

## Elective Course Options for Students in 2019-2020

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### MATH

#### **Introduction to Computer Science Principles** (1/2 credit – Fall Semester only)

Introductory level course to computer science with emphasis on programming and app development.

#### **AP Computer Science Principles** (Full year course)

AP level computer science course with emphasis on programming and app development.

#### **AP Computer Science A** (Full year course)

More advanced exploration of computer science, using JAVA programming language and following the AP curriculum.

**NOTE:** The math course currently called “Functions, Finance, and Statistics” will be called “Precalculus with Statistics” next year – there will not be an “Honors” level of this course.

### SCIENCE

#### **Anatomy and Physiology** (Fall and/or Spring Semester)

Exploration of major organ systems of human body and fundamental physiological principles.

#### **Principles of Psychology** (Fall and/or Spring Semester)

Introduction to the history and study of human psychology.

#### **Principles of Engineering** (1/2 credit – Spring Semester only)

Project-based course developing skills in planning, mathematics, and practical application of technology.

### HUMANITIES

#### **Global Issues** (Fall and/or Spring Semester)

Explores various sociopolitical issues, with a special emphasis on current events and social action. Students create an action project in the community.

#### **Humanities Seminar I: “Illness and the Human Condition”** (1/2 credit – Fall Semester only)

Literature-based course, team-taught with a local physician, addressing the manner in which human life is interrupted and changed by disease.

#### **Humanities Seminar II: Topic to be Determined** (1/2 credit – Spring Semester only)

Current possibilities include “Writing for Publication”, “The 1960s”, or an interdisciplinary course exploring the role of local “Black Mountain College”.

**NOTE:** *AP Music Theory* and *AP Studio Art* are not considered electives; these courses are only available to students who have been recommended by the teacher of the course and who have been given explicit permission by the Academic Dean.

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**\*NOTE:** Students may NOT take 6 full credit courses in a single year (unless the 6<sup>th</sup> course is Studio Art) without the explicit permission of the Academic Dean. However, students MAY take 5 full credit courses plus a ½ credit elective during either the first or the second semester with the permission of their Advisor and the appropriate department chair.