

Health and Science School Course Sequence for High School 2018/2019

9th Grade	Credit	10th Grade	Credit	11th Grade	Credit	12th Grade	Credit
Humanities 9 Language Arts 9 Social Studies	2.0	Humanities II 10 Language Arts 10 Social Studies	2.0	Writing 120 Government/Econ.	1.0 1.0	*Writing 121 (DC) Law	1.0 1.0
Math Sequence: see below *Calculus (DC) *Statistics (AP)	1.0	Math Sequence: see below *Calculus (DC) *Statistics (AP)	1.0	Math Sequence: see below  *Calculus (DC) *Statistics (AP)	1.0	Math Sequence: see below  *Calculus (DC) *Statistics (AP)	1.0
Physics	1.0	*Chemistry	1.0	*Biology *Health 1 and 2	2.0	Computer Lit I (E) Filmmaking I (E)	1.0 1.0
*Biotechnology & Engineering Design (DC)	1.0	*Human Body Systems  *Principles of Engineering (DC)	1.0	*Medical Interventions  *Digital Electronics (DC)	1.0	*Biomedical Innovations (DC)  Engineering Design & Development (DC)	1.0  1.0
**Spanish or AVID ***Internships *Spanish IV (DC)	1.0	**Spanish or AVID ***Internships *Spanish IV (DC)	1.0	**Spanish or AVID ***Internships *Spanish IV (DC)	1.0	**Spanish or AVID ***Internships *Spanish IV (DC)	1.0
****PE (credit by proficiency)		****PE (credit by proficiency)		****PE (credit by Proficiency)  Computer Lit. I (elective) Filmmaking I (elective)	  1.0 1.0	****PE (credit by Proficiency)  Credit Recovery	
Total Credits	6.0	Total Credits	6.0	Total Credits	7.0	Total Credits	6.0

**\*Dual Credit Courses:** Not all dual credit courses are weighted. The only dual credit courses that are weighted have a DC or AP at the end of the course title. 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\\_muggli@beaverton.k12.or.us](mailto:Christine_muggli@beaverton.k12.or.us)

**\*\*Spanish Courses Offered:** Spanish 1, Spanish 2, Spanish 3 and Spanish 4 (DC)\* **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](mailto:Jessica.Lewis@beaverton.k12.or.us))

\*\*\*\* **PE (credit by proficiency)** is a log where by the student keeps track of their physical activity (130 hours are required for a full credit). This log can be turned in when it is complete but it must be turned in by May of their graduating year. You will find the log online under “Health and Science” also in the Future Center or Front Office.

**Math Sequence:** AGS 1, AGS 2, AGS 3, Pre-Calculus or \*Statistics **(AP)\***, Calculus 1\* **(DC)**. 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. .