Students should pay close attention for two TEP admission deadlines in summer and fall semesters set by OEP. Students must apply to college of education for admission into the TEP program after acquiring junior status (60 hours towards degree plan) with an overall GPA of 2.75, and must have completed 15 semester credit hours in chemistry. Students should have minimum passing score on one of the following exams (may mix and match) THEA, ACT, SAT. Please consult OEP program for minimum scores.

Other pre-requisites for TEP admissions include ENGL 1301, ENGL 1302 with C or better and UTCH 3301 (Learning & Teaching in Math & Science).

After completing UTeach 3303 in spring apply to Apprentice Teaching for fall.

Students must pay close attention to prerequisite course requirements of all chemistry courses. Students must receive a grade of "C" or better in calculus-1 and calculus-2 prior to enrolling in Physical Chemistry courses.

<table>
<thead>
<tr>
<th>Country</th>
<th>ChE 4303</th>
<th>Biochemistry I</th>
<th>CHeM 1313</th>
<th>General Chemistry II</th>
<th>CHeM 1311</th>
<th>General Chemistry I</th>
</tr>
</thead>
</table>

Students receiving the BS Degree in Chemistry with Teacher Certification can continue their academic studies into masters or doctoral programs in Chemistry, can use the degree to find employment as a chemist, or can enter a career as a secondary school teacher of chemistry. The Chemistry degree is certified by the American Chemical Society.
## Blueprint Experiences

### First Year
- UTRGV has a Writing Center and a Learning Center. Make it 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 4.0.
- Take MATH 2413 and MATH 2414 in your first year.
- 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 My Majors.
- 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.

### Second Year
- Complete major foundation classes, such as CHEM 1111/1111; 1112/1122; 2123/2323; 2125/2325.
- Complete ENGL 1301; ENGL 1302 with C or better and UTCH 3301.
- Complete 30 credit hours.
- Apply to the TEP program. Visit www.utrgv.edu/tep for more information.
- Want to explore different careers? Check out MyMajors!
- Come ready with course suggestions and questions when you visit your academic/UTeach advisor.
- Visit the Communication Hausler 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.
- To find undergraduate research opportunities, visit the Engaged Scholarship & Learning Office.
- Consider attending the LeaderShape Institute or attend the Engaged Scholar Symposium.
- Look at study abroad opportunities! Consider going to South America, Europe, Africa or Asia.
- Check out a cultural campus or community event such as Chemistry Major Get Together.
- Join another student organization. Perhaps an organization that aligns with your interest 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.
- Update your resume in Handshake and have it reviewed.
- Visit the Career Center site to find a job fair to attend. At the event, approach a recruiter and discuss internships.
- Will a minor expand your career options? We recommend minor that would help in your career plans or meet a chemistry advisor for guidance.
- Explain to someone how your academic program aligns with your strengths and interests.
- Check out the Chemistry department website or visit the Engaged Scholarship & Learning Office.
- Consider serving on a campus life/community committee or become a student leader and make a difference. Visit Vlink or speak with your Student Government Association for more information!
- Travel the world! Look into study abroad opportunities at Office for International Programs & Partnerships.

### Third Year
- Complete 30 credit hours.
- Have you landed an internship or acquired research experience? This is the year to make it happen.
- “I have a plan for after graduation.” If this describes you, great! If not, visit your Faculty Advisor or Career Center!
- Shoot for a GPA of 4.0.
- Complete at least 30 credit hours to graduate.
- Submit your application(s) for graduate school, an apprenticeship, or for full-time employment.
- Shoot for a GPA of 4.0.
- “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 courses: CHEM 4305, UTCH 4601 and UTCH 4301.
- Complete 30 credit hours.
- Apply for graduation one semester prior to your anticipated date. Visit the Academic Advising Center to ensure you are on track.
- “I have a plan for after graduation.” If this describes you, great! If not, visit your Faculty Advisor or Career Center!
- Engage in an independent study project or teachers preparation internship to complement chemistry teaching, such as Region 4 or local ISD.
- 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.

### Fourth Year AND Beyond
- Continue to present research or creative works at the Engaged Scholar Symposium or at regional ACS meetings or teachers’ related symposia or conferences offered by TEA.
- Set up an informational interview with an individual (especially an alumnus) currently in the field you aspire to work in.
- 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 Hausler Lab.
- Complete at least 30 credit hours to graduate.
- Shoot for a GPA of 4.0.
- Complete 30 credit hours.
- 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!
- 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.
- Remember to do your exit loan counseling on studentloans.gov.

