Bachelor of Science in Electrical Engineering (Fall 2017 and after)

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**Electrical Engineering Electives Options:**
- CDA 4630 Intro. to Embedded Systems
- EEE 4340 Digital Electronics
- EEL 4216 Electric Power Systems
- EEL 4220 Electrical Machines
- EEL 4281 Photovoltaic Power Systems
- EEL 4360C High Frequency Amplifier Design
- EEL 4421 RF Devices and Circuits
- EEL 4433C RF and Microwave Lab
- EEL 4436C Microwave Engineering
- EEL 4461 Intro to Antennas
- EEL 4478 Electromagnetic Compatibility
- EEL 4519 Telecommunication Engineering
- CDA 4210 Introduction to VLSI

**Technical Electives Options:**
- EGN 3343 Eng. Thermodynamics
- EGN 3311 Statics
- IDS 3949 Co-Op/Internship
- COP 3014 Found. of Comp. Science
- COP 3530 Data Structures & Algorithms
- COP 3813 Intro to Internet Computing
- CEN 4210 Structured Computer Architecture
- CDA 4210 Software-Hardware Co-design

**Math Electives Options:**
- MAS 3203 Introductory Number Theory
- MAS 2103 Matrix Theory
- MAD 2104 Discrete Math

All electives must be approved by your Academic Advisor.

† Students who do not take EGN 1002 prior to earning 30 credits must replace it with an Electrical Engineering Elective.

**OTHER REQUIREMENTS:**
- At least 128 credits total.
- At least 45 credits at senior institution.
- At least 53 (25%) upper division EE credits from FAU.

Foreign Language Admission Requirement
- A GRADE OF “C” OR BETTER IS REQUIRED IN ALL CORE & MATH/SCIENCE COURSES.

This flowchart is reviewed periodically and is subject to change as new requirements become necessary to educate engineers. The information is intended to inform and is not a replacement for a degree audit conducted with an academic advisor.