum course | | | 3 | 4th | core curriculum course | | | 3 |
| 4th | elective | | | 3 | 4th | elective | | | 3 |
| 4th | elective | | | 2 | 4th | elective | | | 2 |
| | | | | 16 | | | | | 16 |
| ** This course has a required laboratory | | | | | | | | | |
| | | | | | | | | Total | 122 SH |