Progression requirements
Admission to the College of Education and P-16 Integration is required for participation in Apprentice Teaching and Seminar (UTCH 4101). Students unable to be admitted to UTCH 4101 and UTCH 4101 will be required to substitute 7 advanced hours, as recommended by advisor.

Graduation requirements
A grade of ‘C’ or better with a GPA of 2.75 or greater is required in all MATH and MATE.

Degree requires 42 advanced hours for the major and 61 advanced hours overall.

INTERDISCIPLINARY STUDIES (BIS)
*Middle School Math 4-8 UTeach
Catalog: 2019-20
COLLEGE OF SCIENCES

Mathematics Majors with Teacher Certification are attractive to the growing demand for teachers in middle schools and elementary schools. A BIS in Middle School Mathematics will prepare the graduate for an exciting and rewarding teaching position and provide the necessary preparation for graduate studies in Mathematics Education.
# BLUEPRINT EXPERIENCES

## MILESTONES
- **First Year**
  - Complete 30 credit hours every year in order to graduate in 4 years.
  - Shoot for a GPA of 3.0.
  - Take MATH 2412 in your first year. See degree plan for options.
- **Second Year**
  - Complete major foundation classes such as MATH 2413. See degree plan for options.
  - Complete 30 credit hours.
  - Apply to the TEP program. Visit www.utrgv.edu/cerp for more information.
- **Third Year**
  - Complete 30 credit hours.
  - Have you landed an internship or acquired research experience? This is the year to make it happen.
- **Fourth Year**
  - Shoot for a GPA of 3.0.
  - “I have a plan for after graduation.” If this describes you, great! If not, visit your Faculty Advisor or Career Center!

## ADVICE & SUPPORT
- **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 Engagement Zone & Learning Office.
  - Participate in a campus-sponsored community service project.
  - Ask a student in class to study with you.
  - 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 3.0.
  - Take MATH 2412 in your first year. See degree plan for options.
- **Second Year**
  - Want to explore different careers? Check out My Majors!
  - Come ready with course suggestions and questions when you visit your academic/UTeach 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.
  - To find undergraduate research opportunities, visit the Engaged Scholarship & Learning Office.
  - Consider attending the LeaderShape Institute or become the secretary for your organization.
- **Third Year**
  - Seek out research opportunities within your major and join a professional organization such as RGVCTM (NCTM RGV Chapter).
  - Check DegreeWorks to make sure you are on track for graduation next year.
  - 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! Visit the Writing Center or become the secretary for your organization.
- **Fourth Year**
  - Engage in an independent study project or an academic internship to complement your major.
  - 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.

## APPLY WHAT YOU LEARN
- **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 3.0.
  - Take MATH 2412 in your first year. See degree plan for options.
- **Second Year**
  - Click here for information on registering for classes.
  - 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 3.0.
  - Take MATH 2412 in your first year. See degree plan for options.
- **Third Year**
  - Want to explore different careers? Check out My Majors!
  - Come ready with course suggestions and questions when you visit your academic/UTeach advisor.
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- **Fourth Year**
  - Engage in an independent study project or an academic internship to complement your major.
  - 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.

## GLOBAL, CAMPUS & COMMUNITY ENGAGEMENT
- **First Year**
  - 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).
  - Attend a departmental program!
  - Join a student organization! Visit VLink (utrgv.edu/vlink) for options.
- **Second Year**
  - Look at study abroad opportunities!
  - Check out a cultural campus or community event such as HESTEC or FESTIBA.
  - Join another student organization. Visit VLink for options.
  - Check out a campus event that offers free lunch/hang out with friends.
- **Third Year**
  - 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.
  - Continue to present research or creative works at the Engaged Scholar Symposium or at RGVCTM conference.
- **Fourth Year**
  - 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
- **First Year**
  - 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 daily job postings.
  - 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? Perhaps something within physics or engineering? Discuss this with your Academic Advisor.
  - Explain to someone how your academic program aligns with your strengths and interests.
- **Second Year**
  - Check out the UTeach career website for postings on career/graduate school.
  - Think about three people you can ask for letters of recommendation (professors, mentors, advisors, supervisors, etc.). Give them at least two weeks’ advance notice!
  - When is the deadline for your graduate school application? Visit the program admissions webpage. Most do not accept late applicants!
- **Third Year**
  - 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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**CAREERS**

- Teaching
- Research
- Higher education administration
- Public and private schools

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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