

UTSA Bachelor of Science in Multidisciplinary Science
Four-Year Plan **WITH Certification**
2010-12 *starting with MAT/CHE 1073*

| FIRST YR | FALL | | SPRING | | |
|-----------------------|--|-----------|---|---|-----------|
| MAT 1073 [^] | Algebra- Scientists & Engineers | 3 | MAT 1093 | Pre-calculus | 3 |
| GEO 1103/11 | Intro to Earth Systems/Lab | 3/1 | GEO 1123/31 | Earth History/Lab | 3/1 |
| WRC 1013 | Freshman Composition I | 3 | BIO 1404 | Biosciences I | 4 |
| CHE 1073 [^] | Basic Chem (if needed)* | 3 | CHE 1103 | General Chemistry I | 3 |
| UTE 1011 | UTeach Math/Science I | 1 | CHE 1122/20 | Gen Chem I Lab [^] /lecture | 2/0 |
| | | | UTE 1021 | UTeach Math/Science II | 1 |
| TOTAL | | 14 | TOTAL | | 17 |
| SUMMER | | | | | |
| BIO 1413 | Biosciences II | 3 | STA 1053 | Basic Statistics | 3 |
| BIO 1122 | Lab Investigations | 2 | CORE | Domain IID: Economics | 3 |
| TOTAL | | 5 | TOTAL | | 6 |
| SECOND YR | | | | | |
| BIO 2313 | Genetics | 3 | EDU 2103 | Social Foundations of Education | 3 |
| CHE 1113 | General Chemistry II | 3 | COM 1043 or 2123 | Communications | 3 |
| CHE 1132/30 | Gen Chem II Lab/lecture | 2/0 | BIO 3283/92 | Ecology/Lab | 3/2 |
| EDP 3203 | Learning & Dev Sec School | 3 | WRC 1023 | Freshman Composition II | 3 |
| UTE 1031 | UTeach Math/Science III | 1 | CORE | Domain IIA: History | 3 |
| TOTAL | | 12 | TOTAL | | 17 |
| SUMMER | | | | | |
| CORE | Domain IIIA: Literature | 3 | CORE | Domain IIC: Soc/Beh Sci | 3 |
| CORE | Domain IV: World Society | 3 | POL 1013 | Domain IIB | 3 |
| TOTAL | | 6 | TOTAL | | 6 |
| THIRD YR | | | | | |
| BIO 3323 | Evolution | 3 | GEO 3163 | Oceanography | 3 |
| BBL 3403 | Cult & Linguistic Diversity | 3 | GEO 3153/62 | Paleo & Stratigraphy/lab ^{^^} | 3/2 |
| SPE 3603 | Intro to Exceptionalities | 3 | EDP 4203 | Assessment & Evaluation | 3 |
| PHY 1603/11 | Alg-based Physics I/Lab OR | 3/1 | PHY 1623/31 | Alg-based Physics II/Lab OR | 3/1 |
| PHY 1943/51 | Physics for Scientists I/Lab ^{**} | | PHY 1963/71 | Physics for Scientists II/Lab ^{**} | |
| TOTAL | | 13 | TOTAL | | 15 |
| SUMMER | | | | | |
| CORE | Domain IIB: Politics | 3 | CORE | Domain IIA: History | 3 |
| GEO 4193 | Field Inquiry (during May Mini) | 3 | CORE | Domain IIIB: The Arts | 3 |
| TOTAL | | 6 | TOTAL | | 6 |
| FOURTH YR | | | | | |
| RDG 3773 | Intro to Content Area | 3 | C&I 4646 | Student Teach Secondary | 6 |
| C&I 4203 | Teaching Secondary School | 3 | | | 6 |
| BIO 3413/22 | Advanced Physiology/Lab | 3/2 | Total hrs for BS/MDS WITH Teacher Certification | | |
| AST 1013/31 | Intro to Astronomy/Lab | 3/1 | is 136. Total hrs listed here: 144 [^] | | |
| TOTAL | | 15 | | | |

Check 2010-12 catalog for course prerequisites. Minimum of C is required for major/suport work.
Some courses are offered Fall only or Spring only.

*Note: 48hrs Approved Electives in Bio, Che, Geo, Phy, ES &/or MAT including 39 hr at UD (3000-4000) level to meet 39 hr required for graduation.

**Note: PHY 1943/1963 required for conc in chem or physics. Prereqs are MAT 1214 & MAT 1224.

[^]MAT 1073, CHE 1073, CHE 1122 taken as prereqs and not required by degree.

^{^^}Prereqs are: GEO 2003/12 Minerology/lab and GEO 3123/31 Sedimentary/lab.