

# IVY LEAGUE AND SELECTIVE COLLEGES: COURSE RECOMMENDATIONS

Working with your counselor or advisor **early** will help you make the most of your high school classes. When possible, take the more challenging course and **resist the urge to have free periods!**

## MATH

- 4 years of math
- For students entering STEM fields, calculus is often required.
- **Want to see strong scores (A-B) in these classes.**

- Consider AP or IB classes

*Example:*

- Freshman: Geometry
- Sophomore: Algebra 2
- Junior: Pre-Calculus
- Senior: Calculus

## ENGLISH

- 4 years of English
- Focus on literature and academic writing skills
- **Want to see strong scores (A-B) in these classes.**

- Consider AP or IB classes

*Example:*

- Freshman: Honors English
- Sophomore: AP Lang
- Junior: AP Literature
- Senior: ENGL 111 & ENGL 112

## SCIENCE

- 4 years of science, including 2 years of lab science, **especially for STEM field students**
- **Want to see strong scores (A-B) in these classes.**

- Consider AP or IB classes

*Example:*

- Freshman: Honors Biology
- Sophomore: AP Physics
- Junior: CHEM 121
- Senior: BIOL 105

## SOCIAL STUDIES

- 3-4 years of social studies
- **Consider AP or IB classes**

*Example:*

- Freshman: Global Studies
- Sophomore: AP Human Geography
- Junior: HIST 131 and HIST 132
- Senior: POLS 101 or AP Government

## OTHER COURSES

- 1-2 Visual or Performing Arts Classes (Princeton)
- Computer Science, Statistics, Math Modeling (Harvard)
- Physics, *specifically for engineering students* (Dartmouth)
- 3-4 Years of Lab Science (Columbia)

## LANGUAGES

- 3-4 years of **preferably the same language**
- **Consider concurrent courses**

*Example:*

- Freshman: Spanish 1
- Sophomore: Spanish 2
- Junior: AP Spanish
- Senior: FLAS 131