Bachelor of Science in Electrical Engineering 2024-2025

Electric Power Engineering Concentration

Sem. 1 - Fall
- MA1160/61 (4/5) Calculus I
- EN1101 (3) Engnr Analysis
  Optional: Enterprise participation
  ENT1960(1)

Sem. 2 - Spring
- MA2160 (4) Calculus II
- EN1102 (3) MODEL & DESGN
- PH1100 (1) Physics I Lab
- PH151 (1) Univ Chem I Lab

Sem. 3 - Fall
- MA1160(c) Calculus I
- MA2160 (4) Calculus II
- ENG1102 (3) MODEL & DESGN

Sem. 4 - Spring
- MA2321(2) Accelerated Linear Alg Track A
  Pre-req: Co-register
- CS1111 (3) Intro C/C++ Programming
  Fall only

Sem. 5 - Fall
- EE3171 Microcontroller Apps and Lab
- EE3160 (3) Signals & Systems
- EE3180 (3) Intro Probability & Random Sig. Anal.
- EE3120 (3) Electric Energy Systems
- EE3190 (3) Electromagnetics

Sem. 6 - Spring
- EE4221 (3) Power Anal. I Fall Only
- EE4222 (3) Power Engg Lab

Decide: Enterprise or Senior Design or EPS

Sem. 7 - Fall
- ENT3950(1)
- ENT3960(1)
- ENT4950(2)
- ENT4960(2)

Sem. 8 - Spring
- ENT4901 (2)**** EE Design 1
- ENT4910 (2)**** EE Design 2

May use ENT3950,3960, and/or CH1153:

Choose at least 6 credits of 3000-4999 HASS.

- HASS Social Behavioral Sci (3)
- HASS HU,FA (3)
- HASS Comm/ Composition (3)
- Any HASS (3)

Total 129

plus 3 units co-curricular activities

Undergraduate advisor:
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