Upper Level Undergraduate Math Courses – Projected Schedule

	Fall	Spring
2021-2022	MATH 311W Concepts of Discrete Mathematics MATH 318[s] Elementary Probability STAT 401[#] Experimental Methods MATH 425 Introduction to Operations Research MATH 430 Linear Algebra and Discrete Models I MATH 435 Basic Abstract Algebra MATH 475Y History of Mathematics MATH 485[g,s] Graph Theory **(offered in odd falls)**	MATH 318[s] Elementary Probability STAT 401[#] Experimental Methods MATH 401 Introduction to Analysis I MATH 427[g] Foundations of Geometry MATH 455[s] Introduction to Numerical Analysis I MATH 448[g,s] Mathematics of Finance **(offered in even springs)** MATH 468[g,s] Mathematical Coding Theory **(special elective)**
2022-2023	MATH 311W Concepts of Discrete Mathematics MATH 318[s] Elementary Probability STAT 401[#] Experimental Methods MATH 425 Introduction to Operations Research MATH 430 Linear Algebra and Discrete Models I MATH 435 Basic Abstract Algebra MATH 475Y History of Mathematics MATH 410[g,s] Complex Analysis for Mathematics and Engineering **(offered in even falls)** STAT 462[g,s] Applied Regression Analysis **(special elective)**	MATH 318[s] Elementary Probability STAT 401[#] Experimental Methods MATH 401 Introduction to Analysis I MATH 427[g] Foundations of Geometry MATH 455[s] Introduction to Numerical Analysis I MATH 465[g,s] Number Theory **(offered in odd springs)**
2023-2024	MATH 311W Concepts of Discrete Mathematics MATH 318[s] Elementary Probability STAT 401[#] Experimental Methods MATH 425 Introduction to Operations Research MATH 430 Linear Algebra and Discrete Models I MATH 435 Basic Abstract Algebra MATH 475Y History of Mathematics MATH 485[g,s] Graph Theory **(offered in odd falls)**	MATH 318[s] Elementary Probability STAT 401[#] Experimental Methods MATH 401 Introduction to Analysis I MATH 427[g] Foundations of Geometry MATH 455[s] Introduction to Numerical Analysis I MATH 448[g,s] Mathematics of Finance **(offered in even springs)**
2024-2025	MATH 311W Concepts of Discrete Mathematics MATH 318[s] Elementary Probability STAT 401[#] Experimental Methods MATH 425 Introduction to Operations Research MATH 430 Linear Algebra and Discrete Models I MATH 435 Basic Abstract Algebra MATH 475Y History of Mathematics MATH 410[g,s] Complex Analysis for Mathematics and Engineering **(offered in even falls)**	MATH 318[s] Elementary Probability STAT 401[#] Experimental Methods MATH 401 Introduction to Analysis I MATH 427[g] Foundations of Geometry MATH 455[s] Introduction to Numerical Analysis I MATH 465[g,s] Number Theory **(offered in odd springs)**

Note: This schedule is subject to change, especially elective courses. An elective course may be subject to cancellation in a particular semester in the event of low course enrollment. Other adjustments (additions, deletions, replacements) are possible in response to curricular changes, changes in personnel, or changes of projected interest. Please consult with your adviser to identify or confirm which courses may or may not meet certain requirements in your program.

g-This course will satisfy one of the technical electives (300/400 math classes) required for the math general option. Note: The general option requires 18 credits (six 3 credit courses) of technical electives. Full time students in this option are strongly advised to take at least one technical elective course per semester starting their junior year.

s-This course may be used to satisfy the technical elective requirement (three credits of 300/400 course(s) in mathematics, computer science, statistics, or education) for the math secondary education option.

#-For students in the math general option or math secondary education option, STAT 401 will replace STAT 301. STAT 301 is being phased out and last ran in spring 2020. [Note: This replacement applies specifically to the STAT 301 requirement within the math program. This replacement does not apply to the requirements within the computer science program.] Please consult your adviser.