Bachelor of Science in Electrical Engineering

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Electrical Engineering Elective (3)
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Electrical Engineering Elective Options:
- EEE 4340 Digital Electronics
- EEL 4216 Electric Power Systems
- EEL 4220 Electrical Machines
- EEL 4281 Photovoltaic Power Systems
- EEL 4306C 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
- EEL 4905 Directed Indep. Study (3 crs)
- EEL 4930 Special Topics

Technical Elective Options:
- EGN 3343 Eng. Thermodynamics
- EGN 3311 Statics
- EEL 4949 Co-Op/Internship (3 sem. of 1 Cr)
- COP 3014 & L Foundation of Comp. Science & Lab
- COP 3530 Data Structures & Algorithms*
- COP 3813 Intro. to Internet Computing
- CDA 4102 Structured Computer Architecture
- CDA 4630 Intro. to Embedded Systems

Math Elective Options:
- MAA 4200 Modern Analysis
- MAS 4301 Modern Algebra
- MAS 3203 Introductory Number Theory
- MAS 2103 Matrix Theory

* Pre-requisite COP3014/L and MAD2104

All electives must be approved by your Academic Advisor

OTHER REQUIREMENTS:
- At least 128 credits total.
- At least 45 credits at senior institution.
- At least 32 upper division EE credits from FAU.

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

College Writing ENC 1101 (WAC) (3)
College Writing ENC 1102 (WAC) (3)
Foundations of Society and Human Behavior (3)
Foundations in Global Citizenship (GP) (3)
Foundations of Humanities (WAC) (3)

Legend:
Pre-Requisite
Pre- or Co-
Spring Only
Science & Math
Core Courses
Engineering Fund. Courses
IPF Requirements

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.

Rev 9/16