

THE OKLAHOMA SCHOOL of SCIENCE and MATHEMATICS



COURSE OFFERINGS

Mathematics

Calculus I, II
Multivariate Calculus
Pre-Calculus I, II, III
Linear Algebra
Abstract Algebra
Math Lab

Physics

Astronomy
General Physics
General Physics Lab
Geoscience
Electricity and Magnetism
Intro to Modern Physics
Mechanics
Modern Physics II
Thermal Physics Waves & Optics
Special Topics in Theoretical Physics Exploration

Biology

Anatomy & Physiology
Biochemistry
Introduction to Neurobiology
Molecular & Cellular Biology
Embryology
Genetics
Endocrinology
Zoology (Vert. /Invert.)
Plant and Soil Science

Languages

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

Engineering

Introduction to Engineering
Robotics Engineering
Electronic Circuits
Complex Analysis
Geoscience Seminar (Intro. to Petroleum Engr.)

Computer Science

Intro to Computer Science
Object-Oriented Programming with Java
Data Structures
Operating Systems
Networking
Computer Architecture
Special Topics in Computer Science

Chemistry

General Chemistry I & II
Biochemistry
Organic Chemistry
Chemistry Olympiad Prep/Directed Study

Humanities

American Literature
Composition
East Asian History
Fine Arts
History of Western Tradition
Language Arts: Ethics in STEM
U.S. History

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.