## MILESTONES

<table>
<thead>
<tr>
<th>FIRST YEAR</th>
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<tbody>
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<td>Complete core English classes (section 010) during your first year.</td>
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<td>Complete 30 credit hours every year in order to graduate in 4 years.</td>
</tr>
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<td>Shoot for a GPA of 4.0.</td>
</tr>
<tr>
<td>Take MATH-2413 and MATH-2414 in your first year.</td>
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<tr>
<th>SECOND YEAR</th>
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<tbody>
<tr>
<td>Complete major foundation classes, such as CHEM-1111/1111; 1112/1122; 2123/2323; 2125/2325.</td>
</tr>
<tr>
<td>Complete ENGL-1301; ENGL-1302 with C or better and UTCH-3301.</td>
</tr>
<tr>
<td>Complete 30 credit hours.</td>
</tr>
<tr>
<td>Apply to the TEP program. Visit <a href="http://www.utrgv.edu/tep">www.utrgv.edu/tep</a> for more information.</td>
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<tr>
<th>THIRD YEAR</th>
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<tbody>
<tr>
<td>“I have a plan for after graduation.” If this describes you, great! If not, visit your Faculty Advisor or Career Center!</td>
</tr>
<tr>
<td>Complete at least 30 credit hours to graduate.</td>
</tr>
<tr>
<td>Submit your application(s) for graduate school, an apprenticeship, or for full-time employment.</td>
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<th>FOURTH YEAR AND BEYOND</th>
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<td>Complete 30 credit hours.</td>
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<td>Submit your application(s) for graduate school, an apprenticeship, or for full-time employment.</td>
</tr>
</tbody>
</table>

## Advice & Support

- **Apply What You Learn**
  - Research shows that students who work on campus places to do some job shadowing.
  - Got summer plans? Visit Career Center and ask about places to do some job shadowing.
  - Update your information with Alumni Relations. Enjoy alumni mixers, events and continued access to Career Center services!
  - 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!
  - 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.

- **Global, Campus & Community Engagement**
  - Complete major foundation classes, such as CHEM 1111/1111; 1112/1122; 2123/2323; 2125/2325.
  - Complete ENGL 1301; ENGL 1302 with C or better and UTCH 3301.
  - Complete 30 credit hours.
  - Apply to the TEP program. Visit www.utrgv.edu/tep for more information.
  - Seek out research opportunities within your major and join a professional organization such as American Chemical Society.
  - 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.
  - Go show off your research, service-learning or creative works at the Engaged Scholar Symposium!
  - Sharpen your writing skills! Take an intensive writing course such as ENGL-3351 Creative Writing I or become the secretary for your organization.
  - Consider serving on a campus life/community committee or become a student leader and make a difference. Visit Vlink or speak with your Student Government Association for more information!
  - Travel the world! Look into study abroad opportunities at Office for International Programs & Partnerships.
  - Complete at least 30 credit hours to graduate.
  - Shoot for a GPA of 4.0.

- **Life After Graduation**
  - Update your resume in Handshake and have it reviewed.
  - Visit the Career Center site to find a job fair to attend. At the event, approach a recruiter and discuss internships.
  - Complete major foundation classes, such as CHEM 1111/1111; 1112/1122; 2123/2323; 2125/2325.
  - Complete ENGL 1301; ENGL 1302 with C or better and UTCH 3301.
  - Complete 30 credit hours.
  - Apply to the TEP program. Visit www.utrgv.edu/tep for more information.
  - Seek out research opportunities within your major and join a professional organization such as American Chemical Society.
  - 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.
  - Go show off your research, service-learning or creative works at the Engaged Scholar Symposium!
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  - Consider serving on a campus life/community committee or become a student leader and make a difference. Visit Vlink or speak with your Student Government Association for more information!
  - Travel the world! Look into study abroad opportunities at Office for International Programs & Partnerships.
  - Complete at least 30 credit hours to graduate.
  - Shoot for a GPA of 4.0.

## Careers

- Teaching educational
- Research
- Universities and colleges
- Medical and other professional schools
- Public and private schools, K-12

For additional info, visit the Career Center website and check out “What Can I Do With This Major?” www.utrgv.edu/careercenter