

Science, Technology, Engineering, and Mathematics (STEM) Endorsement 26 Credits

In order to earn a Science, Technology, Engineering, and Mathematics (STEM) Endorsement, students must meet the following General Course Requirements, Pathway Requirements, and Additional Credit requirements to earn a minimum of 26 total credits.

General Course Requirements

19 credits

- 4 credits English – ELA I, II, III, & one advanced English
- 4 credits Mathematics – Algebra I, Geometry, Algebra II, and one advanced mathematics
- 4 credits Science – Biology, Chemistry, Physics, and one advanced science
- 3 credits Social Studies – World Geography or World History, U.S. History, Government & Economics
- 2 credits in same Language Other than English
- 1 credit in Physical Education
- 1 credit in Fine Arts

Pathway Requirements

1-6 credits (depending upon pathway selected)

Select one of the options below.

Computer Science	<u>4 credits</u>
Mathematics	<u>1 additional advanced mathematics credit</u> beyond Algebra II
Science	<u>1 additional advanced science</u>
Career & Technical Education	<u>Digital Electronics</u> – Project Lead the Way

Additional Credit Requirements

Remaining Credits to 26 - Choice Electives

Credit Checklist – This is a tool for monitoring your progress. Your counselor will maintain an official record of your coursework.

Distinguished Level of Achievement

Students must earn at least one Endorsement and successfully complete a 4th science + Algebra II
(Distinguished Level of Achievement required for top 10% consideration)