

## Class of 2009 Science Sequences:

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This document should act as a guide to helping you make the correct decisions regarding your schedule. Make sure to discuss your options with your parents, counselor, and science teacher(s) to ensure you are making the correct choice.

### Your graduation requirements:

3 years Science (3 credits)

- 1 year of a Life Science (Biology, 1 credit)
- 1 year of a Physical Science (Geophysical Science, Chemistry, or Physics, 1 credit)
- 1 year of elective science (1 credit)

Sample "Common" Course Sequences: (Your sequence may vary from these.)

<b>Grade</b>	<b>College Prep (Science Major) Sequence</b>
9	<i>Biology</i>
10	<i>Chemistry</i>
11	<i>Accelerated Physics</i>
12	Science electives available (see below)

<b>Grade</b>	<b>College Prep (Nonscience Major) Sequence</b>
9	<i>Geophysical Science</i>
10	<i>Biology</i>
11	<i>Chemistry</i>
12	Physics (2 terms) Science electives available (see below)

### Note:

- All Science electives are only offered for 11<sup>th</sup> and 12<sup>th</sup> grade students. Students may not repeat the course after having passed it as a 9<sup>th</sup> or 10<sup>th</sup> grade student under the block schedule.
- Current 11th and 12<sup>th</sup> grade elective offerings (2008-2009)
  - Anatomy & Physiology (1 term)
  - Astronomy (1 term)
  - Forensic Science (1 term)
  - Principles of Weather & Climate (1 term)
  - ZOO-ology (1 term)
  - AP Biology, AP Chemistry, AP Physics (each is 3 consecutive terms)
  - AP Environmental Science (2 terms)

## Class of 2010 Science Sequences:

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This document should act as a guide to helping you make the correct decisions regarding your schedule. Make sure to discuss your options with your parents, counselor, and science teacher(s) to ensure you are making the correct choice.

### Your graduation requirements:

3 years Science (3 credits)

- 1 year of a Life Science (Biology, 1 credit)
- 1 year of a Physical Science (Geophysical Science, Chemistry, or Physics, 1 credit)
- 1 year of elective science (1 credit)

The Michigan Merit Exam (MME) is taken in the spring of the junior year.

Sample "Common" Course Sequences: (Your sequence may vary from these.)

<b>Grade</b>	<b>College Prep (Science Major) Sequence</b>
9	<i>Biology</i>
10	<i>Accelerated Chemistry</i>
11	Accelerated Physics A and B (2 terms, recommended: terms 1 and 2 [prior to MME]) Recommended: Earth Science Essentials (1 term, rec.: term 1 or 2 [prior to MME]) Science electives available (see below)
12	Science electives available (see below)

{If you plan to take AP Science courses you should be in this sequence.}

<b>Grade</b>	<b>College Prep (Nonscience Major) Sequence</b>
9	<i>Geophysical Science</i>
10	<i>Biology</i>
11	Chemistry A and B (2 terms, recommended: terms 1 and 2 [prior to MME]) Recommended: Physics Essentials (1 term, recommended: term 1 or 2 [prior to MME]) Science electives available (see below)
12	Physics A and B (2 terms) Science electives available (see below)

Note:

- All Science electives are only offered for 11<sup>th</sup> and 12<sup>th</sup> grade students. Students may not repeat the course after having passed it as a 9<sup>th</sup> or 10<sup>th</sup> grade student under the block schedule.
- Current 11<sup>th</sup> and 12<sup>th</sup> grade elective offerings (2008-2009)
  - Anatomy & Physiology (1 term)
  - Astronomy (1 term)
  - Forensic Science (1 term)
  - Principles of Weather & Climate (1 term)
  - ZOO-ology (1 term)
  - AP Biology, AP Chemistry, AP Physics (each is 3 consecutive terms)
  - AP Environmental Science (2 terms)

## Class of 2011 Science Sequences:

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This document should act as a guide to helping you make the correct decisions regarding your schedule. Make sure to discuss your options with your parents, counselor, and science teacher(s) to ensure you are making the correct choice.

