**TRANSCRIPT – BS. ELECTRICAL AND ELECTRONICS ENGINEERING**

The Engineering Department offers Bachelor of Science and Master of Science degrees in Electrical and Electronics Engineering. Through our BS/MS program, students can use up to 12 credits or 4 courses from their Bachelor degree program requirements, toward the Master of Science degree, in either Electronics Engineering or Materials Science and Engineering.

Effectively, this allows students to achieve the Master of Science degree in as little as 5 years. The 128-credit Bachelor of Science degree program provides a sound foundation in the analysis and design of Electrical Systems.

In completing the undergraduate EEE program, students can gain an advanced understanding of techniques in simulation, measurement, and analysis.

EEE students learn about Electronic Components and Systems, Communication Systems, Electronic Control and Automation, Electronic Materials, and Electromagnetism.

The EEE program also provides opportunities to study professional ethics and to explore the impacts of Engineering solutions in a societal context.

Finally, Electrical and Electronics Engineering program students may augment their core curriculum, by selecting 4 technical course electives. This tailors their education and preparation for careers in areas such as Bioengineering and Medicine, Nanotechnology, Microelectronic Systems, Robotics and Automation, Materials Science, or Photonics.