Technical Electives (3 Credit Hours)

The three (3) credit hours of Technical Electives must be selected from the list below. Upper division CEGR (3000 level and above) can also satisfy the technical elective requirement. Any course not appearing on this list requires written permission from the Undergraduate Director prior to registering for the course. Any non-listed courses must be at the 3000 level or above and must come from one of the departments listed below.

Accounting
ACCT 3330: Managerial Cost Accounting

Biology
BIOL 4250: Microbiology
BIOL 4144: Advanced Ecology
BIOL 3000 level or above with department approval

Business Administration
MKTG 3110: Marketing Concepts
FINN 3120: Financial Management
BLAW 3150: Business Law I
COMM 3160: Business Communications
BLAW 3250: Business Law II
CMET 4127 Construction Law and Regulatory Issues

Chemistry
CHEM 1252: Principles of Chemistry
CHEM 2000 level or above with department approval

Computer Science
ITCS 3000 level or above with department approval

Earth Science
GEOL 3130: Structural Geology
GEOL 3190: Environmental Geology
ESCI 3180: Environmental Impact Analysis
ESCI 4140: Hydrologic Processes
GEOL 3000 level or above with department approval

Economics
ECON 3125: Managerial Economics
ECON 4150: Urban and Regional Economics
ECON 4160: Economics of Transportation
ECON 4171: Economics of International Trade
ECON 4181: Energy and Environmental Economics
ECON 3000 level or above with department approval
Engineering
CEGR, EEGR, CPGR, MEGR, SEGR at the 3000 level or above with department approval

Geography
GEOG 2120: Geographic Information Systems
GEOG 3100: The City and Its Region
GEOG 3115: Urban Transportation Problems
GEOG 3150: Manufacturing Geography
GEOG 3200: Land Use Planning
GEOG 3210: Regional Planning
GEOG 3215: Environmental Planning
GEOG 4155: Retail Location
GEOG 4160: The Geography of Transportation Systems
GEOG 3000 level or above with departmental approval

Management Information Systems
INFO 3200 level or above with departmental approval

Mathematics
MATH 2242 Calculus IV
MATH 2164 Matrices and Linear Algebra
MATH 3000 level or above with departmental approval

Physics
PHYS 3000 level or above with departmental approval

Operations Management (OPER)
OPER 3100 Operations Management
OPER 3201 Operations Planning and Control
OPER 3203 Decision Modeling and Analysis
OPER 3204 Management of Service and Project Operations
OPER 3206 Quality Assurance and Management

Operations Research (OPRS)
OPRS 3111 Operations Research: Deterministic Models
OPRS 3113 Operations Research: Probabilistic Models
OPRS 3000 level or above with departmental approval

Statistics
STAT 3000 level or above with departmental approval