APPLIED MATHEMATICS, ACCELERATED BS/MS

This is an accelerated BS/MS program. By completing the program successfully, a student will earn the baccalaureate degree after four years and the master's degree after five years. During the third year of the baccalaureate degree, a student will formally apply to the program through the Graduate School. Upon acceptance, the student will be cleared to complete the remaining electives of the baccalaureate degree and 30 credits of graduate coursework for the master's degree in the last two years. Up to nine credits of approved graduate coursework will count toward both the baccalaureate and the master's degrees.

Graduate work will include the following courses:

Code	Title	Hours
MATH:621	Real Analysis	3
MATH:627	Advanced Numerical Analysis I	3
MATH:633	Methods of Applied Mathematics I	3
MATH:692	Seminar in Mathematics	3
MATH:699	Master's Thesis (Non-thesis option is not available)	3
Select at least one of the following:		3
MATH:625	Analytic Function Theory	
MATH:628	Advanced Numerical Analysis II	
MATH:632	Advanced Partial Differential Equations	
Select at least two of the following:		6
MATH:634	Methods of Applied Mathematics II	
MATH:635	Optimization	
MATH:730	Advanced Numerical Solution of Partial Differential Equations	
Select six elective credits		6
Total Hours		**30**

A student must maintain a 3.0 or better grade point average to stay in the program. If a student is not able to do this, then they will have the option to complete the regular bachelor's degree program instead of the five-year accelerated plan.