



Subject	Course	Title	Description	Pre-Requisites	Credits	High School (schools with an * are tentativ)
BIOL	108	Human Biology	Overview of human body functions, including an introduction to some anatomy and physiology, nutrition and exercise, and modern medical advances. This course is intended for non-science majors. Course includes a laboratory. Fulfills laboratory science course requirement at BC.	Recommended: High School Biology.	6	Offered at Newport High, Sammamish High, Bellevue High, Liberty Bell HS, and GarPal HS
BIOL&	160	General Biology	Introduces the major concepts of cell biology, including cell physiology and structure, molecular biology, genetics, and evolution. Course is a prerequisite for professional health-science programs. Format includes laboratory work. Fulfills laboratory science course requirement at BC.	<i>STRONGLY RECOMMENDED</i> : CHEM& 121, CHEM& 140 or one year of high school chemistry.	6	Offered at Tesla STEM and Mount Si*
BIOL	162	General Biology II	Surveys systems and processes, and diversity of living organisms and their environment. Format includes laboratory work.	Recommended: BIOL& 160	6	Offered at Mount Si High*
CHEM&	140	General Chemistry	Preparatory chemistry for science and engineering majors intending to take the general chemistry series.	Math 099 with a c OR Better or placement into precalculus	6	Offered at Newport high, Bellevue High, and Sammamish High
ENGL&	101	English Composition I	Develops Clear, effective writing skills and emphasizes writing as a process. Students practice writing in a variety of forms and modes	Placement by assessment into ENGL 092 or ENGL 093 with a C- or better.	5	Offered at Mount Si High, Bellevue High, Big Picture, Interlake High, Newport High, Sammamish High, and International School

ENGL&	111	Introduction to Literature I	Surveys the major literary genres: poetry, drama, and fiction.	Recommended: ENGL& 101 placement or higher.	5	Offered at Mount Si High and Newport High
ENGL&	115	The Film as Literature	Introduces the critical study of the motion picture as an expressive medium comparable to literary art. Students focus on cultural tradition and values.	Recommended: ENGL& 101 placement or higher.	5	Offered Bellevue High, Newport High and Interlake High
ENGL&	244	American Literature I	Surveys the early American literary scene. Authors and works vary, but typically include Edwards, Franklin, Thoreau, Hawthorne and Melville.	<i>RECOMMENDED:</i> ENGL& 101 or ENGL 201 or a literature course in the 100 series.	5	Offered at Mount Si High and Lindberg High
ENGL&	245	American Literature II	Explores American literature of the Realistic period, later 1800's-1920's, emphasizing diverse and marginalized voices.	<i>RECOMMENDED:</i> ENGL& 101 or ENGL 201 or a literature course in the 100 series.	5	Offered at Lindberg High
ENGL&	246	American Literature III	Explores 20th and 21st century American Literature, emphasizing xpatriate, innovative, and diverse and marginalized voices.	<i>RECOMMENDED:</i> ENGL& 101 or ENGL 201 or a literature course in the 100 series.	5	Offered at Lindberg High
ENGL	247	Writing Poetry I	Focuses on the craft of poetry. Covers rhythm, image (simile, metaphor, symbol), voice tone, and open and traditional forms. Students write and critique poetry and read the work of established poets. Suitable for beginning or experienced poets.	<i>RECOMMENDED:</i> ENGL& 101 placement or higher.	5	Offered at Mount Si High

ENVS&	100	Survey of Environmental Science	Surveys components of ecosystems, including energy flow and the structure and dynamics of populations and communities. Students review the process that affect natural environments, examine the impact of human activities on ecosystems, and discuss current environmental issues.	<i>None</i>	5	Offered at GarPal High
MATH&	107	Math in Society	Applies mathematics to contemporary issues. Topics include networks, scheduling, data analysis, and may also include voting methods, linear programming, game theory, growth and decay, or fair division problems. Designed for liberal arts students. Fulfills the quantitative or symbolic reasoning course requirement at BC.	Placement by assessment or BC MATH 098 or MATH 078 with a C or better.	5	Offered at Newport, International, Interlake, Bellevue and Highline High schools.
Math	130	Introduction to Statistics	Emphasis on gathering and interpreting data. Material has applications in the medical fields, as well as the Social Sciences. Fulfills the quantitative or symbolic reasoning course requirement at BC.	Placement by assessment or Math 098 or MATH 078 with a C or better.	5	Offered at Newport, Bellevue Lake Washington, Sammamish, Interlake Big Picture and Highline High Schools
MATH	138	College Algebra for Business & Social Science	Examines graphs, non-trigonometric elementary functions, systems of equations and inequalities, and probability, emphasizing uses in business and social science. Either MATH& 141 or MATH 138 may be taken for credit, not both. MATH 138 is required before taking MATH& 148. Fulfills quantitative or symbolic reasoning course requirement at BC.	Placement by assessment, or MATH 099 with a B- or better.	5	Offered at Interlake, Newport, and Bellevue High schools

