

| First Year Fall | | | First Year Spring | | | |
|--|---|-----------|--------------------------|--|------------------------|------------|
| BIO 1404 | Biosciences I | 4 | BIO 1414 | Biosciences II | 4 | |
| CHE 1103 | General Chemistry I | 3 | CHE 1113 | General Chemistry II | 3 | |
| CHE 1121 | General Chem I Lab | 1 | CHE 1131 | General Chemistry II Lab | 1 | |
| CORE/WRC 1013 | 010 Freshman Composition I | 3 | CORE/WRC 1023 | 010 Freshman Composition II | 3 | |
| AIS 1203 | Academic Inquiry & Scholarship | 3 | MAT 1193/ STA1053 | Calculus for Biosciences/Basic Statistics | 3 | |
| UTE 1111 | Introduction to STEM Teaching Step 1 | 1 | UTE 1122 | Introduction to STEM Teaching Step 2 | 2 | |
| TOTAL | | 15 | TOTAL | | 16 | |
| First Year Summer | | | | | | |
| CORE | 060 American History | 3 | | | | |
| CORE | 070 Political Science | 3 | | | | |
| CORE | 040 Lang/Phil/Culture | 3 | | | | |
| TOTAL | | 9 | | | | |
| Second Year Fall | | | Second Year Spring | | | |
| CHE 2603 | Organic Chemistry I | 3 | CHE 3643 | Organic Chemistry II | 3 | |
| CHE 2612 | Organic Chemistry I Lab | 2 | CORE/ PSY 1013 | 080 Social Sciences/ Intro to Psychology | 3 | |
| PHY 1603 or PHY 1943 | Physics I | 3 | PHY 1623 or PHY 1963 | Physics II | 3 | |
| BIO 2313 | Genetics | 3 | CORE/CS 1173 | 090 Data Analysis & Visulatization | 3 | |
| BIO 2322 | Genetics Lab | 2 | UTE 3213 | Classroom Interactions | 3 | |
| UTE 3203 | Knowing and Learning | 3 | | | | |
| TOTAL | | 16 | TOTAL | | 15 | |
| Second Year Summer | | | | | | |
| CORE | 060 American History | 3 | | | | |
| CORE | 070 Political Science | 3 | | | | |
| TOTAL | | 6 | | | | |
| Third Year Fall | | | Third Year Spring | | | |
| BIO 3513 | Biochemistry | 3 | BIO 3413 | Advanced Physiology | 3 | |
| BIO 3522 | Biochemistry Lab | 2 | BIO 3422 | Advanced Physiology Lab | 2 | |
| BIO 3713 | Microbiology | 3 | BIO 4813 | Brain and Behavior | 3 | |
| BIO 3283 | Ecology | 3 | ESL 3063 | Second Language Acquisition | 3 | |
| UTE 3023 | Perspectives in Math and Sciences | 3 | LTED 3773 | Content Reading | 3 | |
| TOTAL | | 14 | TOTAL | | 14 | |
| Fourth Year Fall | | | Fourth Year Spring | | | |
| BIO 3813 | Cell Biology | 3 | UTE 4646 | Clinical Teaching | 6 | |
| BIO 3323 | Evolution | 3 | | | | |
| BIO 3043 | Research Methods | 3 | | | | |
| UTE 4203 | Project-Based Instruction | 3 | | | | |
| CORE | 050 Creative Arts | 3 | | | | |
| TOTAL | | 15 | TOTAL | | 6 | |
| | | | | | Total hrs listed here: | 126 |
| Highlighted text indicates courses required for teaching certification. | | | | | | |
| Red text indicates courses required to advance from Pre-Biology to Biology (C- or better) | | | | | | |