

BELLARMINI UNIVERSITY CURRICULUM CONTRACT

Chemistry

CERTIFICATION PROGRAM, Grades 8-12

| | |
|----------------------------|--------------------------|
| Student Name: | ID# |
| GPA Major (min 2.5) | Cum GPA (min 2.5) |

| Core Requirements | | | Hrs | 55 |
|---------------------|------|----------|---------|-----------|
| Course | Dept | Course # | Sem Hrs | Sem Taken |
| Freshman Focus | IDC. | 100 | 1 | |
| Freshman Seminar | IDC. | 101 | 3 | |
| Expository Writing | ENGL | 101 | 3 | |
| Reading Literature | ENGL | 200 | 3 | |
| Fine or Perf. Arts | | | 3 | |
| Communications | COMM | 103/205 | 3 | |
| Math | MATH | 117 | 4 | |
| Biology | BIOL | 130 | 4 | |
| Chemistry | CHEM | 103 | 4 | |
| W. World I or II | HIST | 116/117 | 3 | |
| Social Science | | | 3 | |
| Philosophy | PHIL | 160 | 3 | |
| Philosophy | PHIL | 301 | 3 | |
| Theology | THEO | 200 | 3 | |
| Theology Elective | THEO | | 3 | |
| U.S. Experience | IDC. | 200 | 3 | |
| Transcultural Exper | IDC. | 301 | 3 | |
| Senior Seminar | IDC. | 401 | 3 | |

| Specialization – Chemistry | | | Hrs | 49 |
|----------------------------|------|----------|---------|-----------|
| Course | Dept | Course # | Sem Hrs | Sem Taken |
| Gen Chemistry I | CHEM | 103 | 4 | |
| Gen Chemistry II | CHEM | 104 | 4 | |
| Organic Chemistry I | CHEM | 205 | 4 | |
| Organic Chemistry II | CHEM | 206 | 4 | |
| Biochemistry I | CHEM | 301 | 3 | |
| Phys. Chemistry I | CHEM | 307 | 3 | |
| Inorganic Chemistry | CHEM | 309 | 3 | |
| Chemistry Research I | CHEM | 330 | 1 | |
| Analytical Chemistry I | CHEM | 411 | 3 | |
| Chemical Analysis Lab | CHEM | 411L | 1 | |
| Calculus I | MATH | 117 | 4 | |
| Calculus II | MATH | 118 | 4 | |
| General Physics I | PHYS | 205 | 4 | |
| General Physics II | PHYS | 206 | 4 | |
| Physical Science | CHEM | 130 | 3 | |

| Testing Requirements | | |
|--------------------------------|------|--|
| CHEM: Content Knowledge | 0245 | |
| Principles of Learn & Teaching | 0524 | |

| Professional Education | | | Hrs | 44 |
|--------------------------------------|------|----------|---------|-----------|
| Course | Dept | Course # | Sem Hrs | Sem Taken |
| Intro School of Ed | EDUC | 131 | 1 | |
| Computer Applications | EDUC | 116 | 3 | |
| Foundations of Education | EDUC | 200 | 3 | |
| School Health, Nutrition | EDUC | 208 | 3 | |
| Collaboration | EDUC | 212 | 3 | |
| Field Based Instruction | EDUC | 132 | 1 | |
| Psych Of Adolescence | EDUC | 221 | 3 | |
| Teaching Science in Secondary School | EDUC | 349 | 3 | |
| Sec Classroom Learn Envrnmnt | EDUC | 355 | 3 | |
| Curric. Design & Issues (Sec) | EDUC | 341 | 3 | |
| Teaching Secondary School | EDUC | 342 | 3 | |
| Superv. Prof. Semester (8-12) | EDUC | 441 | 6 | |
| Superv. Prof. Semester (8-12) | EDUC | 442 | 6 | |
| Reading in Content Areas | EDUC | 445 | 3 | |

| Transition Requirements | |
|--------------------------------|--|
| Admit to Teacher Education | |
| Admit to Professional Semester | |
| Exit from Program | |

Advisor Signature

Date

Student Signature

Date