The degree explores the application of powerful modern bioscience approaches such as molecular cell biology, molecular genetics and genomics, as well as anatomy, physiology, and neuroscience to human health. It is a preparatory degree for tomorrow’s health care professionals and leaders and thus prepares students for successful admission to professional schools in medicine, dentistry, veterinary medicine, pharmacy, physical therapy, and physician assistant programs as well as graduate studies in biomedical sciences.
**FIRST YEAR**

**MILESTONES**
- It is a point to visit them.
- Complete your core English classes (section 010) during your first year.
- Complete 30 credit hours every year in order to graduate in 4 years.
- Shoot for a GPA of 3.5 or higher.
- Take MATH 1314 in your first year.

**ADVICE & SUPPORT**
- Meet with your academic advisor and bring your orientation folder with you to every session.
- Choose a major with confidence: Visit my.UTRGV.edu and check out MyMajors.
- Visit a faculty member during their office hours and ask a question about class.
- Classes fill up fast. When registration opens, be sure to register on the first day for your group.
- Cold or flu getting you down? We have Student Health Services on campus with free office visits.
- Look for a service-learning course! For guidance, visit Engaged Scholarship & Learning Office.
- Participate in a campus-sponsored community service project.
- Ask a student in class to study with you.
- Apply for internships at research intensive institutions to get research experience.

**APPLY WHAT YOU LEARN**
- Set up your profile on the Engagement Zone through my.UTRGV.edu.
- Attend a diversity based campus or community event (e.g. MLK Day of Service).
- Join a student organization! Consider looking into BSA (Biomedical Student Association), Medical Brigades and others (http://www.utrgv.edu/hsb/student-engagement/student-organizations/index.html) or visit VLink (utrgv.edu/vlink) for options.
- Create a résumé and set up your profile on the Handshake icon (My UTRGV.edu).
- Got summer plans? Visit Career Center and ask about places to do some job shadowing.
- Research shows that students who work on campus perform better than those who work off campus. Look for a job on Handshake!
- Check your UTRGV email for the daily Messenger - locate and attend one student workshop.

**GLOBAL, CAMPUS & COMMUNITY ENGAGEMENT**
- Look at study abroad opportunities! Leaders going on Medical Brigades missions, VAW etc.
- Check out a cultural campus or community event such as HESTEL or FESTIBA.
- Join another student organization. Perhaps L2S, T4A (http://www.utrgv.edu/hsb/student-engagement/student-organizations/index.html) or visit VLink (utrgv.edu/vlink) for options.
- Travel the world! Look into study abroad opportunities at Office for International Programs & Partnerships.

**LIFE AFTER GRADUATION**
- Update your resume in Handshake and have it reviewed.
- Visit the Career Center site to find a job to avoid attending at the event, approach a recruiter and discuss internships.
- Will a minor expand your career options? We recommend Psychology, Chemistry, Biology, Medical Spanish, Medical Humanities etc.
- Explain to someone how your academic program aligns with your strengths and interests.

**SECOND YEAR**

**MILESTONES**
- Complete 30 credit hours.
- Apply to the Honors College and Summer Internships program. The deadline is usually early spring.
- You should have finished your first program mandatory diagnostic assessment by start of second year.

**ADVICE & SUPPORT**
- Want to explore different careers? Check out MyMajors!
- Connect with course suggestions and questions when you visit your academic advisor.
- Visit the Communication Hauser Lab for help with your speeches.
- Trouble making your tuition payment? The Financial Aid Office can help. Payment plans and emergency loans are also available.

**APPLY WHAT YOU LEARN**
- MCAT, PCAT, DAT or GRE preparation
- To find undergraduate research opportunities, visit the Engaged Scholarship & Learning Office.
- Start applying for summer internships at research intensive institutions to get research experience.
- Engage in Service to community, Research and Clinical Experiences
- Go show off your research, service-learning or creative works at the Engaged Scholar Symposium!

**GLOBAL, CAMPUS & COMMUNITY ENGAGEMENT**
- Look at study abroad opportunities! Leaders going on Medical Brigades missions, VAW etc.
- Check out a cultural campus or community event such as HESTEL or FESTIBA.
- Join another student organization. Perhaps L2S, T4A (http://www.utrgv.edu/hsb/student-engagement/student-organizations/index.html) or visit VLink (utrgv.edu/vlink) for options.
- Travel the world! Look into study abroad opportunities at Office for International Programs & Partnerships.

