



**LEGEND**

- Existing Course, Existing Requirement
- Existing Course, New Requirement
- New Course, New Requirement
- Shortcut to distant prereq.
- existing prereq.
- coreq.
- new prereq.
- coreq.

**ENGR Selective Electives: Physics Concentration**

Choose ONE of the following to satisfy

- ENGR 315 Electric Power and Renewable Energy (3)
- ENGR321 Electronics (3)
- ENGR450 Radiation Detection & Meas. (3)

**Professional Enhancement requirements totaling 12 credit hours equivalent can be any combination of the following:**

- ENGR 199 C. Grand Challenge I
- ENGR 299 C. Grand Challenge II
- ENGR 397 Ind. Research
- ENGR 495 Engr. Internship
- CCU Education Abroad
- CCU International Internship
- Co-operative Education
- Service Learning
- Cohort Grand Challenge
- Graduate course
- Professional certification
- Professional course

\* **Humanistic Thought I (Hum. Tho. I): Engineering Students MUST enroll in the PHIL 102: Engineering Ethics**

18 + 18 + 0 + 18 + 17 + 0 + 18 + 14 + 0 + 13 + 13 = 129



# B.S. Engineering Science Physics Concentration