STEM (SCIENCE, TECHNOLOGY, ENGINEERING, & MATH)

This Program of Study prepares learners for careers in planning, managing and providing scientific research and professional and technical services (e.g., physical science, social science, engineering) including laboratory and testing services, and research and development services.

**PATHWAYS:**
- Engineering & Technology
- Science & Math

**HIGH SCHOOL COURSE RECOMMENDATIONS:**
Coursework is directly aligned to this Program of Study. It does not include required core coursework that is applicable to all programs.

- **ENGLISH:** AP English Language and Composition, AP English Literature and Composition, Composition 101, Research and Composition, Expository Writing, Science Fiction
- **MATH:** Probability & Statistics, AP Statistics (Math 230), Pre-Calculus (Math 108), AP Calculus AB (AP Calculus I), AP Calculus BC (AP Calculus II), Calculus III, Discrete Math, Mathematics Portfolio
- **SCIENCE:** Biology/AP Biology, Chemistry/AP Chemistry, Environmental Science/ AP Environmental Science, Earth Science, Earth and Space Science, Astronomy, Physics/ AP Physics I/ AP Physics II, Veterinary Science, Biotechnology
- **SOCIAL STUDIES:** Economics 106, AP Psychology, Psychology 101, Intro to Human Development
- **BUSINESS & MARKETING:** Personal Finance (Graduation Requirement 2018 & Beyond), Personal Finance CAPP, Principles of Accounting, College Accounting, Introduction to the World of Business, Introduction to Business Law, Business Management, International Business/Marketing, Entrepreneurship, Principles of Marketing, Marketing Management, Social Media Marketing
- **COMPUTER SCIENCE:** Intro to Computer Science or AP Computer Science Principles, Computer Science Pathway
- **DIGITAL MEDIA:** Game Design I, Film Design I, Industrial Design, Graphic Design I & II
- **MUSIC:** Music Industry: Recording and Production
- **PLTW (Project Lead The Way):** Introduction to Engineering, Principles of Engineering, Civil Engineering & Architecture, Digital Electronics, Principles of Biomedical Sciences, Human Body Systems, Medical Interventions, Biomedical Innovations, Environmental Sustainability
- **WORLD LANGUAGE:** Spanish, French, German, Mandarin Chinese

**STUDENT ORGANIZATIONS:**
- Robotics Club
- Caretakers of the Environment

**ENRICHMENT:**
- Schools2Skills Manufacturing Tour
- Job Shadow Experiences
- Service/Volunteer Work

**CAREER EXPLORATION:**
- Naviance (High School)

**COURSE PROGRAM OPPORTUNITIES - ON CAMPUS:**
- Dual Credit Options
- UW Oshkosh CAPP Program
- UW Whitewater PIE Program

**COURSE PROGRAM OPPORTUNITIES - OFF CAMPUS:**
(Career Experiences/Work Based Learning)
- Youth Apprenticeship
- Youth Options
- Course Options