

ACADEMIC REQUIREMENTS FOR COLLEGE ENTRANCE

A student who is contemplating college is well advised to pattern course selections to follow the general requirements set by many colleges. These are:

English	4 years
Mathematics	3 years; 4-5 years for math, science, engineering
World Lang.	2-3 years, a concentration in one language is preferable to the study of two languages
Science	3 years; 4 years for science and engineering
Social Studies	3-4 years
Electives	Chosen from any discipline

With the vast number of institutions of higher learning, and with so great a degree of latitude in admissions standards, it is wise to consult college catalogs for those schools you are considering.

SAMPLE PROGRAMS

The following programs are samples only. Successful completion of the courses included in these programs will provide the necessary background to pursue further education or employment in the appropriate area. They are not, however, meant to be absolutes. Frequently, substitute or alternate courses may be desirable.

Sample Program to Prepare for a Liberal Arts Major

In either a two or four year liberal arts college, the student secures a broad background in the arts and sciences through the study of literature, philosophy, art, music, language, history, mathematics, and sciences. While a student may indicate his or her intended major as an incoming freshman, most colleges provide a core of courses for all students during the first two years, and specialization is delayed until the junior and senior years.

9th Grade

English 9
World History
Algebra I or II
(some take Algebra I in 8th grade)
World Language I or II
Biology
Physical Education/Health
Visual/Performing/Practical Arts

10th Grade

English 10
United States History I
Geometry or other mathematics course
Chemistry
World Language II or III

Physical Education/Health
Visual/Performing/Practical Arts

11th Grade

English 11
United States History II
Algebra II or other mathematics course
Physics
World Language III or IV
Physical Education/Health
Visual/Performing/Practical Arts

12th Grade

English 12
Social Studies Elective
Up to 4 electives in language, mathematics, science
Physical Education/Health
Visual/Performing/Practical Arts

Note: Many variations are possible. Colleges have such a wide variety of admissions standards that students and parents are urged to work very closely with the guidance counselor when formulating course selections.

Sample Program To Prepare for Engineering or Science Studies

9th Grade

English 9
World History
Algebra I or II
World Language
Biology
Physical Education/Health
Visual/Performing/Practical Arts

10th Grade

English 10
United States History I
Geometry or other mathematics course
World Language
Chemistry
Physical Education/Health
Visual/Performing/Practical Arts

11th Grade

English 11
United States History II
Physics
Algebra II or Math Analysis

semester

(4th year of mathematics)
World Language
1 elective in world language, science, social studies – each

Physical Education/Health
Visual/Performing/Practical Arts

12th Grade

English 12
Social Studies Elective
Laboratory Science (AP science or elective)
Math Analysis
(4th year of math); or Calculus; or
Probability and Statistics, or Pre-calculus or
Statistics AP
Physical Education/Health
Visual/Performing/Practical Arts