

Auburn High School Core Curriculum

26 Credits Required for Graduation

English 4 credits

- English 9
- English 10
- English 11
- English 12

Mathematics 4 credits

The four credits must include Algebra I or Algebra IA and Algebra IB, Geometry and Algebra II.

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|---------------------------|----------------------------|--------------------------------|
| Algebra 1 A | Algebra II with Trig | AP Calculus AB |
| Algebra 1 B | Discrete Mathematics | AP Calculus BC |
| Geometry | Pre-Calculus | IB Standard Level Math |
| Algebraic Connections | Probability and Statistics | IB Higher Level Math |
| Algebra II (Seniors Only) | Calculus | AP Statistics |
| | | AP Computer Science Principles |

Science 4 credits

Must complete Biology and a Physical Science and two other Science courses:

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|-----------------------------------|------------------------|--------------------------|
| Chemistry (a physical science) | Earth Science | IB/AP Biology |
| Physics (a physical science) | Anatomy & Physiology | IB/AP Chemistry |
| Physical Science | Environmental Science | AP Physics 1 |
| Aquaculture Science | Intro to Biotechnology | AP Physics 2 |
| Forensic & Criminal Investigation | | AP Environmental Science |

Social Studies 4 credits

- 9th: World History & Geography Since 1500
- 10th: U.S. History & Geography to 1877 OR AP European History
- 11th: U.S. History & Geography since 1877 OR AP U.S. History
- 12th: American Government & Principles of Economics (Regular or AP)

NOTE: Students who take AP European History in 10th grade and do not take AP U.S. History in 11th grade must take 10th grade U.S. History AND 11th grade U.S. History during their junior year.

Physical Education 1 credit

Health.....1/2 credit

Career Preparedness..... 1 credit

Fine Arts, Career Tech, or World Languages Electives.....3 credits

Electives 4 1/2 credits

Total26 credits

Endorsements

Students may enhance their Auburn High School academic experience by pursuing three additional Endorsements: Career and Technical, Advanced Academic or Advanced Career and Technical. Following successful completion of the Endorsement requirements, graduates will receive an official designation stamped on their transcript. This designation will serve as verification of their completion of additional or advanced high school coursework. All students are highly encouraged to pursue this additional challenge. To obtain an endorsement, students must fulfill the diploma requirements listed on the previous page and the additional requirements listed below:

Auburn High School Career and Technical Endorsement

Career Technical Education (Sequenced program of courses)	3 credits
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Auburn High School Advanced Academic Endorsement

Mathematics -must include Algebra II w/Trig and at least one additional higher level math	4 credits
Science – Must include Biology, a physical science (Physical Science, Chemistry, or Physics) and at least two of the following: Chemistry, Physics, Anatomy, Intro to Biotechnology, IB/AP Biology, IB/AP Chemistry, AP Physics 1, AP Physics 2, or AP Environmental Science	4 credits
World Language - same language, one credit may be earned in 8 th grade	2 credits

Auburn High School Advanced Career and Technical Endorsement

Mathematics - must include Algebra II w/Trig and at least one additional higher math	4 credits
Science - Must include Biology, a physical science (Physical Science, Chemistry, or Physics)and at least two of the following: Chemistry, Physics, Anatomy, Intro to Biotechnology, IB/AP Biology, IB/AP Chemistry, AP Physics 1, AP Physics 2, or AP Environmental Science	4 credits
Career Technical Education (Sequenced program of courses)	3 credits

Career Technical and Education Programs:

Advertising Design	Health Science
Aquaculture	JROTC (Army)
Biomedical Sciences	Lodging
Building Construction	Precision Machining
Business Management & Administration	Programming & Software Development
Engineering	Restaurant, Food and Beverage Service
Environmental & Natural Resources	Teaching and Training
Finance	Television Production
Food, Wellness and Dietetics	

Students may earn both the Advanced Academic and Advanced Career and Technical Endorsements concurrently, if they meet both requirements (2 world language credits and 3 Career Technical Education credits).