

Current Course	Course Options	Recommendations for success	Expectations for success
8th Grade Science	Biology	<ul style="list-style-type: none"> • Evidence of successful completion of previous level coursework. 	<ul style="list-style-type: none"> • Daily attendance in class. • Focused & engaged in class lessons. • Complete & turn in assignments on time. • Prepare for quizzes & tests throughout the school year. • Daily access & use of MyLearning (Canvas). • Commit to nightly review of daily lessons. • Dedicate time to weekly homework assignments. • Maintains integrity during independent work. • Request assistance when struggling with material. • Attend free tutoring sessions by Science NHS, when needed.
8th Grade Science Advanced	Biology Honors (Co-req Geo Honors or higher)	<ul style="list-style-type: none"> • Evidence of successful achievement levels on standardized tests (FSA Reading 4+) • Successful completion of previous coursework (grade of 80% or higher). • Teacher Recommendation 	<ul style="list-style-type: none"> • Daily attendance in class. • Focused & engaged in class lessons. • Complete & turn in assignments on time. • Prepare for quizzes & tests throughout the school year. • Strong and consistent work ethic. • Able to work effectively in groups and equally contribute. • Good nightly study habits outside of school. • Effective time management & organization skills. • Maintains integrity during independent work. • Ability to apply critical and creative thinking skills.

Current Course	Course Options	Recommendations for success	Expectations for success
Anatomy Honors	Marine Honors Physics Honors (Co-req Alg II Hon)	<ul style="list-style-type: none"> • Evidence of successful achievement levels on standardized tests (FSA Math and Reading 3+) • Successful completion of previous coursework. • Teacher Recommendation 	<ul style="list-style-type: none"> • Daily attendance in class. • Focused & engaged in class lessons. • Complete & turn in assignments on time. • Prepare for quizzes & tests throughout the school year. • Strong and consistent work ethic. • Able to work effectively in groups and equally contribute. • Good nightly study habits outside of school. • Effective time management & organization skills. • Maintains integrity during independent work. • Ability to apply critical and creative thinking skills.
	AP Environmental AP Physics I AP Biology AP Chemistry AP Physics II *Colleges vary in the number of credits awarded for AP Science Scores (3-8 credits). Parent & students are encouraged to consider the expectations individual courses demand for success.	<ul style="list-style-type: none"> • Interest in College Level Studies • Strong Teacher Recommendation • Successful completion of Biology & Chemistry (honors level with an 80% average or above). • Evidence of developed college level academic skills (i.e. FSA 5+, pass all sections of PERT, or PSAT AP Potential Reports). 	<ul style="list-style-type: none"> • Daily attendance in class. • Focused & engaged in class lessons. • Increased amount of outside of class work. • Complete & turn in assignments & lab reports on time. • Prepare for quizzes & tests throughout the school year. • Strong and consistent work ethic and integrity. • Able to work effectively in groups and equally contribute. • Communication with instructor concerning challenges. • Effective time management & organization skills. • Dedicate additional time preparing for inquiry labs, difficult tests & free response writings. • Ability to apply critical and creative thinking skills. • Communication of work from inquiry-based learning (such as science projects or lab reports).

Current Course	Course Options	Recommendations for success	Expectations for success
Biology	Earth/Space Science or Environmental Science or Chemistry (Co-req Alg II) or Physics (Co-req Alg II)	<ul style="list-style-type: none"> • Evidence of successful completion of previous level coursework. 	<ul style="list-style-type: none"> • Daily attendance in class. • Focused & engaged in class lessons. • Complete & turn in assignments on time. • Prepare for quizzes & tests throughout the school year. • Daily access & use of MyLearning (Canvas). • Commit to nightly review of daily lessons. • Dedicate time to weekly homework assignments. • Maintains integrity during independent work. • Request assistance when struggling with material. • Attend free tutoring sessions by Science NHS, when needed.
Biology Honors	Physical Science Honors (Co-req Geo Hon) or Chemistry Honors (Co-req Alg II Hon)	<ul style="list-style-type: none"> • Evidence of successful achievement levels on standardized tests (FSA Math and Reading 3+ or Math 4+ for Chemistry) • Successful completion of previous coursework (grade of 80% or higher). • Teacher Recommendation 	<ul style="list-style-type: none"> • Daily attendance in class. • Focused & engaged in class lessons. • Complete & turn in assignments on time. • Prepare for quizzes & tests throughout the school year. • Strong and consistent work ethic. • Able to work effectively in groups and equally contribute. • Good nightly study habits outside of school. • Effective time management & organization skills. • Maintains integrity during independent work. • Ability to apply critical and creative thinking skills.

