



## **COOPERATIVE ENGINEERING–MATHEMATICS (BA)**

### **English (6 hours)**

ENGL 1301 – English Composition I  
ENGL 1302 – English Composition II

### **History (6 hours of common history)**

HIST 1301 & 1302 – U.S. History I & II  
-OR-  
HIST 2311 & 2312 – Western Civilization I & II

### **Social Sciences (9 hours)**

GOVT 2301 – American Government: National, State, and Local I  
GOVT 2302 – American Government: National, State, and Local II

### **And one course from below: (3 hours)**

ECON 2301 – Principles of Macroeconomics  
ECON 2302 – Principles of Microeconomics  
GEOG 1303 – World Geography  
PSYC 2301 – Introduction to Psychology  
SOC 1301 – Introduction to Sociology

### **Fine Art (3 hours)**

ARTS 1304 – Art History II

### **Natural Sciences (16 hours)**

CHEM 1411 & 1412 – General Chemistry I & II  
PHYS 2325 & 2125 – University Physics I & Lab  
PHYS 2326 & 2126 – University Physics II & Lab

### **Mathematics (15 hours)**

MATH 2413 – Calculus I  
MATH 2414 – Calculus II  
MATH 2415 – Calculus III  
MATH 2320 – Ordinary Differential Equations

### **Major Specific Courses**

COSC 1436 – Programming Fundamentals I

- \* See transfer counselor for other possible transfer courses.
- \*\* All courses must have grades of “C” or higher to be eligible for transfer.
- \*\*\* Other academic courses may transfer as required electives.