Students completing the B.A./B.S. major in mathematics will have

(1) Proficiency with the calculational techniques and applications of calculus; The ability to use the definition of limit to show that limits do or do not exist, and that derivatives do or do not exist.

(2) Exposure to the breadth of mathematics, including familiarity with linear algebra and basic analysis, obtained by taking courses across a broad spectrum of mathematical disciplines.

(3) The ability to read and write mathematical proofs, producing arguments that are logically and syntactically correct.

(4) An understanding of some area of undergraduate mathematics in depth.

Students completing the B.A./B.S. major in mathematics via the secondary education track will also have obtained

(5) The skills to pass the licensure exam in mathematics.