



Legend:

Course Number Course Name (credit, requirement met)	Program/ Concentration Elective	General Education or Technical Elective	Permission from Dept. Chair, Provost, or Designee Needed	→ Prerequisite
				- - - Co-requisite
				- - -> Pre-Requisite OR Co-Requisite

Program Electives

Engineering Electives

EMA 2616 – Production of Electronic Materials (3)

IDS 4204 – Advanced topics in Energy and Sustainability(3)

Natural Science Elective Courses

PHZ 3361 - Radiation Detection and Measurement (3, PHY 2049,
PHY 2049L, PHY 3101)

PHY 4424-Geometrical and Physical Optics (3, PHY 4323)

Arts, Humanities, and Social Sciences

Arts & Humanities

Required one (1) from the following:

- ARH 2000 Art Appreciation (3-W)
- HUM 2020 Introduction to Humanities (3-W, ENC 1101)
- LIT 2000 Introduction to Literature (3-W, ENC 1101)
- PHI 2010 Introduction to Philosophy (3-W)
- MUL 2010 Music Appreciation (3)

Optional one of the following or more from Arts & Humanities
required or Social Sciences:

- IDS 2144 - Legal, Ethical, and Management Issues in
Technology (3-W)
- HUM 2022 Explorations in the Humanities (3-W)

Social Sciences

Required one (1) from the following:

- AMH 2020 American History Since 1877 (3-W)
- PSY 2012 General Psychology (3-W)
- ECO 2013 Principles of Macroeconomics (3-W)

Required one (1) from the following:

- AMH 2010 American History to 1877 (3-W)
- ECO 2023 Principles of Microeconomics (3-W)
- AMH 2930 Special Topics (1 to 3-W)

Total Program Credits: 120

