The mission of Foundational Sciences (FSCI) is to be a community of engaged faculty who offer academically excellent and pedagogically innovative classes in mathematics, chemistry, physics and statistics. We envision that all Galveston students will be challenged and successful in the high quality coursework we offer. Our faculty are proactively engaging the students with hands-on high impact learning experiences and support activities for their coursework. For example, all students enrolled in general chemistry labs go on a vessel trip and collect water samples for analysis. In small groups they also participate in a competitive chemistry poster symposium. Any level math students can compete in our math Olympiad for cash prizes.

FSCI advises for and offers the coursework needed for minors in Mathematics (http://catalog.tamu.edu/undergraduate/science/mathematics/minor) and Chemistry (http://catalog.tamu.edu/undergraduate/science/chemistry/minor), through the respective departments at TAMU. We also coordinate the paperwork locally for the Military Science (http://catalog.tamu.edu/undergraduate/military-sciences/military-studies-minor) minor. We are adding the connections to the College of Education and Human Development and the local school districts to support the STEM (http://catalog.tamu.edu/undergraduate/education-human-development/teaching-learning-culture/stem-minor) minor (Science, Technology, Engineering and Mathematics), which when partnered with one of several TAMUG degree programs will enable students to be authorized to sit for Texas Education Agency teacher certification in composite science, life science or chemistry.