



MAJOR DEGREE MAP

Mathematics BS Applied & Computational Concentration

Name _____

ID _____

YEAR 1

FALL

ENL 101 (US 1A)

CAS 101 (US 1E)

MTH 151 (US1D)

MTH 181

PHY 113

SPRING

ENL 102 (US 1B)

MTH 152

MTH 182

PHY 114 (US 2A)

YEAR 2

FALL

MTH 211

MTH 221

PHY 115 (US 2B)

US3A _____

US4B _____

SPRING

MTH 212

MTH 280

US 4A _____

Vis/Prf Arts (US 3B) _____

Free Elec _____

YEAR 3

FALL

MTH 361

MTH 300/400 Elec _____

MTH 300/400 Elec _____

US 4C _____

Free Elec _____

SPRING

MTH 362

MTH 473

Science Elec _____

Free Elec _____

Free Elec _____

YEAR 4

FALL

MTH 472

MTH 440 (US 5B)

Free Elec _____

Free Elec _____

Free Elec _____

SPRING

MTH 472 (US 5A)

MTH 300/400 Elec _____

Free Elec _____

Free Elec _____

Free Elec _____

Name _____

ID _____

	ACADEMIC	ENGAGEMENT	CAREER
YEAR 2	Explore minors or a second major Explore pre-professional pathways in law, health or teaching Earn at least 30 credits	Get Involved! Volunteer and join a club that you enjoy Join Math related activities Attend university extracurricular events encouraged by CAS 101	Visit the Career Center to identify values, interests, and skills and potential career paths Create a college appropriate resume Create a Handshake Account
YEAR 2	Declare a minor or second major Review and understand the major graduation requirements Earn at least 30 credits for a total of 60 credits	Seek out campus opportunities for relevant work including peer tutoring and mentoring and work-study Meet with your advisor about opportunities to study abroad Consider volunteering with local organizations or non-profits	Create a LinkedIn or other accounts on industry specific platforms Update your resume and develop your draft cover letter Apply for a summer research experience or internship in mathematics
YEAR 2	Take advanced courses in your major Review requirements for graduation Earn at least 30 credits for a total of 90 credits	Seek a leadership position(s) with a student organization Arrange for opportunities to engage in research or creative experiences	Attend Career Fair(s) and other career-related events Participate in an internship (credit or non credit) If interested, research graduate school programs and requirements
YEAR 2	Complete the major Capstone course Apply for graduation Earn at least 30 more credits to meet the 120 credits	Complete student-faculty research or creative endeavor project Apply to present your work at an on or off campus event.	Practice skills by doing at least 2 mock interviews and getting feedback Meet with faculty or advisors for letters of recommendation Take graduate entrance exams and complete applications or Apply for your first career!