SENIOR YEAR PROGRAM
Seniors enroll as full-time students at WPI and take their classes on the WPI campus, located at 100 Institute Road, Worcester, Mass. Their school year begins in late August and concludes with graduation from Mass Academy in May. They follow a college schedule, meeting regularly with Mass Academy’s school counselor and their individual faculty advisors, who monitor their academic progress and assist with their college application process. Mass Academy seniors must successfully complete three WPI courses in each of four seven-week terms, for a total of 12 courses. In every term, students are required to take one course in each of these major academic areas. They also must fulfill requirements for Physical Education and complete a Senior Independent Study Project (SISP).

Mathematics: Students typically take the four-term Calculus sequence. More advanced students work with the Math Modeling teacher to identify appropriate courses best suited to their interests and background.

Science: Seniors have the opportunity to choose among single and/or sequential courses in Physics, Chemistry, Biology, Computer Science, and Engineering.

Humanities: Students are required to take four Humanities courses. Two must be in English (i.e., Literature) or Writing. The others may be in the Social Sciences, History, Philosophy, Foreign Languages, or the Arts.

Physical Education: Seniors must enroll in either two one-term Physical Education courses at WPI, two independent classes in an area of physical activity (i.e., dance, gymnastics, karate), or participate in an organized sports program for two of the four terms.

Senior Independent Study Project (SISP): Each senior must complete an Independent Study Project that involves approximately 100 hours pursuing a subject or area of interest that results in new learning beyond the traditional academic experience. Past SISP projects have included quilt-making, cooking, woodcarving, EMT training, learning a new language, learning to play a musical instrument, and publishing a book.

EXTRACURRICULAR ACTIVITIES, ATHLETICS, AND COMMUNITY SERVICE
As a Mass Academy student, you are eligible to participate in a variety of extracurricular activities and events, including…

- Biotechnology
- CAD
- Creative Engineering and Design
- ColorFest
- FIRST Robotics
- Math Team
- Programming Team
- School Newspaper
- Slam Poetry
- Student Government
- WPI Concert Band
- Yearbook

Athletics: Students may be eligible to participate on high-school sports teams by applying for MIAA Rule 52 waivers with their sending schools.

Community Service: Each student gives back to the community by completing 10 hours of community service each year. Many students fulfill their community service during the summer.

Massachusetts Academy of Math and Science
A Public High School at a Prestigious University

NOTICE OF NONDISCRIMINATORY POLICY AS TO STUDENTS
It is the policy of the Massachusetts Academy of Mathematics and Science that each qualified individual, regardless of race, sex, age, color, national origin, religion, genetic identity, disability, gender identity or expression, marital or parental status, sexual orientation, transgender status, veteran status, or any other legally protected status, shall have equal opportunity in education and services of the Massachusetts Academy of Mathematics and Science.
A Public High School at a Prestigious University

Current high school sophomores who are residents of the Commonwealth of Massachusetts are welcome to apply for admission to Mass Academy’s Junior class. Deadlines, application information, and our residency requirement can be found at massacademy.org.

Mass Academy accepts approximately 30 new students to the junior class each year, and admission is highly selective. Candidates are typically high honor students in their home schools, and many are in the top percentages of their class. Applicants often have impressive extracurricular activities and high standardized test scores. Ideal candidates also demonstrate a commitment to learning with and from others in a collaborative environment.

Interested students are encouraged to attend an information session and review our website.

JUNIOR YEAR PROGRAM

As a junior, you will follow a rigorous and well-rounded course of study, guided by expert faculty and grounded in a wide range of engagement and exploration.

Computer Science: This course begins with web design techniques and implementation. Students are responsible for designing, developing, and maintaining their own personal and professional electronic resumes.

Mathematical Modeling: This course goes beyond the traditional high school mathematics curriculum by engaging students in open-ended problem solving, computer simulations, and collaborative work. Students use a mathematical approach to model real-world situations through the application of algebra, geometry, and statistics.

Physical Education: This course focuses on scientific research and engineering. Students participate in extracurricular activities at either Mass Academy or their sending schools during at least two of the four academic terms. Mass Academy extracurricular activities usually include Cross Country, Backstroke, CyberPanther, Math team, CAD, Art, and FIRST Robotics. In addition, students may participate in WPI’s intramural program and play on their sending school’s athletic teams with approval from the sending district.

THE RIGHT TIME AND PLACE TO PROPEL YOUR FUTURE

As Mass Academy, you’ll find an active learning community that is serious, informal, and demanding while supportive. It offers great opportunities for extraordinary students.

Small Classes: Receive personalized attention in a collaborative environment where class sizes rarely exceed 18 students.

Challenging Curriculum: Challenge yourself with demanding courses that exceed high school standards.

Active Engagement: Become an active participant in learning through hands-on experimentation, open-ended problem solving, inquiry-based discussions, and group projects.

Unique Opportunities: Explore a range of career traditions and fun opportunities, such as participating on the FIRST Robotics team; competing at State and International Science fairs as well as Computer Science and Math Competitions; performing with WPI musical ensembles; participating in local internships; and engaging in community service projects.

Hard Work That Pays Off: Prepare for your future by taking college courses and studying real-world applications.

Each year Mass Academy graduates are accepted at such prestigious schools as WPI, Tufts, Boston University, MIT, and many others. Juniors take a special program of challenging, project- and problem-based, interactive courses. Seniors attend classes at WPI, a premier science and engineering university, making Mass Academy the only public school in the state at which all students attend a private university full-time as high school seniors.