

# THE OKLAHOMA SCHOOL of SCIENCE and MATHEMATICS



## COURSE OFFERINGS

### Mathematics

Pre-Calculus II, III  
Calculus I, II  
Multivariate Calculus  
Differential Equations  
Number Theory  
Probability and Statistics  
Linear Algebra  
Abstract Algebra  
Real Analysis  
Special Advanced Problems  
Complex Analysis

### Physics

Astronomy  
General Physics  
Electricity and Magnetism  
Electronic Circuits  
Intro to Modern Physics  
Modern Physics II  
Mechanics  
Thermal Physics Waves & Optics

### Biology

Anatomy & Physiology  
Biochemistry  
Conservation Biology  
Ecology  
Embryology  
Environmental Science  
Introduction to Neurobiology  
Molecular & Cellular Biology  
Endocrinology  
Genetics  
Introduction to Neuroscience

### Mentorships

An estimated 60 percent of OSSM students participate in a mentorship. OSSM partners with more than 60 academic institutions, businesses, nonprofit organizations, and government agencies in the OKC area to provide students the opportunity to work alongside professionals in many fields.

### Engineering

Robotics Engineering

### Chemistry

General Chemistry I & II  
Biochemistry  
Organic Chemistry I & II  
Physical Chemistry

### Computer Science

Intro. to Computer Science  
Object-Oriented Programming with Java  
Data Structures I & II  
Computer Architecture

### Earth Science

Geoscience Seminar  
Exploration Geoscience

### Humanities

American Literature  
World Literature  
American History  
Composition  
East Asian History  
Fine Arts  
History of Western Tradition

### Languages

Chinese I-V  
French I-IV  
German I-V  
Japanese I, II  
Latin, I-IV  
Spanish I-V