**Departmental Office Phone Number** 956-665-3451

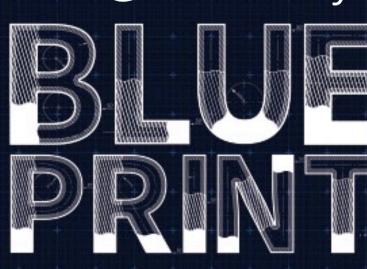
Undergraduate Program Director Dr. Eleftherios Gkioulekas eleftherios.gkioulekas@utrgv.edu

School Associate Director Dr. Jerzy Mogilski jerzy.mogilski@utrgv.edu

**School Director** Dr. Timothy Huber timothy.huber@utrgv.edu

# **Contact Info**

**MATHEMATICS (BS)** \*Economics Catalog: 2018-19 **COLLEGE OF SCIENCES** 



# UTRio Grande Valley

# ЯАЗҮ НТЯ ООЗ

**Additional Info** 

**Graduation requirement** 

or better.

You must complete all these

major course requirements and

all MATH and MATE courses with

grades of 'C' or better and have

with a GPA for the major of 2.5

ECON 4361 Studies in Economics Free Elective XXEX Free Advanced Elective XXEX ECON 3341 Econométrics MTH X3XX Major Advanced Elective toject Project Project

Free Elective XXEX Free Advanced Elective XXEX **Creative Arts** T 920040 ECON 3342 Business & Econ. Forecasting

## **AAAY DAIHT** 2018-2019 ACADEMIC PLAN

Free Elective XXEX -Language, Philosophy & Culture τ əsooy) ECON 3351 Macroeconomic Theory I MATH 3352 Modern Geometry I I 614981A nabom 8368 HTAM

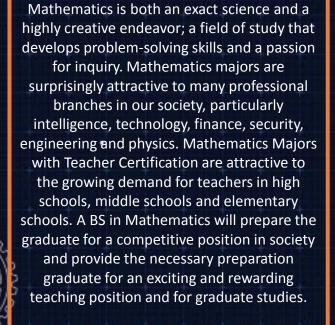
Free Elective XXEX Free Elective XXEX ECON 3352 Microeconomic Theory STAT 3337 Probability and Statistics I sizylenA le9A 2755 HTAM

# **SECOND YEAR**

Choose 1 Life and Physical Sciences Government/Political Science τ əsooy anoiteup3 leitnerential Equations III sulusiaS 2142 HTAN

Choose 1 Life and Physical Sciences Integrative/Experiential Learning τ əsooy Government/Political Science foor9 listifementee Mathematical Proof 916 ATT 343 Intro to Mathematical Software

"Choose 1" Indicates course options. If options are not listed, please review the 2018-19 General Education Core or the degree plan for this major: www.utrgv.edu/degreeplans.



## **Degree Info**

# **AAAY TZAIA**

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)*	II sulusies 4142 HTAM	
۲l	Choose 1 Sourcation	
M		
M	UNIV 1301 Learning Framework	
	ECON 2301 Principles of Macroeconomics	
)*	*Choose 1 Integrative/Experiential Learning	
۲l	Choose 1 American History	
M	I sulusia Calculus I	
M	noitspinummo2 1 esood2	

Courses in red are part of the General Education Core Curriculum (GEC).

\*Choose 1 Social and Behavioral Sciences American History

\*Please review degree plan for course recommendations.