**LIFE AFTER GRADUATION**
- Update your resume in Handshake and have it reviewed.
- Visit the Career Center site to find a job to avoid attending at the event, approach a recruiter and discuss internships.
- Will a minor expand your career options? We recommend Psychology, Chemistry, Biology, Medical Spanish, Medical Humanities etc.
- Explain to someone how your academic program aligns with your strengths and interests.

**THIRD YEAR**

**MILESTONES**
- Complete 30 credit hours.
- Have you landed an internship or acquired research experience? This is the year to make it happen.
- You should have finished your second program mandatory diagnostic assessment by start of third year.

**ADVICE & SUPPORT**
- Seek out research opportunities within your major and join a professional organization such as American Medical Student Association.
- Check DegreeWorks to make sure you are on track for graduation next year.
- Apply for internship and/or job shadowing opportunities. Discuss this with your advisor, faculty mentor, or Career Center.
- Visit Writing Center to improve your writing skills.

**APPLY WHAT YOU LEARN**
- MCAT, PCAT, DAT or GRE preparation
- Start applying for summer internships at research intensive institutions to get research experience.
- Engage in Service to community, Research and Clinical Experiences
- Go show off your research, service-learning or creative works at the Engaged Scholar Symposium!

**GLOBAL, CAMPUS & COMMUNITY ENGAGEMENT**
- Look at study abroad opportunities! Leaders going on Medical Brigades missions, VAW etc.
- Check out a cultural campus or community event such as HESTEL or FESTIBA.
- Join another student organization. Perhaps L2S, T4A (http://www.utrgv.edu/hsb/student-engagement/student-organizations/index.html) or visit VLink (utrgv.edu/vlink) for options.
- Travel the world! Look into study abroad opportunities at Office for International Programs & Partnerships.

**LIFE AFTER GRADUATION**
- Update your resume in Handshake and have it reviewed.
- Visit the Career Center site to find a job to avoid attending at the event, approach a recruiter and discuss internships.
- Will a minor expand your career options? We recommend Psychology, Chemistry, Biology, Medical Spanish, Medical Humanities etc.
- Explain to someone how your academic program aligns with your strengths and interests.

**FOURTH YEAR**

**MILESTONES**
- "I have a plan for after graduation." If this describes you, great! If not, visit your Faculty Advisor or Career Center!
- Register for your Capstone/senior/portfolio project: BMED spring.
- You should have finished your third program mandatory diagnostic assessment by start of fourth year.

**ADVICE & SUPPORT**
- Discuss future plans with your faculty mentor or advisor that includes employment, finances, and other life goals.
- Apply for graduation one semester prior to your anticipated date. Visit the Academic Advising Center to ensure you are on track.
- Set up an informational interview with an individual (especially an alumnus) currently in the field you aspire to work in.

**APPLY WHAT YOU LEARN**
- Take the actual MCAT, PCAT, DAT or GRE exams and submit applications for Medical, PA, Dental, Pharmacy or Graduate schools or post-baccalaureate programs.
- Continue to present research at the Engaged Scholar Research Symposium or at National conferences such as ABRCMS or SACNAS.

**GLOBAL, CAMPUS & COMMUNITY ENGAGEMENT**
- Identify employers of interest and seek them out at job fairs, online, at on-campus information sessions, staffing agencies, etc. The Career Center can help.
- Before a job interview, schedule a mock interview with the Career Center or speech coaching with the Communication Hauser Lab.

**LIFE AFTER GRADUATION**
- Have you received your acceptance for graduate school or an employment offer? If not, network: talk to faculty, the Career Center, and get on LinkedIn.
- Formulate and implement a strategy for life after graduation: attend career fairs, graduate fairs, apply to fellowships, etc.
- Update your information with Alumni Relations. Enjoy alumni mixers, events and continued access to Career Center services!
- Remember to do your exit loan counseling on studentloans.gov.

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**UTRIO Grande Valley**

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**CAREERS**

- Some areas of Specialization:
  - Biophysics
  - Biochemistry
  - Cellular and molecular biology
  - Genetics
  - Immunology
  - Pathology
  - Pharmacology
  - Physiology
  - Virology
- Colleges/universities
- Professional schools: colleges of pharmacy, dentistry, medicine, veterinary medicine, & agriculture
- Federal government:
  - National Institutes of Health
  - Centers for Disease Control/Prevention
  - Food and Drug Administration
- State and local public health departments
- Clinics and hospitals
- Private research foundations
- Independent laboratories
- Pharmaceutical companies

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For additional info, visit the Career Center website and check out "What Can I Do With This Major?" [www.utrgv.edu/careercenter](http://www.utrgv.edu/careercenter)