

**Science and Mathematics Pathway
Diploma**

With your Advisor, check off classes that have been taken to meet requirement. Then, when all requirements under a subject heading have been met, have your Advisor initial on the line next to the subject heading. If a class is being waived, please have the teacher of that class initial on the line before the class.

English (4.0 credits)

- Freshman English (1.0)
- Sophomore English (1.0)
- Junior English or AP English Literature (1.0)
- Senior English, AP English Literature or Senior Composition (1.0)

Social Studies (3.5 credits)

- American Government (.50)
- Global Geography (.50) or AP Human Geography (1.0)
- American History (1.0) or AP American History (1.0)
- World History (1.0) or AP World History (1.0)

Additional credits as needed to earn 3.5 total social studies credit

Math (4.5 credits)

- Geometry or Geometry Honors (1.0)
- Algebra 2 or Algebra 2 Honors (1.0)
- College Algebra and College Trigonometry (1.5)
- AP Calculus/Calculus (1.0)

Science (5.0 credits)

- Freshman Science I (.50)
- Freshman Science II (.50)
- Cellular Biology (1.0)
- Chemistry (1.0)
- Physics (1.0)
- AP Chemistry (2.0) or AP Physics (1.0)

Career & Technical Education (CTE) (1.0 credit)

- College and Career Prep. (.50)

Additional .50 credit in CTE coursework as decided upon by student, advisor and parent.

Fine Arts (1.0)

- Introduction to Art (.25)

Additional .75 credit in Fine Arts coursework as decided upon by parent, advisor, and student.

World Language (2.0 credits of same language)

Students may enroll in a language of their choice. Students who plan to attend a four-year college should plan to take three years of a language.

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Wellness (1.0 credit)

The Health and Wellness Experience (.25)

Additional .75 credit in Wellness/P.E. coursework as decided upon by parent, advisor, and student.

Advising (2.0 credits)

- _____ Freshman year (.50)
- _____ Sophomore year (.50)
- _____ Junior year (.50)
- _____ Senior year (.50)

Community Service – 40 hours

Shadowing – All students must complete 3 one-half day shadowing experiences. One experience must be in a Science and Math-related field.

- _____ Shadowing #1 (one in pathway related field)
- _____ Shadowing #2
- _____ Shadowing #3

Internship – 40 hours in field of Science and Mathematics.

DATE	NUMBER OF HOURS	LOCATION	ADVISOR SIGNATURE

Pathway Exploration – Additional 40 hours in field of Science and Mathematics. This may be completed through additional shadowings, community service or internship.

DATE	NUMBER OF HOURS	TYPE OF EXPERIENCE (Internship, Community Service, or Shadowing)	LOCATION	ADVISOR SIGNATURE

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Senior Project

Senior Project completed

Portfolio

Portfolio completed

Total Credits

Will have earned at least 29 credits by graduation

Request for Pathway Diploma submitted to Student Services – First Semester of Senior year - Date received by

Pathway Requirements (this form) submitted to Student Services – Fourth Quarter of Senior year – Date received by

Science and Mathematics Pathway
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Request for Pathway Diploma

Name: _____

Advisor: _____

This is to certify that the above-named student is committed to completing the graduation requirements for the Science and Mathematics Pathway and is requesting the corresponding pathway diploma.

Student Signature

Date _____

Advisor Signature

Date _____

Turned into Student Services on (must be during first semester of senior year).

Received by _____