Department/Program: MATHEMATICS

- Undergraduate Students will compare favorably with others nationally in their ability to understand abstract mathematical concepts and construct rigorous mathematical arguments.
- Students will be able to construct mathematical descriptions of real problems and develop their consequences.
- Seniors who plan to attend graduate school will be accepted to a good graduate program.
- Supported Master’s degree students will continue their education in a doctoral program.
- Students in the M.A. program will obtain employment in secondary education upon graduation.
- Doctoral students will: obtain academic positions at the college/university level or obtain positions in industry, business or government that utilize their mathematical training.

Department/Program: BIOLOGY and BIOCHEMISTRY

- Graduating Biology majors will display mastery of major concepts in Biology.
- Graduating Biochemistry majors will display mastery of major concepts in Biochemistry.
- Graduating Biology Majors will display understanding of the scientific method.
- Graduating Biochemistry Majors will display understanding of scientific method.
- Biology majors will display mastery of scientific method when conducting experimental laboratory studies.
- Biochemistry majors will display mastery of scientific method when conducting experimental laboratory studies.
- Biology majors will demonstrate proficiency in writing scientific papers based on experimental laboratory studies.
- Biochemistry majors will demonstrate proficiency in writing scientific papers based on experimental laboratory studies.
- Graduating doctoral students will display mastery of literature and methodology in their specialty areas of Biology or Biochemistry and will have completed publishable research projects and will be prepared for postdoctoral research work.

Department/Program: CHEMISTRY

- Students will be able to distinguish between three categories of matter (element, compound and mixture) according to their macroscopic and nanoscale properties and to assign substances correctly to their categories.
- Students will understand and apply the mass laws (mass conservation, definite composition and multiple proportions) to chemical compounds and reactions.
- MFT covers all the four areas of Chemistry plus some biochemistry.
Department/Program: Computer Science

- Computer science seniors will be able to demonstrate baccalaureate-level knowledge of computer science.
- Graduates will be able to pursue advanced studies.
- Graduates will be able to find jobs