

DEPARTMENT OF EDUCATION & SCHOOL PSYCHOLOGY

Curriculum Content: Chemistry/Life Science

72-73 Semester Hours Required

OAE test – Biology (007) and Chemistry (009)

| Course # | Course Title | Hrs. | Gr. | Sem. |
|--------------------|---------------------------------------|-------------|------------|---------------|
| CH 141/143 | General Chemistry I & Lab | 5 | | Fall |
| CH 142/144 | General Chemistry II & Lab | 5 | | Spring |
| CH 221/222 | Organic Chemistry I & Lab | 4 | | Fall |
| CH 223/224 | Organic Chemistry II & Lab | 4 | | Spring |
| CH 261/263 | Analytical Chemistry and Lab | 4 | | Spring |
| CH 361 | Introductory Physical Chemistry & Lab | 3 | | Fall |
| CH 367 | Physical Chemistry Lab | 2 | | Spring & Fall |
| CH 478 | Chemistry Seminar | 0 | | Spring & Fall |
| CH 431 | General Biochemistry | 4 | | Spring only |
| BL 155/156 | Principles of Biology I & II | 6 | | |
| BL 157/158 | Principles of Biology I & II Lab | 2 | | |
| BL 213 | Genetics | 4 | | |
| BL 222 | General Ecology | 3 | | |
| BL 310/310L | Microbiology & Lab | 4 | | |
| BL 444/444L | Advanced Ecology & Lab | 4 | | |
| PH125/125L | General Physics I & Lab | 4 | | Fall |
| PH126/126L | General Physics II & Lab | 4 | | Spring |
| Select One: | | | | |
| PH 115/L | Environmental Earth Science & Lab | 4 | | Fall |
| PH 206 | Earth System Science | 3 | | Spring |
| Select One: | | | | |
| MT 135 | Calculus and Analytic Geometry I | 4 | | |
| MT 136 | Calculus and Analytic Geometry II | 4 | | |
| Select One: | | | | |
| | | 3 | | |
| PL 375 * | Philosophy of Science | 3 | | |

Note:

This list does not include CH 443/444 or any additional upper division course, which is required for the chemistry major.

Revised Fall 2015