Which classes should I take to satisfy general education requirements for a college degree?

This document is a general guide that may be used to advise high school students about their education plan to maximize earned college credit through dual enrollment, concurrent enrollment, and/or prior learning assessment.

* **Dual Enrollment** = college courses offered on the high school campus during the regular high school day
* **Concurrent Enrollment** = college courses offered on the high school campus, college campus, or online and taught outside of the regular high school day
* **Prior Learning Assessment** = college credit awarded for successful completion of nationally recognized exams (e.g. Advanced Placement (AP) or International Baccalaureate (IB)) or industry recognized, work-based certificates (e.g. CompTIA+)

In general, pivotal decisions should be made relative to math, science, and career and technical education. Most degrees require English Composition 1 and 2 and at least three credits that are related to social and behavioral science.

| All students seeking a college degree will benefit from earning 3-6 credits in English Composition. |
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| All students seeking a college degree will benefit from earning 3 credits in a social and behavioral area (e.g. American History, World History, Government). |
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| **Select One** | **College Interest** | **Career Interest** | **Math Goal** | **Science Goal** |
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|  | I am an advanced math student. I would like to earn a college degree in science, computer science, engineering, or math. | The types of careers that I am interested in include:* teaching science, math, or psychology at a college or university
* engineering such as civil, mechanical, and aerospace
* medical such as dentist, physician, or psychiatrist
* computer network architect, computer programming, and information security analyst
 | Calculus*Students that earned less than a B or a C in Advanced Algebra II may benefit from enrollment into Precalculus before Calculus.* | Biology for MajorsGeneral ChemistryGeneral Physics |
|  | I am a traditional math student. I would like to earn a college degree, but I’m not sure about my college and career plan. | I’m not sure about my career interest. | College Algebra | Foundational BiologyFoundational ChemistryFoundational PhysicsBiology for MajorsGeneral ChemistryGeneral Physics |
|  | I am an advanced math student, and I would like to earn a business degree. | The types of careers that I am interested in include:* accounting
* business ownership or entrepreneurship
* business operations management
 | Brief Calculus*Students that earned less than a B or a C in Advanced Algebra II may benefit from enrollment into Precalculus before Brief Calculus.* | Foundational BiologyFoundational ChemistryFoundational Physics |
|  | I am a traditional math student, and I would like to earn a business degree. | The types of careers that I am interested in include:* accounting
* business ownership or entrepreneurship
* business operations management
 | College Algebra | Foundational BiologyFoundational ChemistryFoundational Physics |
|  | I am an advanced math student. I do not want to earn a degree in science, computer science, engineering, math, or business.  | The types of careers that I am interested in include:* early childhood or elementary school teaching
* computer network and user support
* manufacturing and/or construction
* medical assistant or technician
* nursing
* lawyer
 | College Algebra | Foundational BiologyFoundational ChemistryFoundational Physics |
|  | I am a traditional math student. I do not want to earn a degree in science, computer science, engineering, math, or business.  | The types of careers that I am interested in include:* early childhood or elementary school teaching
* computer network and user support
* manufacturing and/or construction
* medical assistant or technician
* nursing
* lawyer
 | College Mathematics*This is usually a fourth-year math course that students complete after satisfying high school graduation requirements: Algebra I, Geometry, and Algebra II* | Foundational BiologyFoundational ChemistryFoundational Physics |
|  | I am a traditional math student, and I want to earn a degree in a career or technical education program. | The types of careers that I am interested in include:* automated industrial technology (robotics)
* automotive service
* welding
* advanced manufacturing
* fire science
* veterinary technology
* construction
 | College Mathematics*This is usually a fourth-year math course that students complete after satisfying high school graduation requirements: Algebra I, Geometry, and Algebra II* | Foundational BiologyFoundational ChemistryFoundational Physics |