



FRESHMAN

### YOUR CLASS SCHEDULE

- Take MATH 1508 or 1411 and BIOL 1305/1107 in the Fall semester.
- If you are interested in an Early Acceptance Program, take CHEM 1305/1105 your first semester along with your math course; talk to your advisor about whether or not to also take biology.
- Take BIOL 1306/1108 and CHEM 1305/1105 in the Spring Semester.
- Investigate joining a FYRIS course in order to conduct hands-on research under the direction of a faculty member for course credit.

SOPHOMORE

- Take CHEM 1306 (General Chemistry 2) and MICR 2340-2141 (General Microbiology) during the fall semester.
- Take CHEM 2324 (Organic Chemistry 1) and BIOL 3314-3115 (Molecular Cell Biology) during the spring semester.
- Take MATH 1411 if you have not done so already.
- Consult your degree plan for other required courses. Pay special attention to classes that are only offered once a year.

JUNIOR

- Take CHEM 2325 (Organic Chemistry 2) and a major menu elective during the fall.
- Take MICR 3343 (Pathogenic Microbiology) and/or MICR 3449 (Prokaryotic Molecular Genetics) in the spring (these courses are only offered in the spring).
- Take BIOL 3192 (Professional Development) either fall or spring.
- Consider taking BIOL 4398, Special Problems, to build lab experience with a faculty mentor. You can take up to three credit hours of Special Problems as a major menu elective.
- Consult your degree plan for required courses. Pay special attention to classes that are only offered once a year.

SENIOR

- Complete degree requirements and any courses needed for graduate or professional school.
- Take BIOL 4398, Special Problems, to build lab experience with a faculty mentor. You can take up to six credit hours of Special Problems.
- If planning to attend medical school, be sure to take Genetics, Medical Parasitology, Medical Biology, and upper division Anatomy and Physiology during your Junior and Senior years.

### ACADEMIC ADVISING

- Meet with your advisor in the College of Science CORE (Central Office for Readiness & Engagement) at Bell Hall 100.
- Consult your degree plan for required courses. Pay special attention to classes that are only offered once a year.
- Watch your email for advising instructions and tips.
- Advising Tip – Balance science/math and non-science courses.

- Meet with your advisor in the College of Science CORE (Central Office for Readiness & Engagement) at Bell Hall 100.
- Watch your email for advising instructions and tips.
- Advising Tip – General Chemistry 1 and 2 as well as General Microbiology are required to unlock 3000-level Microbiology courses.

- Attend group advising sessions in the Bioscience Research Building conference room. Group advising sessions are announced by email and advertised throughout the Department of Biological Sciences.
- Ask your advisor about taking entrance exams for graduate or professional school, such as the MCAT or GRE this year.
- Consult your degree plan for required courses. Pay special attention to classes that are only offered once a year. For example, MICR 3443 and 3449 are both offered in the Spring.

- Attend group advising sessions in the Bioscience Research Building conference room. Group advising sessions are announced by email and advertised throughout the Department of Biological Sciences.
- Apply for graduation by the deadline.
- Consult your degree plan for required courses. Pay special attention to classes that are only offered once a year.

### ENRICHING EXPERIENCES

- Ask your advisor about joining a Learning Community.
- Join the American Society for Microbiology.
- Join the Medical Professions Organization if you are planning a career in any health profession.
- Apply for Summer Undergraduate Research Programs (info available at COURI and on the web).

- Investigate the COURI (Campus Office of Undergraduate Research Initiatives) website for on and off campus undergraduate research opportunities.
- Research is also available as a Special Problems course (3 credit hours count towards the degree).
- Also investigate paid summer undergraduate research internships available across the country.
- Discover volunteer opportunities through the Center for Civic Engagement.
- Continue to engage with the American Society for Microbiology.

- Cultivate a leadership role with the American Society for Microbiology.
- Apply to present your research at a regional or national conference, such as the Society for Advancement of Chicanos/Hispanics and Native Americans in Science, the Annual Biomedical Research Conference for Minority Students, and the Rio Grande Branch of the American Society for Microbiology.
- Apply for summer research programs, which are advertised throughout the Bioscience Research Building.
- Seek internship opportunities and investigate interning abroad.
- Participate in Project Move.

- Expand your leadership efforts with the American Society for Microbiology.
- Apply to present your research at a regional or national conference, such as the Society for Advancement of Chicanos/Hispanics and Native Americans in Science, the Annual Biomedical Research Conference for Minority Students, and the Rio Grande Branch of the American Society for Microbiology.
- Explore internship opportunities with organizations such as NASA and the CDC.

### LIFELONG SUCCESS

- Research options for your post-graduate career. Explore careers, graduate school, or professional programs such as medical school.
- Visit career fairs and expos and investigate career options.
- Discover tutoring resources such as the University Writing Center and the Math Resource Center for Students.
- Register at the Career Center and obtain on-campus employment.
- Cultivate healthy lifestyle habits by visiting the Student Recreation Center.

- Visit the University Career Center to develop your resume or CV.
- Identify scholarship opportunities through the Office of Scholarships.
- Reach out to the Medical Professionals Institute if you are planning a career in medicine, podiatry, dentistry, veterinary medicine, optometry, or a physician's assistant program. Begin shadowing early if preparing for medical school.

- Prepare for any necessary examinations for graduate or professional school. Set exam dates for the summer before Senior year in preparation for interviews and applications.
- Prepare all necessary applications for graduate and professional school.
- Ask your advisor about enrolling in a fast track graduate program.
- Cultivate professional relationships with faculty mentors to learn about undergraduate research opportunities.
- Maintain a clean record in preparation for research opportunities.

- Submit applications for graduate or professional school during the fall and winter of your Senior year.
- Attend career fairs in the fall and spring if pursuing employment.
- Reach out to UTEP faculty and mentors to secure references for graduate/professional school applications or employment efforts. Send out your CV when requesting a reference or letter of recommendation.
- Visit the University Career Center for a mock interview and resume/CV review.
- Consult faculty mentors about postbaccalaureate research opportunities at universities such as the University of New Mexico.

UPDATED 06/22/2018

### EDGE ADVANTAGES:

- Leadership
- Problem-solving
- Communication
- Entrepreneurship
- Social Responsibility
- Confidence
- Global Awareness
- Teamwork
- Critical Thinking

### CAREER POSSIBILITIES:

- Physician (M.D./D.O.)
- Physician Assistant
- Optometrist
- Dentist
- Veterinarian
- Pharmacist
- Research Scientist
- Laboratory Technician
- Teacher

