B.S. Degree in Mathematics: Dual Degree Sequence
BS.MTH

Description:
This sequence permits students to complete a primary major in one discipline and then to complete requirement for a second, “dual,” in mathematics. Students could graduate with both degrees simultaneously or, if necessary, graduate with the primary degree in one semester and complete the remaining dual degree requirements within one year. The requirements for the dual degree include 30 semester credit hours of mathematics as outlined below. Students must complete a minimum of 30 credit hours of courses above the minimum total of 120 hours required for the primary degree. Thus the minimum requirement for the two degrees is 150 credit hours.

Specific Requirements:
Complete Primary Degree Requirement (Minimum of 120 hrs)
Dual Math Requirements (30 hrs): MTH 184, 251, 252, 300, 351, 372, 373 (or 310) plus 6 hours of mathematics electives selected from MTH 310, 331, 352, 373, 382, 384, 401, 431, 451, 473, 484
Supplementary Electives: Additional electives, if necessary, to assure completion of a minimum of 150 credit hours for the total of both degrees.

Curriculum Outline:

I. COMPLETE PRIMAY DEGREE REQUIREMENTS (Minimum of 120 Semester Hours)

II. COMPLETE DUAL MATHEMATICS REQUIREMENTS (30 Semester Hours)
   MTH 184, Calculus I 4
   MTH 251, Calculus II 4
   MTH 252, Calculus III 4
   MTH 300, Linear Algebra 3
   MTH 351, Probability & Statistics I 3
   MTH 372, Differential Equations 3
   (or MTH 310, Discrete Mathematics)
   Mathematics Electives 6
   (Take 3 hrs. from: MTH 310,331,352,382,384; and take 3 hrs. from: MTH 401,431,451,473,484)

III COMPLETE 150-HOUR MINIMUM REQUIREMENT
Take additional hours, if needed, to assure the completion of a minimum of 150 semester hours for both degrees.
TOTAL FOR DUAL DEGREE: A minimum of 150 hours