

Minor Changes to the Bachelor of Science in Electrical Engineering

Passed unanimously by UGSC – 9/25/2018

- Consolidation of *ECE 211 Circuit Analysis I*, *ECE 213 Circuit Analysis II*, *ECE 311 Engineering Electronics*, and *ECE 312 Electronics Circuits* is part of an effort by the ECE to restructure our BS curricula to position our students to be competitive in research and industry careers by
- creating program flexibility and program tracks with a balance between wider breadth of knowledge and strong foundation in core areas;
- providing an effective learning experience to students consistent with their interest and potential; and
- upgrading our undergraduate program consistent with advances in Electrical and Computer Engineering and being more competitive with peer universities in a timely fashion.

In short, changes are as follows:

- **ECE 211, ECE 213, and ECE 311 course contents are revised to remove any redundancy and cover the important topics from ECE 312.**
- **ECE 312 (4 hours) was therefore eliminated in the BS EE and is now replaced by a Free Elective (3 hours).**
- The range of total credit hours is thus reduced from 131-134 to 130-133.