At the completion of the Biomedical Engineering major, the graduate is able to:

1. Apply knowledge of mathematics, science, and engineering to solve problems encountered in the biomedical field.
2. Design and conduct experiments; analyze and interpret data.
3. Design a system component or process to meet desired needs with realistic constraints.
4. Function on multi-disciplinary teams.
5. Identify, formulate, and solve engineering problems.
6. Understand professional and ethical responsibility.
7. Convey technical information in written and oral form to technical and non-technical persons.
8. Understand the impact of engineering solutions on people, cultures and environments.
9. Recognize need for and ability to engage in life-long learning.
10. Knowledge of contemporary issues.
11. Ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.