

# UTSA Bachelor of Science in Geology

## Four-Year Plan

*Starting with MAT 1093*

**2008-10**

| FALL   |                             | FIRST YR  |  | SPRING          |                             |           |
|--|-----------------------------|-----------|--|-----------------|-----------------------------|-----------|
| MAT 1093   | Precalculus                 | 3         |  | MAT 1214        | Calculus I                  | 4         |
| GEO 1103/11  | Intro to Earth Systems/lab  | 3/1       |  | GEO 1123/31     | Earth History/lab           | 3/1       |
| CHE 1103   | General Chemistry I         | 3         |  | CHE 1113        | General Chemistry II        | 3         |
| WRC 1013   | Freshman Composition I      | 3         |  | WRC 1023        | Freshman Composition II     | 3         |
| <b>TOTAL</b>   |                             | <b>13</b> |  | <b>TOTAL</b>    |                             | <b>14</b> |
| SECOND YR  |                             |           |  |                 |                             |           |
| GEO 2003/12  | Mineralogy/lab              | 3/2       |  | GEO 3043/52     | Petrology/lab               | 3/2       |
| GEO 2113   | Fundamentals of GIS         | 3         |  | MAT 1223        | Calculus II                 | 3         |
| GEO 3374   | Geochemistry                | 4         |  | CS 1073 or 1063 | Intro to Prog for Sci Apps  | 3         |
| POL 1013   | Domain IIB: Politics        | 3         |  | CORE            | Domain IIB: Politics        | 3         |
| <b>TOTAL</b>   |                             | <b>15</b> |  | <b>TOTAL</b>    |                             | <b>14</b> |
| THIRD YR   |                             |           |  |                 |                             |           |
| GEO 3123/31  | Sedimentary Geology/lab     | 3/1       |  | GEO 3153/62     | Paleo & Stratigraphy/lab    | 3/2       |
| GEO 4113/21  | Geomorphology/lab           | 3/1       |  | GEO 3103/11     | Structural Geology/lab      | 3/1       |
| PHY 1943/1951  | Physics for Sci I & Lab     | 3/1       |  | PHY 1963/1971   | Physics for Sci II & Lab    | 3/1       |
| OR   | OR                          |           |  | OR              | OR                          |           |
| PHY 1603/1611  | Alg-based Physics I & Lab   |           |  | PHY 1623/1631   | Alg-based Physics II & Lab  |           |
| CORE   | Domain IIIB: Arts           | 3         |  | CORE            | Domain IV: World Society    | 3         |
| <b>TOTAL</b>   |                             | <b>15</b> |  | <b>TOTAL</b>    |                             | <b>16</b> |
| SUMMER   |                             |           |  |                 |                             |           |
| GEO 4933   | Field Geology- Part I       | 3         |  | GEO 4943        | Field Geology- Part II      | 3         |
| OR   |                             |           |  |                 |                             |           |
| 6-Hour Summer Geology Field Course Taken at Another University |                             |           |  |                 |                             |           |
| <b>TOTAL</b>   |                             | <b>3</b>  |  | <b>TOTAL</b>    |                             | <b>3</b>  |
| FOURTH YR  |                             |           |  |                 |                             |           |
| GEO 3383   | General Geophysics          | 3         |  | GEO 4623        | Ground-Water Hydrology      | 3         |
| GEO 3XX3   | Upper-division Geo Elective | 3         |  | GEO 3XX3        | Upper-division Geo Elective | 3         |
| GEO 3XX3   | Upper-division Geo Elective | 3         |  | CORE            | Domain IID: Economics       | 3         |
| CORE   | Domain IIA: History         | 3         |  | CORE            | Domain IIA: History         | 3         |
| CORE   | Domain IIIA: Literature     | 3         |  | CORE            | Domain IIC: Soc/Beh Sci     | 3         |
| <b>TOTAL</b>   |                             | <b>15</b> |  | <b>TOTAL</b>    |                             | <b>15</b> |

Total hrs for BS/GEO is 120.

Total hrs listed here is 123.

Notes: Check the student's catalog of graduation for course prerequisites.

A minimum grade of C is required in all GEO courses.

39 hrs must be taken at the upper-division (3000-4000) level to graduate.

GEO electives are only offered every other year so students are encouraged to take them when they are offered.