

# January 2024

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We wish to highlight the essential aspects of your child's/student's academic and career pathway. The courses outlined in the document are required for college entry. We can discuss these requirements with you in person, by phone or by email. Contact information is provided at the end of this document.

# RECOMMENDED HIGH SCHOOL COURSES FOR ADMISSION TO CASE WESTERN RESERVE UNIVERSITY AND OTHER SIMILAR COLLEGES AND UNIVERSITIES

## English

Four years. When available, take courses at the honors and AP levels. When AP courses are not available, consider taking an English course in person at Cuyahoga Community College or Cleveland State University through College Credit Plus.

## **Social Studies**

Three years. When available, take courses at the honors level. When available, take one year or more at the AP level. These can be two semester-long AP courses or a year-long AP course.

## Foreign Language

Three years of the same foreign language is required. Do not include language taken in middle school, even if high school credit is given.

# Mathematics and Science for All Students

### **Mathematics**

Four years: Algebra 1, Geometry, Algebra 2 and Precalculus. When available, these courses should be taken at the honors and AP levels. Do not substitute AP Statistics or other Statistics courses for Precalculus.

### Science

Three years: Biology, Chemistry and either Physics or Physical Sciences. When available, these courses should be taken at the honors and AP levels.

# Mathematics and Science for Students Pursuing Science, Technology, Engineering, or Mathematics (STEM) Majors/Careers

### Math

The curriculum should include Precalculus and Calculus, which should be taken at the honors and AP levels. Students should consider taking Calculus in person at Cuyahoga Community College or Cleveland State University through College Credit Plus.

### Science

Three years: Biology, Chemistry and Physics. When available, these courses should be taken at the honors and AP levels. Students should take at least one Biology, Chemistry or Physics course in person at Cuyahoga Community College or Cleveland State University through College Credit Plus.

# Additional Science for All Health Professions

Consider adding Anatomy and Physiology to the science recommendations for STEM majors. If Anatomy and Physiology is unavailable at your high school, consider taking it in person at Cuyahoga Community College or Cleveland State University through College Credit Plus.

For questions from students, parents/guardians, teachers, counselors or stakeholders, contact:

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