Current Course	Course Options	Recommendations for success	Expectations for success
Chemistry	Earth/Space Science or Environmental Science or Physics (Co-req Alg II)	<ul style="list-style-type: none"> Evidence of successful completion of previous level coursework. 	<ul style="list-style-type: none"> Daily attendance in class. Focused & engaged in class lessons. Complete & turn in assignments on time. Prepare for quizzes & tests throughout the school year. Daily access & use of MyLearning (Canvas). Commit to nightly review of daily lessons. Dedicate time to weekly homework assignments. Maintains integrity during independent work. Request assistance when struggling with material. Attend free tutoring sessions by Science NHS, when needed.
Chemistry Honors	Anatomy Honors (Pre-req Chem) or Marine Honors (Pre-req Physical Science or higher) or Physics Honors (Co-req Alg II Hon)	<ul style="list-style-type: none"> Evidence of successful achievement levels on standardized tests (FSA Math and Reading 3+) Successful completion of previous coursework (grade of 80% or higher). Teacher Recommendation 	<ul style="list-style-type: none"> Daily attendance in class. Focused & engaged in class lessons. Complete & turn in assignments & labs on time. Prepare for quizzes & tests throughout the school year. Strong and consistent work ethic. Able to work effectively in groups and equally contribute. Good nightly study habits outside of school. Effective time management & organization skills. Maintains integrity during independent work. Ability to apply critical and creative thinking skills.
	AP Environmental AP Physics I AP Biology AP Chemistry AP Physics II *Colleges vary in the number of credits awarded for AP Science Scores (3-8 credits). Parent & students are encouraged to consider the expectations individual courses demand for success.	<ul style="list-style-type: none"> Interest in College Level Studies Strong Teacher Recommendation Successful completion of Biology & Chemistry (honors level with an 80% average or above). Evidence of developed college level academic skills (i.e. FSA 5+, pass all sections of PERT, or PSAT AP Potential Reports). 	<ul style="list-style-type: none"> Daily attendance in class. Focused & engaged in class lessons. Increased amount of outside of class work. Complete & turn in assignments & lab reports on time. Prepare for quizzes & tests throughout the school year. Strong and consistent work ethic and integrity. Able to work effectively in groups and equally contribute. Communication with instructor concerning challenges. Effective time management & organization skills. Dedicate additional time preparing for inquiry labs, difficult tests & free response writings. Ability to apply critical and creative thinking skills. Communication of work from inquiry-based learning (such as science projects or lab reports).

JWMHS 2018 Science Recommendations

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Earth/ Space Science	Environmental Science or Chemistry (Co-req Alg II) or Physics (Co-req Alg II)	<ul style="list-style-type: none"> • Evidence of successful completion of previous level coursework. 	<ul style="list-style-type: none"> • Daily attendance in class. • Focused & engaged in class lessons. • Complete & turn in assignments on time. • Prepare for quizzes & tests throughout the school year. • Daily access & use of MyLearning (Canvas). • Commit to nightly review of daily lessons. • Dedicate time to weekly homework assignments. • Maintains integrity during independent work. • Request assistance when struggling with material. • Attend free tutoring sessions by Science NHS, when needed.

