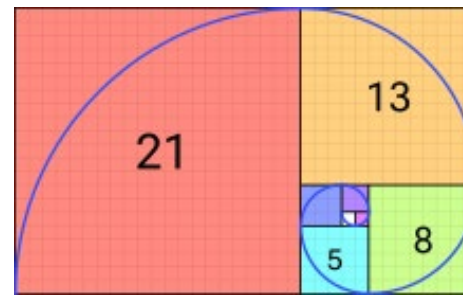










University of Houston-Downtown  
**College of Sciences & Technology**  
**MAJOR MAPS**

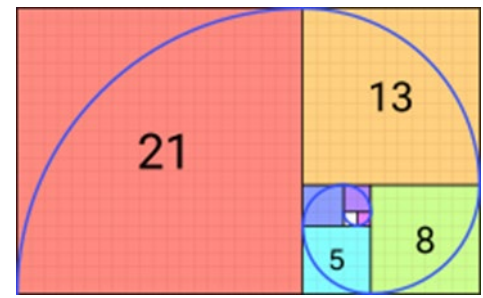
Bachelor of Science Degree in  
**MATHEMATICS**



**FRESHMAN      SOPHOMORE      JUNIOR      SENIOR**

<p><b>TAKE THE RIGHT CLASSES</b>          (SUCCESS MARKERS)</p> 	<p>Begin with your Core Curriculum Courses. Enroll in MATH 2401 in your first semester and MATH 2402 in your second semester.</p>	<p>Continue taking Core Curriculum Courses. Enroll in MATH 2307, 2403 &amp; 2409.</p>	<p>Ensure you are taking a good mix of upper-level Mathematics courses, and you must take MATH 3306 &amp; 3307.</p>	<p>Take 3000 and 4000-level MATH courses. Take MATH 4395. Don't forget to register for graduation!</p>
<p><b>TALK TO YOUR ADVISOR</b></p> 	<p>Meet with your college advisor in the CST before registration.</p>	<p>Meet with your college advisor. Make sure you are taking pre-requisite courses for upper-level Mathematics courses.</p>	<p>Meet with your college advisor. Talk to faculty for MATH 4395 Senior Project opportunities.</p>	<p>Meet with your college advisor and review your graduation audit once you reach 90 credit hours.</p>
<p><b>YOUR MAJOR IN ACTION</b></p> 	<p>Get to know your faculty. Take part in professional development opportunities in the College.</p>	<p>Find a peer and/or faculty mentor. Continue to engage by attending Mathematics events on campus.</p>	<p>Seek out courses and opportunities that fit your career aspirations. Talk to faculty and advisors about how to engage in this career field.</p>	<p>Continue to take courses and engage in professional development to build the skill set needed for your future career.</p>
<p><b>GET INVOLVED</b></p> 	<p>You can join the several different clubs as a freshman, including the Math Club.</p>	<p>If you haven't joined yet, get involved in a student organization. Begin building your resume. Look for work-study opportunities.</p>	<p>Participate in job fairs, recruiting events, and other networking events.</p>	<p>Continue to engage in campus activities. Join a student organization if you haven't already. Stay involved!</p>
<p><b>GET HIP</b>          (HIGH IMPACT PRACTICES)</p> 	<p>Seek out course sections that are A+CE designated or designated as service learning.</p>	<p>Begin to obtain career advising in the Department. Look into undergraduate research opportunities.</p>	<p>Utilize UHD's career resources and career advising in Mathematics. Apply for undergraduate research or internship opportunities.</p>	<p>Seek out volunteer opportunities that fit your career aspirations. Maximize your degree impact.</p>
<p><b>LIFE AFTER GRADUATION</b></p> 	<p>While you are now at the beginning, keep the finish line in sight!</p>	<p>Think about your career opportunities.</p>	<p>Plan your course plan around your career goals.</p>	<p>Seek department career advising. Apply for jobs. The process may be lengthy.</p>

- Actuary
- High School Teacher
- Research Analyst
- Financial Analyst
- College Math Professor



Bachelor of Science Degree in  
MATHEMATICS

COLLEGE OF  
SCIENCES & TECHNOLOGY

College of Science & Technology

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TOP 10 SKILLS  
employers look for:

- Ability to work in a team Structure
- Ability to make decisions and solve problems
- Ability to verbally communicate with persons inside and outside the organization
- Ability to obtain and process information
- Ability to analyze quantitative data
- Technical knowledge related to the job
- Proficiency with computer software programs
- Ability to create and/or edit written reports
- Ability to sell or influence others



*Jobs4Gators is the Main Career Center's online system that gives you direct access to find full-time, part-time and internship positions. Visit Jobs4Gators at: [https://uhd-csm.symplicity.com/students/?signin\\_tab=0](https://uhd-csm.symplicity.com/students/?signin_tab=0) where you can get your resume reviewed, request appointments with your career coach, RSVP for career events and job fairs, and much more. Launch your career plans with Jobs4Gators today.*

CHECKLIST  
FOR SUCCESS:

- Create a Job Mine Account
- Check in with your advisor
- Review your degree plan to stay on track
- Attend science workshops and seminars
- Visit the Student Engagement & Leadership Center
- Seek out career advising.
- \_\_\_\_\_
- \_\_\_\_\_
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Notes: \_\_\_\_\_