**BACHELOR OF SCIENCE IN BIOCHEMISTRY with UTeach Option - 134 hours**

**RECOMMENDED COURSE SEQUENCE, OPTION 2 - EFFECTIVE Fall 2014**

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|  | **Fall** | **Spring** | **Summer** |
| **Freshman Year** | **Fall –16 hours**  MATH 2413 Differential Calculus  CHEM 1311 or 1315 General Chemistry I  CHEM 1111 or 1115 General Chemistry Lab I  UNIV 1010/NATS 1101 Freshman Seminar  RHET 1302 Composition & Rhetoric HIST 1301 U.S. and Texas History  NATS 1141 STEP 1 (Free Elective) | **Spring –16 hours**  MATH 2414 Integral Calculus  CHEM 1312 or 1316 General Chemistry II CHEM 1112 or 1116 General Chemistry Lab II COMM 1311 Survey of Oral & Tech-Based Communication PHYS 2325 Physics I  PHYS 2125 Physics I Lab  NATS 1143 STEP 2 (Free Elective) | **Summer –6 hours**  Language, Phil, & Culture (3 SCH)  Social & Behavioral Science (3 SCH) |
| **Sophomore Year** | **Fall – 15 hours**  BIOL 2311 Modern Biology I  BIOL 2111 Modern Biology Workshop I  CHEM 2323 Organic Chemistry I  CHEM 2123 Organic Chemistry Lab I  MATH 2415 Calculus of Several Variables  NATS 3341 Knowing & Learning (Upper- Level Free Elective) | **Spring – 15 hours**  CHEM 2325 Organic Chemistry II CHEM 2125 Organic Chemistry Lab II  CHEM 2401 Quantitative Methods in Chemistry  PHYS 2326 Physics II  PHYS 2126 Physics II Lab  NATS 3343 Classroom Interactions (Upper-Level Free  Elective) | **Summer –6 hours**  GOVT 2305 American Government  Creative Arts (3 SCH) |
| **Junior Year** | **Fall – 16 hours** BIOL 3361 Biochemistry I  BIOL 3161 Biochemistry I Workshop  BIOL 3380 Biochemistry Lab  CHEM 3321 Physical Chemistry I  BIOL or CHEM 3xxx/4xxx Upper-Level Elective  HIST 3327 Perspectives on Science & Math (Upper-Level  Free Elective) | **Spring – 14 hours** BIOL 3301 Genetics  BIOL 3101 Genetics Workshop  BIOL 3362 Biochemistry II BIOL 3162 Biochemistry II Workshop  CHEM 3322 Physical Chemistry II  NATS 4390 Research Methods (Upper-Level Free Elective) | **Summer –6 hours**  HIST 1302 U.S. and Texas History  GOVT 2306 Texas Government |
| **Senior Year** | **Fall – 17 hours**  BIOL 3302 Molecular & Cell Biology BIOL 3102 Molecular & Cell Biology Workshop  CHEM 3472 Instrumental Analysis BIOL or CHEM 3xxx/4xxx Upper-Level Elective  BIOL or CHEM 3xxx/4xxx Upper-Level Elective  NATS 4341 Project-Based Instruction (Upper-Level Free  Elective) | **Spring – 7 hours**  NATS 4694/4696 Apprentice Teaching (Upper-Level Free  Elective)  NATS 4141 Apprentice Teaching Seminar (Upper-Level Free  Elective) |  |