The UPRM Civil Engineering Program’s Annual Enrollment and Graduation Data is as follows:

![Civil Engineering Program Annual Student Enrollment & Graduation Data](image)

The UPRM Surveying & Topography Program’s Annual Enrollment and Graduation Data is as follows:

![Surveying and Topography Program Annual Student Enrollment & Graduation Data](image)
The Program Educational Objectives (PEOs) and Student Outcomes (SOs) are:

**Program Educational Objectives:**

After their graduation from UPRM, our Civil Engineering...

1. Graduates will meet the expectations of employers of Civil Engineers.
2. Qualified graduates will pursue advanced studies if they so desire.
3. Graduates will assume/undertake leadership roles in their communities, as well as in their profession.

**Student Outcomes:**

By the time of their graduation, our students will have developed:

1. An ability to identify, formulate, and solve complex engineering problems by applying principles of engineering, science, and mathematics.
2. An ability to apply engineering design to produce solutions that meet specified needs with consideration of public health, safety, and welfare, as well as global, cultural, social, environmental, and economic factors.
3. An ability to communicate effectively with a range of audiences.
4. An ability to recognize ethical and professional responsibilities in engineering situations and make informed judgments, which must consider the impact of engineering solutions in global, economic, environmental, and societal contexts.
5. An ability to function effectively on a team whose members together provide leadership, create a collaborative and inclusive environment, establish goals, plan tasks, and meet objectives.
6. An ability to develop and conduct appropriate experimentation, analyze and interpret data, and use engineering judgment to draw conclusions.
7. An ability to acquire and apply new knowledge as needed, using appropriate learning strategies.
The Program Educational Objectives (PEOs) and Student Outcomes (SOs) are:

**Program Educational Objectives:**

After their graduation from UPRM, our Surveying and Topography…

1. Graduates will meet the expectations of employers of Land Surveyors.
2. Qualified graduates will pursue advanced studies if they so desire.
3. Graduates will assume/undertake leadership roles in their communities, as well as in their profession.

**Student Outcomes:**

By the time of their graduation, our students will have developed:

1. An ability to identify, formulate, and solve broadly defined technical or scientific problems by applying knowledge of mathematics and science and/or technical topics to areas relevant to the discipline.
2. An ability to formulate or design a system, process, procedure or program to meet desired needs.
3. An ability to develop and conduct experiments or test hypotheses, analyze and interpret data and use scientific judgment to draw conclusions.
4. An ability to communicate effectively with a range of audiences.
5. An ability to understand ethical and professional responsibilities and the impact of technical and/or scientific solutions in global, economic, environmental, and societal contexts.
6. An ability to function effectively on teams that establish goals, plan tasks, meet deadlines, and analyze risk and uncertainty.