

Physical Science Degree Program

281-756-5669

Associate of Science Degree Program

| Course Number | Course Title | Lecture Hours | Lab Hours | Credits |
|-----------------------------|--|---------------|-----------|----------|
| First Semester | | | | |
| CHEM 1411 | General Chemistry & Analysis I | 3 | 4 | 4 |
| +ENGL 1301 | Composition I | 3 | 0 | 3 |
| +**HIST 1301 | The United States to 1877 | 3 | 0 | 3 |
| +SPCH 1315 | Public Speaking | 3 | 0 | 3 |
| PHED | Physical Activity | 0 | 3 | 1 |
| +BCIS 1405 (or higher) | Business Computer Applications | <u>3</u> | <u>3</u> | <u>4</u> |
| | | 15 | 10 | 18 |
| Second Semester | | | | |
| CHEM 1412 | General Chemistry & Analysis II | 3 | 4 | 4 |
| +ENGL 1302 | Composition II | 3 | 0 | 3 |
| +**HIST 1302 | The U.S. Since 1877 | 3 | 0 | 3 |
| +MATH 2412 | Pre-Calculus Math | 4 | 0 | 4 |
| +Visual/Perform. Arts | Visual/Performing Arts | 3 | 0 | 3 |
| PHED | Physical Activity | <u>0</u> | <u>3</u> | <u>1</u> |
| | | 16 | 7 | 18 |
| Third Semester | | | | |
| ***Science | Recommended for Majors | 3 | 3-4 | 4 |
| +ENGL 2332 or ENGL 2322 | Survey of Literature I or Survey of English Literature I | 3 | 0 | 3 |
| +GOVT 2301 | American National & State Governments I | 3 | 0 | 3 |
| MATH 2413 | Calculus I | <u>4</u> | <u>0</u> | <u>4</u> |
| | | 13 | 3-4 | 14 |
| Fourth Semester | | | | |
| ****Science | Second half of science courses taken third semester | 3 | 3-4 | 4 |
| +GOVT 2302 | American National & State Governments II | 3 | 0 | 3 |
| MATH 2414 | Calculus II | 4 | 0 | 4 |
| +Social/Behavioral Sciences | Select from Social/Behavioral Sciences Core | <u>3</u> | <u>0</u> | <u>3</u> |
| | | 13 | 3-4 | 14 |

+Denotes core requirement; see p. 20.

***Chemistry majors should take CHEM 2423 and either PHYS 2425 or BIOL 1406.

Geology majors should take GEOL 1403, and either GEOL 1404 or GEOL 1405. Physics majors should take PHYS 2425 and either BIOL 1406 or GEOL 1403.

**Texas History (HIST 2301) may be substituted for one semester U.S. History (HIST 1301 or HIST 1302) to satisfy degree requirements.

****Select two of the following: CHEM 2425, PHYS 2425, GEOL 1403, BIOL 1406, PHYS 1401

Total Minimum Credits Required for Physical Science Degree64