**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 & RhetoricHIST 1301 U.S. and Texas HistoryNATS 1141 STEP 1 (Free Elective) | **Spring –16 hours**MATH 2414 Integral Calculus CHEM 1312 or 1316 General Chemistry IICHEM 1112 or 1116 General Chemistry Lab IICOMM 1311 Survey of Oral & Tech-Based CommunicationPHYS 2325 Physics IPHYS 2125 Physics I LabNATS 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 IMATH 2415 Calculus of Several VariablesNATS 3341 Knowing & Learning (Upper- Level Free Elective) | **Spring – 15 hours**CHEM 2325 Organic Chemistry IICHEM 2125 Organic Chemistry Lab IICHEM 2401 Quantitative Methods in ChemistryPHYS 2326 Physics IIPHYS 2126 Physics II LabNATS 3343 Classroom Interactions (Upper-Level Free  Elective) | **Summer –6 hours**GOVT 2305 American GovernmentCreative Arts (3 SCH) |
| **Junior Year** | **Fall – 16 hours**BIOL 3361 Biochemistry I BIOL 3161 Biochemistry I Workshop BIOL 3380 Biochemistry LabCHEM 3321 Physical Chemistry IBIOL or CHEM 3xxx/4xxx Upper-Level ElectiveHIST 3327 Perspectives on Science & Math (Upper-Level Free Elective) | **Spring – 14 hours**BIOL 3301 Genetics BIOL 3101 Genetics Workshop BIOL 3362 Biochemistry IIBIOL 3162 Biochemistry II WorkshopCHEM 3322 Physical Chemistry IINATS 4390 Research Methods (Upper-Level Free Elective) | **Summer –6 hours**HIST 1302 U.S. and Texas HistoryGOVT 2306 Texas Government |
| **Senior Year** | **Fall – 17 hours**BIOL 3302 Molecular & Cell BiologyBIOL 3102 Molecular & Cell Biology WorkshopCHEM 3472 Instrumental AnalysisBIOL or CHEM 3xxx/4xxx Upper-Level ElectiveBIOL or CHEM 3xxx/4xxx Upper-Level ElectiveNATS 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) |  |