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

Bachelor of Science Degree in
DATA SCIENCE

Prepare for CAREER SUCCESS

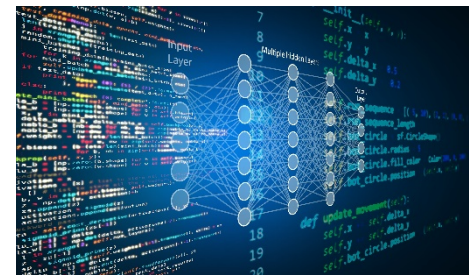|	FRESHMAN	SOPHOMORE	JUNIOR	SENIOR
TAKE THE RIGHT CLASSES (SUCCESS MARKERS)	Begin with your Core Curriculum Courses. Take your introductory math, computer science classes and complete some of your required courses.	Continue taking Core Curriculum Courses. Get started with data science and stats: take DATA 2401 and STAT 3333.	Ensure you are taking a useful mix of upper-level DATA, STAT and MATH courses, and make sure you have all the core curriculum completed.	Take 3000 and 4000-level DATA, STAT and MATH courses. Take DATA 4395 (contact a potential faculty/advisor before the semester starts). Register for graduation!
TALK TO YOUR ADVISOR	Meet with your CST advisor before registration, in OMB N725. Take advantage of enrollment events!	Meet with your college advisor. Make sure you are taking pre-requisite courses for upper-level data science, statistics and math courses.	Meet with your college advisor. Talk to faculty for Undergraduate Research opportunities and look for internship opportunities	Meet with your college advisor and review your graduation audit once you reach 90 credit hours.
YOUR MAJOR IN ACTION	Get to know your faculty. Take part in professional development opportunities in the College.	Find a peer and/or faculty mentor. Continue to engage by attending MS and CST events on campus.	Explore courses and opportunities that fit your career aspirations. Talk to faculty and advisors about how to engage in this career field.	Continue to take courses and engage in professional development to build the skill set needed for your future career.
GET INVOLVED	You can join the several different clubs as a freshman, including the Math Club or ACM UHD Student Chapter	Get involved with student organization that match your interests. Begin building your resume and look for work-study opportunities.	Participate in job fairs, recruiting events, and other networking events. Ask the career center to review your resume.	Stay involved! Mentor other students through your organizational experience, take leadership roles.
GET HIP (HIGH IMPACT PRACTICES)	Seek out course sections that are A+CE designated or designated as service learning.	Get career advising. Look into undergraduate research a faculty, study abroad, or internship opportunities.	Utilize UHD's career resources and advising in Data Science. Apply for research or internship opportunities.	Seek out volunteer opportunities that fit your career aspirations. Maximize your degree impact.
LIFE AFTER GRADUATION	While you are now at the beginning, keep the finish line in sight!	Think about your career focus. Begin summer internships applications. Data Science has diverse domains.	Plan your electives around your career goals and data science domain focus. Talk to faculty or mentors for help.	Start applying for jobs and talking to your peers or mentors about interviews preparations.

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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

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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 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: _____