

Health and Science School Course Sequence for High School 2016/2017							
9th Grade	Credit	10th Grade	Credit	11th Grade	Credit	12th Grade	Credit
9 Language Arts	2.0	10 Language Arts	2.0	Writing 120	1.0	Writing 121*	1.0
9 Social Studies		10 Social Studies		Government/Econ.	1.0	Law	1.0
Math Sequence: see below	1.0	Math Sequence: see below	1.0	Math Sequence: see below	1.0	Math Sequence: see below	1.0
Physics	1.0	Chemistry*	1.0	Biology* Health 1 and 2*	2.0	Computer Lit I (E) Filmmaking I (E)	1.0
Introduction to Biotechnology & Engineering*	1.0	Human Body Systems* Principles of Engineering*	1.0	Medical Interventions* Digital Electronics*	1.0	Biomedical Innovations* Engineering Design & Development	1.0
Spanish or AVID**	1.0	Spanish or AVID**	1.0	Spanish or AVID**	1.0	Spanish or AVID**	1.0
PE (credit by proficiency)	.5	PE (credit by proficiency)	.5	Computer Lit. I (elective) Filmmaking I (elective)	1.0		
Total Credits	6.5	Total Credits	6.5	Total Credits	7.0	Total Credits	6.0

***Dual Credit Courses:** Not all dual credit courses are weighted. A college transcript can be obtained from the school connected to the course. Not all colleges accept the course as dual credit. Parents are responsible for checking into the college their student may attend.

**** AVID:** Advancement Via Individual Determination (AVID) is an academic elective course that emphasizes rhetorical reading, analytical writing, collaborative discussion strategies, tutorial inquiry study groups, preparation for college entrance and placement exams, college study skills and test-taking strategies, note-taking and research. AVID prepares and supports students for entry into the most rigorous high school courses. An application and interview are required to be considered. Email Christine_mugglie@beaverton.k12.or.us

Math Sequence: AGS 1, AGS 2, AGS 3, Pre-Calculus or Statistics 1*, Calculus*. AGS 1,2 and 3 is a three-course sequence that includes mastery of the following content: Number & Quantity, Algebra, Functions, Geometry and Probability & Statistics. This sequence insures students meet Common Core State Standards in mathematics. Students will have multiple opportunities to demonstrate their proficiency in each content area, and strengthen their college and career readiness in mathematics. .

Spanish Courses Offered: Spanish 1, Spanish 2, Spanish 3 and Spanish 4* **For Native Speakers:** Spanish Lit/Comp 1 through 3.

Internships: We strive to connect every student with opportunities to explore potential career paths through meaningful partnerships with businesses, agencies and individuals. Our goal is through these experiences our students will be college and career ready with clear direction and enthusiasm. (MUST SIGN UP FOR THIS OPPORTUNITY, email Jessica_Lewis@beaverton.k12.or.us)