BACHELOR OF SCIENCE (B.S.) MAJOR IN GEOGRAPHY WATER RESOURCES

Minimum required: 120 semester hours

General Requirements
1. The B.S. degree requires a minimum of 37 semester hours of Geography. To satisfy graduation requirements, students must have at least a 2.50 major GPA for Geography and at least a 2.25 Texas State GPA.
2. All majors must satisfy the pre-major requirements with grades of "C" or higher in each course:
   - GEO 1309 Introduction to Cultural Geography 3
   - or GEO 1310 World Geography
   - GEO 2410 Introduction to Physical Geography 4
   - GEO 2426 Fundamentals of Geographic Information Systems
   - GEO 3301 Research Methods in Geography 3
3. Required Core Courses:
   - GEO 3305 Climatology 3
   - GEO 3434 Water Resources 4
   - GEO 4314 River Basin Management 3
   - GEO 4325 Fluvial Processes 3
   - GEO 4334 Groundwater Resources 3
   - or GEOL 4421 Hydrogeology
   - GEO 4341 Water Policy 3
4. Required Techniques Courses: At least one course from:
   - GEO 3411 Maps and Mapmaking 4
   - GEO 3416 Principles of Remote Sensing 4
   - GEO 4430 Field Methods 4
5. The degree requires students to select a minor area of study from the approved list of minors. Minors may be any approved Texas State minor. Biology, Chemistry, Geology, Political Science, Anthropology, Business Administration, Plant and Soil Science, or Nature and Heritage Tourism are highly recommended to complement your Geography major in Water Studies.
6. Texas State requires a minimum of 120 semester hours of coursework to graduate including:
   a. general education core curriculum requirements;
   b. major requirements;
   c. minor requirements
   d. additional College/degree requirements, which include either an additional sophomore English literature course or ENG 3303—Technical Writing and 8 hours of modern language (if students completed two years of the same modern language in high school, then no additional courses are required); and
   e. additional elective courses, as needed, to achieve the minimum 120 hours required for graduation of which 36 hours must be advanced (3000—4000) level courses, and at least 9 semester hours must be writing intensive (WI).