**FIRST YEAR**

**Sinclair Fall Semester**
- CHE 1211: General Chemistry I
- CHE 1251: Lab for General Chemistry I
- EGR 1101: Introduction to Math for Engineering Applications
- ENG 1101: English Composition I
- MET 1301: Solidworks
- COM 2211: Effective Public Speaking

**Wright State Fall Semester Equivalent**
- CHM 1210: General Chemistry I
- CHM 1210L: Lab for General Chemistry I
- EGR 1010: Introduction to Math for Engineering Applications
- ENG 1100: Academic Writing and Reading
- ME 1040: Engineering Design and Solid Modeling
- COM 1010: Essentials of Public Address

**Sinclair Spring Semester**
- MAT 2270: Calculus and Analytical Geometry I
- PHY 2201: General Physics I
- PHY 2207: Lab for General Physics I
- PHY 2210: Problem Solving Physics with MATLAB
- Ohio Transfer Module Course

**Wright State Spring Semester Equivalent**
- MTH 2300: Calculus I
- PHY 2202/2208: General Physics II
- PHY 2208: Lab for General Physics II
- MAT 2280: Calculus and Analytical Geometry II
- MEE 2101: Statics for Engineers
- Ohio Transfer Module Course

**SECOND YEAR**

**Sinclair Fall Semester**
- PHY 2202/2208: General Physics II
- PHY 2208: Lab for General Physics II
- MAT 2280: Calculus and Analytical Geometry II
- MEE 2101: Statics for Engineers
- Ohio Transfer Module Course

**Wright State Fall Semester Equivalent**
- PHY 2410: General Physics II
- PHY 2410L: Lab for General Physics II
- MTH 2310: Calculus II
- ME 2120: Statics
- Wright State University Core Requirement

**Sinclair Spring Semester**
- MAT 2330: Differential Equations and Linear Algebra
- MEE 2301: Strength of Materials for Engineers
- SOCHE ME 2700
- Ohio Transfer Module Course

**Wright State Spring Semester Equivalent**
- MTH 2350: Differential Equations with Matrix Algebra
- ME 3120: Mechanics of Materials
- ME 2700: Structure and Properties of Materials
- Wright State University Core Requirement

**Total Sinclair Credit Hours:** 64
### THIRD YEAR AT WRIGHT STATE

#### Fall Semester
- MTH 2320: Calculus III
- ME 2600: Metallography
- EE 2010: Circuit Analysis I
- EE 2010L: Lab for Circuit Analysis I
- EGR 3350: Technical Communication for Engineers and Scientists
- ME 3750: Thermodynamics of Materials

#### Spring Semester
- ME 3600: Experimental Measurements and Instrumentation
- ME 3760: Diffusion and Kinetics
- ME 4750: Materials Characterization
- Track Course
- Technical Elective

### FOURTH YEAR AT WRIGHT STATE

#### Fall Semester
- ME 4910: Capstone Design I
- ME 4730: Engineering Ceramics
- ME 4620: Mechanical and Materials Testing Lab
- ME 4770: Mechanical Behavior of Metals
- ME 4720: Engineering Polymers
- Track Course

#### Spring Semester
- ME 4920: Capstone Design II
- ME 4700: Structure and Properties of Materials II
- ME 4740: Materials Selection and Failure Analysis
- Track Course

Total Wright State Credit Hours: 56

Minimum credit hours required to graduate from Wright State: 120

### Transfer to Wright State
- Apply to Wright State at wright.edu/apply.
- To learn more about the transfer process, visit wright.edu/sinclair/me, email transfer@wright.edu or call 937-775-4830.
- Visit wright.edu/wrightpath to explore the Wright Path Program, which offers up to $3,500 in scholarships.

### Additional Steps to Enter the Materials Science and Engineering Program
- When you apply through the Admissions Portal, list materials science and engineering as your intended major.

Visit wright.edu/me for more information on the program.

For assistance with academic advising, selecting courses, and creating your personal degree plan, contact:

**Sinclair College Academic Advising Center**
Room 10301, Building 10
937-512-3700
academicadvising@sinclair.edu

**Wright State College of Engineering and Computer Science Advising**
280 Joshi Research Center
937-775-5272
cecs-advisors@wright.edu