

First-Year Courses

Foundations of Self-Discovery & Lifelong Learning (UNIV 110)

- 2-credit class geared toward easing students' transition to college and life at Rice
- Highlights resources, programs, and skills via discussion, reflection, and activities

Career and Life Options (UNIV 212)

- 1-credit class intended for freshmen and sophomores who are exploring careers and academic majors (juniors and seniors are also welcome to enroll)
- Students learn about career options that fit their interests, personality, and values
- Ideal for students who are unsure what they want to do after they graduate

First-Year Seminars in Local Biology Research (BIOS 118 & BIOS 119)

- 1-credit, half-semester class offers freshmen a peek into the exciting world of biology research
- Students read and discuss research articles and tour local labs
- BIOS 118 has a biochemistry, cell biology, and genetics focus
- BIOS 119 has an ecology and evolutionary biology focus

Freshman Chemistry Seminar (CHEM 110)

- Half-semester course, offered fall and spring, to introduce freshmen to chemical research at Rice and in Houston
- Fall emphasizes material related to academic and industrial careers
- Spring emphasizes Texas Medical Center research
- All first-year non-transfer students are eligible to enroll in CHEM 110

Intro to Engineering Design (ENGI 120)

- Teams of students evaluate design requirements and construct innovative solutions in the Oshman Engineering Design Kitchen
- Emphasizes engineering design processes, communication, and teamwork skills

Introductory Scientific Research Challenges (NSCI 120)

- Teams of students use natural science research processes to investigate



challenges posed by local laboratories from Rice and Texas Medical Center

- Emphasizes teamwork, research, and lab methods

Seminar in Physics and Astronomy at Rice and Beyond (PHYS 116)

- 1-credit, half-semester course offered in spring, to introduce students to the exciting world of physics and astronomy research at Rice and in Houston
- Students read and discuss research articles and tour a local lab