T 92004)

### **FIRST YEAR**

### **SECOND YEAR**

### **THIRD YEAR**

UTRio Grande Valley

				AI
	UTRGV has a Writing Center and a Learning Center.	□Shoot for a GPA of <u>3.5</u> .	$\Box$ Shoot for a GPA of 3.5.	□Shoot for a GPA of 3.
MILESTONES	<ul> <li>UTRGV has a Writing Center and a Learning Center. Make it a point to visit them!</li> <li>Complete your core English classes (section 010) during your first year.</li> <li>Complete 30 credit hours every year in order to graduate in 4 years.</li> <li>Shoot for a GPA of <u>3.5</u>.</li> <li>Take MATH 2412 in your first year.</li> <li>Meet with your academic advisor and bring your orientation folder with you to every session!</li> </ul>	<ul> <li>Complete major foundation classes, such as Math 2413, 2414, and 2415.</li> <li>Take Core Economics courses such as ECON 2301 Principles of Macroeconomics and ECON 2302 Principles of Microeconomics</li> <li>Complete 30 credit hours.</li> <li>Want to explore different careers? Check out MyMajors!</li> </ul>	<ul> <li>Shoot for a GPA of 3.5.</li> <li>Complete 30 credit hours.</li> <li>Have you landed an internship or acquired research experience? This is the year to make it happen. Ask your favorite professor about research opportunities.</li> <li>Enroll in upper level courses for your concentration such as MATH 3343 Introduction to Mathematical Software</li> <li>Seek out research opportunities within your major and join a professional organization such as American</li> </ul>	<ul> <li>Shoot for a GPA of 3.</li> <li>"I have a plan for after great! If not, visit you Register for your Cap</li> <li>Enroll in Senior level such as ECON 4361 S</li> <li>Complete at least 30</li> <li>Submit your applicat apprenticeship, or for for for for for for for for for</li></ul>
ADVICE & SUPPORT	<ul> <li>Choose a major with confidence- Visit my.UTRGV.edu and check out MyMajors.</li> <li>Visit a faculty member during their office hours and ask a question about class.</li> <li>Classes fill up fast. When registration opens, be sure to register on the first day for your group.</li> <li>Cold or flu getting you down? We have Student Health Services on campus with free office visits.</li> </ul>	<ul> <li>Come ready with course suggestions and questions when you visit your academic advisor.</li> <li>Visit the Communication Hauser Lab for help with your presentations, especially capstone presentations.</li> <li>Trouble making your tuition payment? The Financial Aid Office can help. Payment plans and emergency loans are also available</li> </ul>	<ul> <li>Mathematical Society.</li> <li>Check DegreeWorks to make sure you are on track for graduation next year.</li> <li>Apply for internship and/or job shadowing opportunities. Discuss this with your advisor, faculty mentor, or Career Center.</li> <li>Look for future scholarships and fellowships to apply for during the fall of your senior year. Visit utrgv.edu/cstem.</li> </ul>	<ul> <li>Apply for graduation date. Visit your advis</li> <li>Ask the Career Center on your resume, cov documents.</li> <li>Consider applying fo start either type of g Mathematics.</li> </ul>
APPLY WHAT YOU LEARN	<ul> <li>Look for a service-learning course! For guidance, visit Engaged Scholarship &amp; Learning Office.</li> <li>Participate in a campus-sponsored community service project.</li> <li>Ask a student in class to study with you.</li> </ul>	<ul> <li>To find undergraduate research opportunities, visit the Engaged Scholarship &amp; Learning Office.</li> <li>Consider attending the LeaderShape Institute or attend the Engaged Scholar Symposium.</li> </ul>	<ul> <li>Go show off your research, service-learning or creative works at the Engaged Scholar Symposium!</li> <li>Sharpen your writing skills! Take proof-rich courses beginning with MATH 3350, Introduction to Mathematical Proof Writing, or become the secretary for your organization.</li> </ul>	□Continue to present Engaged Scholar Sym of the Society for Ind American Mathemat □Set up an informatio (especially an alumn
GLOBAL, CAMPUS & COMMUNITY ENGAGEMENT	<ul> <li>Set up your profile on the Engagement Zone through My.UTRGV.edu.</li> <li>Attend a diversity based campus or community event (e.g. MLK Day of Service).</li> <li>Attend a School Colloquium or Departmental seminar, and drop by your favorite professor's office to talk about research opportunities.</li> <li>Join a student organization! Consider looking into Society for Industrial and Applied Mathematics (SIAM) or visit VLink (utrgv.edu/vlink) for other options.</li> </ul>	<ul> <li>Look at study abroad opportunities or consider applying to UT-LSAMP or other internal or external summer research projects. Click on Student resources at http://www.utrgv.edu/cstem/</li> <li>Check out a cultural campus or community event such as HESTEC or FESTIBA.</li> <li>Join another student organization. Perhaps the Society for the Advancement of Chicanos/Hispanics &amp; Native Americans in Science (SACNAS) or visit VLink for options.</li> <li>Check out a campus event that offers free lunch- bring a friend!</li> </ul>	<ul> <li>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!</li> <li>Engage in outreach programs to local schools to complement your major. Consider joining the Experimental Algebra and Geometry group and participating in their outreach program.</li> <li>Travel the world! Look into study abroad opportunities at Office for International Programs &amp; Partnerships.</li> </ul>	work in. Ildentify employers o online, at on-campus etc. The Career Cente Before a job interview Career Center or spe Hauser Lab. Ask your favorite pro advice and to review
LIFE AFTER GRADUATION	<ul> <li>Create a résumé and set up your profile on the Handshake icon: (My.UTRGV.edu).</li> <li>Got summer plans? Visit Career Center and ask about places to do some job shadowing.</li> <li>Research shows that students who work on campus perform better than those who work off campus. Look for a job on Handshake!</li> <li>Check your UTRGV email for the daily Messenger- locate and attend one student workshop.</li> </ul>	<ul> <li>Update your resume in Handshake and have it reviewed.</li> <li>Visit the Career Center site to find a job fair to attend. At the event, approach a recruiter and discuss internships.</li> <li>Will a minor expand your career options? We recommend_Computer Science, Physics, or Engineering.</li> <li>Explain to someone how your academic program aligns with your strengths and interests.</li> </ul>	<ul> <li>Check out the Center for Excellence in STEM program department website for postings on career/graduate school. Click on Student resources at http://www.utrgv.edu/cstem/</li> <li>Think about three people you can ask for letters of recommendation (professors, mentors, advisors, supervisors, etc.). Give them at least two weeks' advance notice!</li> <li>When is the deadline for your graduate school application? Most schools require you to apply a year in advance and to take the GRE exam. Visiting the program admissions webpage. Most do not accept late applicants!</li> </ul>	<ul> <li>Have you received you employment offer? I Center, and get on Li</li> <li>Formulate and imple attend career fairs, g</li> <li>Update your informative mixers, events and conservices!</li> <li>Remember to do you studentloans.gov.</li> </ul>