Current Course	Course Options	Recommendations for success	Expectations for success
Marine Science	Earth/Space Science or Environmental Science or Chemistry (Co-req Alg II) or Physics (Co-req Alg II)	<ul style="list-style-type: none"> Evidence of successful completion of previous level coursework. 	<ul style="list-style-type: none"> Daily attendance in class. Focused & engaged in class lessons. Complete & turn in assignments on time. Prepare for quizzes & tests throughout the school year. Daily access & use of MyLearning (Canvas). Commit to nightly review of daily lessons. Dedicate time to weekly homework assignments. Maintains integrity during independent work. Request assistance when struggling with material. Attend free tutoring sessions by Science NHS, when needed.
Marine Science Honors	Anatomy Honors (Pre-req Chem) Physics Honors (Co-req Alg II Hon)	<ul style="list-style-type: none"> Evidence of successful achievement levels on standardized tests (FSA Math and Reading 3+ or Math 4+ for Chemistry) Successful completion of previous coursework (grade of 80% or higher). Teacher Recommendation 	<ul style="list-style-type: none"> Daily attendance in class. Focused & engaged in class lessons. Complete & turn in assignments on time. Prepare for quizzes & tests throughout the school year. Strong and consistent work ethic. Able to work effectively in groups and equally contribute. Good nightly study habits outside of school. Effective time management & organization skills. Maintains integrity during independent work. Ability to apply critical and creative thinking skills.
	AP Environmental AP Physics I AP Biology AP Chemistry AP Physics II *Colleges vary in the number of credits awarded for AP Science Scores (3-8 credits). Parent & students are encouraged to consider the expectations individual courses demand for success.	<ul style="list-style-type: none"> Interest in College Level Studies Strong Teacher Recommendation Successful completion of Biology & Chemistry (honors level with an 80% average or above). Evidence of developed college level academic skills (i.e. FSA 5+, pass all sections of PERT, or PSAT AP Potential Reports). 	<ul style="list-style-type: none"> Daily attendance in class. Focused & engaged in class lessons. Increased amount of outside of class work. Complete & turn in assignments & lab reports on time. Prepare for quizzes & tests throughout the school year. Strong and consistent work ethic and integrity. Able to work effectively in groups and equally contribute. Communication with instructor concerning challenges. Effective time management & organization skills. Dedicate additional time preparing for inquiry labs, difficult tests & free response writings. Ability to apply critical and creative thinking skills. Communication of work from inquiry-based learning (such as science projects or lab reports).

JWMHS 2018 Science Recommendations

<p>Physical Science</p>	<p>Earth/Space Science or Environmental Science or Chemistry (Co-req Alg II) or Physics (Co-req Alg II)</p>	<ul style="list-style-type: none"> • Evidence of successful completion of previous level coursework. 	<ul style="list-style-type: none"> • Daily attendance in class. • Focused & engaged in class lessons. • Complete & turn in assignments on time. • Prepare for quizzes & tests throughout the school year. • Daily access & use of MyLearning (Canvas). • Commit to nightly review of daily lessons. • Dedicate time to weekly homework assignments. • Maintains integrity during independent work. • Request assistance when struggling with material. • Attend free tutoring sessions by Science NHS, when needed.
<p>Physical Science Honors</p>	<p>Anatomy Honors (Co-req Chem) or Chemistry Honors (Co-req Alg II Hon) or Marine Honors (Pre-req Physical Science or higher) Physics Honors (Co-req Alg II Hon)</p>	<ul style="list-style-type: none"> • Evidence of successful achievement levels on standardized tests (FSA Math and Reading 3+) • Successful completion of previous coursework (grade of 80% or higher). • Teacher Recommendation 	<ul style="list-style-type: none"> • Daily attendance in class. • Focused & engaged in class lessons. • Complete & turn in assignments & labs on time. • Prepare for quizzes & tests throughout the school year. • Strong and consistent work ethic. • Able to work effectively in groups and equally contribute. • Good nightly study habits outside of school. • Effective time management & organization skills. • Maintains integrity during independent work. • Ability to apply critical and creative thinking skills.

Current Course	Course Options	Recommendations for success	Expectations for success
AP Science Course	<p> AP Environmental AP Physics I AP Biology AP Chemistry AP Physics II </p> <p> *Colleges vary in the number of credits awarded for AP Science Scores (3-8 credits). Parent & students are encouraged to consider the expectations individual courses demand for success. </p>	<ul style="list-style-type: none"> • Interest in College Level Studies • Strong Teacher Recommendation • Successful completion of honors level pre-requisite courses • Successful completion of current AP course (preferably 80% average or above). • Evidence of developed college level academic skills (i.e. FSA 5+, pass all sections of PERT or PSAT AP Potential Reports). 	<ul style="list-style-type: none"> • Daily attendance in class. • Focused & engaged in class lessons. • Increased amount of outside of class work. • Complete & turn in assignments & lab reports on time. • Prepare for quizzes & tests throughout the school year. • Strong and consistent work ethic and integrity. • Able to work effectively in groups and equally contribute. • Communication with instructor concerning challenges. • Effective time management & organization skills. • Dedicate additional time preparing for inquiry labs, difficult tests & free response writings. • Ability to apply critical and creative thinking skills. • Communication of work from inquiry-based learning (such as science projects or lab reports).