MATH&	141	Precalculus I	Emphasizes graphs and polynomial functions. Other topics include the theory of equations and rational, exponential, inverse, and logarithmic functions. MATH 138 is required before taking MATH& 148. Fulfills quantitative or symbolic reasoning course requirement at BC.	Placement by assessment, or MATH 099 with a B- or better.	5	Offered at International, Sammamish, Mount Si, Newport, Bellevue and Big Picture High Schools
MATH&	142	Precalculus II	Prepares students for the MATH& 151/152/153 calculus sequence. Students work intensively with functional trigonometry, polar coordinates, translation and rotation of axes, plane analytic geometry, lines and planes in space, and non-linear systems. Fulfills the quantitative or symbolic reasoning course requirement at BC.	Placement by assessment, or MATH& 141 with a C- or better.	5	Offered at International, Sammamish, Mount Si, Newport, Bellevue and Big Picture High Schools
MATH&	148	Business Calculus	Surveys differential and integral calculus, emphasizing uses in business and social science. Intended for students who wish only a brief course in calculus. Either MATH& 151 or Math& 148 may be taken for credit, not both. Fulfills the quantitative or symbolic reasoning source requirement at BC.	Placement by assessment, or MATH 138 with a C- or better.	5	Offered at Newport High school
MATH&	151	Calculus I	Introduces the concepts of limits, derivatives, and integrals. Topics include techniques and applications of derivatives of algebraic or transcendental functions. Students begin working with antiderivatives. Either MATH& 151 or MATH& 148 may be taken for credit, not both. Fulfills the quantitative or symbolic reasoning course requirement at BC.	Placement by assessment or MATH& 142 with a C- or better, or Advanced Placement score of 2 or higher on AB or BC exam	5	Offered at International, Newport, Bellevue, Sammamish, Interlake, Liberty, Mount Si, and Lake Washington High Schools

MATH&	152	Calculus II	Continues the study of integration, emphasizing applications and special techniques. Students work with algebraic and transcendental functions. Fulfills the quantitative or symbolic reasoning course requirement at BC.	<i>RECOMMENDED:</i> MATH& 151.	5	Offered at International, Newport, Bellevue, Sammamish, Interlake, Liberty, Mount Si, and Lake Washington High Schools
MATH&	153	Calculus III	Emphasizes the study of infinite sequences and series including power series. Topics include plane analytic geometry, graphing in polar coordinates, and an introduction to vectors. Fulfills the quantitative or symbolic reasoning course requirements at BC.	Placement by assessment or MATH& 152 with a C or better.	5	Offered at International, Newport, Bellevue, Sammamish, Interlake, Liberty, Mount Si, Lake Washington, Inglemoor, and North Creek High Schools
MATH	208	Introduction to Linear Algebra	Introduces the vocabulary, algebra and geometry of vector spaces in 'R' and function spaces. Student use the matrix methods and vectors to explore systems of linear equations and transformations. Also presents elementary theory of eigenvalues. Fulfills the quantitative or symbolic reasoning course requirement at BC.	Placement by assessment or MATH& 152 or higher with a C or better. Preferred: MATH& 153 or MATH7 254	5	Offered at Newport High

MATH	238	Differential Equations	Uses tools from algebra and calculus in solving first- and second-order linear differential equations. Students focus on applying differential equations in modeling physical situations, and using power series methods and numerical techniques when explicit solutions are unavailable. May include work with Laplace Transforms and systems of differential equations. Fulfills the quantitative or symbolic reasoning course requirement at BC.	<i>RECOMMENDED:</i> MATH& 153 and MATH 208 Prerequisite: Placement by assessment or MATH 152 with a C or better.	5	Offered at Sammamish High and Newport High
MATH&	254	Calculus IV	Extends the concepts of calculus to vector-valued functions and functions of several variables. Partial derivatives are included. Fulfills the quantitative or symbolic reasoning course requirement at BC.	<i>RECOMMENDED:</i> MATH& 152 Prerequisite: Placement by assessment or MATH 152 with a C or better.	5	Offered at International, Newport, Bellevue, Sammamish, Liberty, Inglemoor, and North Creek High Schools
OCEA&	101	Introduction to Oceanography w/ Lab	Introduces physical and chemical oceanography, marine biology, and plate tectonics. Students also discuss environmental issues. Format includes lab work and/or field studies. Fulfills laboratory science course requirement at BC.	None	6	Offered at Newport High
FRCH&	122	French II	Continues FRCH& 121.	FRCH& 121, or permission of instructor.	5	Offered at Mount Si
FRCH&	123	French III	Continues FRCH&121--	FRCH& 121 or permission of instructor.	5	Offered at International, Newport, Interlake, Mound Si, and Lake
FRCH&	221	French IV	Reviews and expands on first-year French grammar. Students increase their oral and written competencies, working in an authentic literary and cultural context.	FRCH& 123 or permission of instructor.	5	Offered at Interlake, Newport, International, and Lake Washington High Schools

FRCH&	222	French V	Continues FRCH& 221	FRCH& 221 or permission of instructor	5	Offered at Interlake High
FRCH&	223	French VI	Continues FRCH& 222	FRCH& 222 or permission of instructor.	5	Offered at Interlake High
SPAN&	123	Spanish III	Continues SPAN&122. Format includes extensive audio and Internet usage. This class is not intended for "Heritage Speakers" (i.e. Students who grew up speaking Spanish). Please refer to "Spanish for Heritage Speakers" SPAN&232 if you grew up speaking Spanish without ever having formal instruction.	SPAN&122 or permission of instructor.	5	Offered at Bellevue, Sammamish, Big Picture, Lake Washington, and Mount Si High Schools
SPAN&	221	Spanish IV	Reviews first-year grammar concepts and expands on vocabulary acquisition. Students practice integrating the four major languages skills: listening, speaking, reading and writing, and further develop their cultural competency by working on authentic material from the Spanish-speaking world. Oral communication is emphasized. Format includes extensive audio and Internet usage.	SPAN& 123 or permission of instructor.	5	Offered at Interlake, Newport, Bellevue, Sammamish, Lake Washington, Mount Si, and Liberty High Schools.
SPAN&	222	Spanish V	Continues SPAN&221--Format includes extensive audio and Internet usage.	SPAN& 221 or permission of instructor.	5	Offered at Liberty High, Newport High and Lake Washington High
SPAN&	223	Spanish VI	Continues SPAN& 222. Format includes extensive audio and Internet usage.	SPAN& 222 or permission of instructor.	5	Offered at Newport High