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## **FOURTH YEAR** AND BEYOND s.00.

- ter graduation." If this describes you, ur Faculty Advisor or Career Center!
- pstone project: MATH 4390 Math Project.
- courses in Mathematics and Economics Studies in Economics
- credit hours to graduate.
- tion(s) for graduate school in the fall, an or fulltime employment. with your faculty mentor or advisor that t, finances, and other life goals.
- one semester prior to your anticipated sor to ensure you are on track.
- er and your faculty mentors for feedback ver letters, and other job application
- or a Masters of Doctoral Program. You can graduate degree with your BS in
- research or creative works at the nposium or at State or National meetings dustrial and Applied Mathematics and the tical Society.
- onal interview with an individual uus) currently in the field you aspire to
- of interest and seek them out at job fairs, s information sessions, staffing agencies, er can help.
- w, schedule a mock interview with the eech coaching with the Communication
- ofessor or faculty mentor for career vyour application materials.
- our acceptance for graduate school or an If not, network: talk to faculty, the Career inkedIn.
- ement a strategy for life after graduation: graduate fairs, apply to fellowships, etc.
- ation with Alumni Relations. Enjoy alumni continued access to Career Center
- ur exit loan counseling on

## CAREERS

- Buying
- Purchasing
- Industrial sales
- Consumer product sales
- Financial services sales
- Services sales
- Advertising sales
- E-commerce
- **Customer service**
- Sales management: District, regional, and higher

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