### Your graduation requirements:

3 years Science (3 credits)

- 2 terms Biology (1 credit)
- 2 terms Chemistry (Chemistry or Accelerated Chemistry, 1 credit)
- 1 term Earth Science Essentials (0.5 credit)
- 1 term Physics (Physics Essentials, Physics, or Accelerated Physics, 0.5 credit)

The Michigan Merit Exam (MME) is taken in the spring of the junior year.

Sample "Common" Course Sequences: (Your sequence may vary from these.)

<b>Grade</b>	<b>College Prep (Science Major) Sequence</b>
9	<i>Biology</i>
10	Accelerated Chemistry A and B (2 terms) Recommended: Earth Science Essentials (1 term, rec. for MME)
11	Accelerated Physics A and B (2 terms, recommended: terms 1 and 2 [prior to MME]) Science electives available (see below)
12	Science electives available (see below)

{If you plan to take AP Science courses you should be in this sequence.}

<b>Grade</b>	<b>College Prep (Nonscience Major) Sequence</b>
9	<i>Earth Science Essentials and Physics Essentials</i>
10	Biology A and B (2 terms)
11	Chemistry A and B (2 terms, recommended: terms 1 and 2 [prior to MME]) Science electives available (see below)
12	Physics A and B (2 terms) (optional) Science electives available (see below)

- 11th and 12<sup>th</sup> grade elective offerings (2007-2008) [These will vary some each year.]
  - Anatomy & Physiology (1 term) [Not to be taken if AP Biology is taken.]
  - Astronomy (1 term)
  - Forensic Science (1 term)
  - Principles of Weather & Climate (1 term)
  - ZOO-ology (1 term)
  - AP Biology, AP Chemistry, AP Physics (each is 3 consecutive terms)
  - AP Environmental Science (2 terms)

## Class of 2012 and beyond Science Sequences:

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This document should act as a guide to helping you make the correct decisions regarding your schedule. Make sure to discuss your options with your parents, counselor, and science teacher(s) to ensure you are making the correct choice.

### Your graduation requirements:

3 years Science (3 credits)

- 2 terms Biology (1 credit)
- 2 terms Chemistry (Chemistry or Accelerated Chemistry, 1 credit)
- 1 term Earth Science Essentials (0.5 credit)
- 1 term Physics (Physics Essentials, Physics, or Accelerated Physics, 0.5 credit)

The Michigan Merit Exam (MME) is taken in the spring of the junior year.

Sample "Common" Course Sequences: (Your sequence may vary from these.)

<b>Grade</b>	<b>College Prep (Science Major) Sequence</b>
9	Biology A and B (2 terms) Earth Science Essentials (1 term, may be taken 9 <sup>th</sup> or 10 <sup>th</sup> grade)
10	Accelerated Chemistry A and B (2 terms) Earth Science Essentials (1 term, may be taken 9 <sup>th</sup> or 10 <sup>th</sup> grade)
11	Accelerated Physics A and B (2 terms, recommended: terms 1 and 2 [prior to MME]) Science electives available (see below)
12	Science electives available (see below)

{If you plan to take AP Science courses you should be in this sequence.}

<b>Grade</b>	<b>College Prep (Nonscience Major) Sequence</b>
9	Earth Science Essentials (1 term) Physics Essentials (1 term)
10	Biology A and B (2 terms)
11	Chemistry A and B (2 terms, recommended: terms 1 and 2 [prior to MME]) Science electives available (see below)
12	Physics A and B (2 terms) (optional) Science electives available (see below)

- 11th and 12<sup>th</sup> grade elective offerings (2007-2008) [These will vary some each year.]
  - Anatomy & Physiology (1 term) [Not to be taken if AP Biology is taken.]
  - Astronomy (1 term)
  - Forensic Science (1 term)
  - Principles of Weather & Climate (1 term)
  - ZOO-ology (1 term)
  - AP Biology, AP Chemistry, AP Physics (each is 3 consecutive terms)
  - AP Environmental Science (2 terms)