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| **MassCore Framework****Massachusetts High School Program of Studies** |
| **SUBJECT** | **UNITS** | **NOTES** |
| **English Language Arts** | **4 Units** |  |
| **Mathematics** | **4 Units** | Including completion of Algebra II or the Integrated Mathematics equivalent. A mathematics course during senior year is recommended for all students. Students may substitute one unit of **Computer Science** that includes rigorous mathematical concepts and aligns with the Digital Literacy and Computer Science standards for a mathematics course.  |
| **Science** | **3 Units of lab-based science** | Coursework in technology/engineering courses may also count for MassCore science credit. Students may substitute one unit of **Computer Science** that includes rigorous scientific concepts and aligns with the Digital Literacy and Computer Science standards for a laboratory science course. |
| **History and Social Science** | **3 Units** | Including U.S. History and World History. |
| **World Language** | **2 Units** | Of the same language. |
| **Physical Education** | **As required by law** | “Physical education shall be taught as a required subject in all grades for all students” (M.G.L. c.71 §3). |
| **Arts** | **1 Unit** |  |
| **Additional Core Courses** | **5 Units** | Other additional coursework (including Career and Technical Education) or any of the above. |
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| \*A unit represents a full academic year of study or its equivalent in a subject that covers all the standards contained in a specific Curriculum Framework. \*\* Students enrolled in a state-approved Career and Technical Education program of studies have the option of opting out of World Language and Art and still fulfill MassCore. \*\*\* districts may designate students with demonstrated fluency and literacy in language(s) other than English as meeting the MassCore recommendations for World languageMassCore is a recommended program of study Massachusetts high school students need to excel in college, career, and civic life. Developed by an advisory group from elementary and secondary education, higher education, nonprofits, and the private sector, MassCore maintains flexibility for students while letting districts set additional graduation requirements. Courses included in MassCore should be rigorous, engaging, and based on appropriate learning standards for high school or beyond. Fulfilling MassCore is just a start. Students should also engage in a full range of additional learning opportunities, such as: accelerated/advanced coursework; capstones or senior projects; dual enrollment courses; online courses; service learning; work-based learning; clubs and student organizations; varsity and intramural athletics; and part-time employment. |