

SUGGESTED PROGRAM – BACHELOR OF ARTS IN EARTH SCIENCE

FIRST YEAR

Fall Semester Suggested Program	
Courses	Hours
GEOL 1130. Physical Geology Laboratory	1
GEOL 1330. Physical Geology	3
CHEM 1111. Fundamentals of Chemistry Laboratory	1
CHEM 1331. Fundamentals of Chemistry	3
ENGL 1303. First Year Writing I	3
HIST 1377. The United States to 1877 or equivalent	3
MATH 1310. College Algebra	3
Total	17

Spring Semester Suggested Program	
Courses	Hours
GEOL 1176. Historical Geology Laboratory	1
GEOL 1376. Historical Geology	3
CHEM 1112. Fundamentals of Chemistry Laboratory	1
CHEM 1332. Fundamentals of Chemistry	3
ENGL 1304. First Year Writing II	3
HIST 1378. The United States Since 1877 or equivalent	3
MATH 1330. Precalculus	3
Total	17

SECOND YEAR

Fall Semester Suggested Program	
Courses	Hours
GEOL 3370. Mineralogy	3
POLS 1336. U.S. and Texas Constitutions and Politics or equivalent	3
Foreign Language at the 2000-level	3
Visual/Performing Arts Core	3
Approved Elective	3
Total	15

Spring Semester Suggested Program

Courses	Hours
GEOL 3340. Geologic Field Methods	3
GEOL 3372. Petrography	3
POLS 1337. U.S. Government: Congress, President and Courts or equivalent	3
Core distribution elective	3
Foreign Language at the 2000-level	3
Total	15

THIRD YEAR

Fall Semester Suggested Program

Courses	Hours
GEOL 3178. Introduction to Atmospheric Science and Weather Information Laboratory	1
GEOL 3378. Introduction to Atmospheric Science and Weather Information	3
PHYS 1101. Introductory General Physics Laboratory	1
PHYS 1301. Introductory General Physics	3
Approved GEOL Elective	1
Core distribution elective	3
Approved Elective	3
Total	15

Spring Semester Suggested Program

Courses	Hours
GEOL 3177. Introductory Oceanography Laboratory	1
GEOL 3377. Introductory Oceanography	3
PHYS 1102. Introductory General Physics Laboratory	1
PHYS 1302. Introductory General Physics	3
Core distribution elective	3
Approved Elective	4
Total	15

FOURTH YEAR

Fall Semester Suggested Program

Courses	Hours
BIOL 1361. Introduction to Biological Science I	3
BIOL 1161. Introduction to Biological Science I Lab	1
Approved GEOL Elective (Advanced)	3
Approved Elective (Advanced) (NSM Capstone Requirement)	3
Approved Elective (Advanced)	3
Total	13

Spring Semester Suggested Program

Courses	Hours
BIOL 1362. Introduction to Biological Science II	3
BIOL 1162. Introduction to Biological Science II Lab	1
Approved GEOL Elective (Advanced)	3
Approved Elective (Advanced) (NSM Capstone Requirement)	3
Approved Elective (Advanced)	3
Total	13