

# Courses

## LINGUISTICS

### LING 181 (3 CR) TEACHING METHODS

Further identifies major approaches to language teaching and teaching techniques associated with them. Focuses on creating lesson plans by utilizing various teaching techniques. Prerequisite: LING 180. (NE)

### LING 182 (3 CR) CLASSROOM MANAGEMENT

Designed to prepare students in classroom management as First People's Language instructors. Includes how teachers physically structure classrooms; how to design lessons and present materials; and how to envision and assess the academic, social and emotional outcomes of students. Emphasis: Washington State Essential Academic Learning Requirements as a guideline in developing student outcomes assessment. Prerequisite: LING 181 or permission of instructor. (NE)

### LING 188/288 (1-5 CR) TOPICS IN LINGUISTICS

Taught in a classroom setting. (NE)

### LING 189/289 (1-5 CR) INDIVIDUALIZED STUDIES IN LINGUISTICS

Individualized learning contracts between a student and an instructor. (NE)

### LING 197/297 (1-6 CR) INTERNSHIP/PRACTICUM IN LINGUISTICS

Participation in an internship/practicum project under the direction of a faculty member in consultation with a professional in the field. (NE)

### LING 205 (3 CR) LANGUAGE ACQUISITION THEORY

Investigates the basic theories of first and second language acquisition. Students expected to have a working knowledge of the data and argumentation for each major theory and be able to apply it to a language. (HT)

## MATHEMATICS

### MATH 070 (5 CR) BASIC MATHEMATICS

Designed to give the student a review of basic arithmetic through organized workbook activities, closely monitored by instructors. Covers whole numbers, primes and multiples, fractions and mixed numbers, decimals, ratio and proportion, percent, measurement, and signed numbers. (N)

### MATH 085 (3 CR) PRE-ALGEBRA

Rigorous algebra preparatory course covering concepts such as absolute value, operations with signed numbers, orders of operations, inequality, fractions, mixed numbers, percents, exponents and scientific notation, properties of exponents, square roots, like terms, factoring, algebraic expressions and word problems. (N)

### MATH 090 (3-5 CR) CONSUMER MATHEMATICS

Consumer-oriented application of basic mathematics skills. Topics include buying and maintaining a car, banking and investing, paying taxes, budgeting money, shopping for food and clothes, and managing a household. (N)

### MATH 098 (5 CR) ELEMENTARY ALGEBRA

Review of arithmetic, order of operations, exponents, absolute values, linear equations and inequalities, monomials, polynomials, factoring polynomials, combining polynomials, and fractions of algebra. Prerequisite MATH 070 or Placement test. (N)

### MATH 099 (5 CR) INTERMEDIATE ALGEBRA

Operations with polynomials, factoring trinomials, solving linear and quadratic equations, graphing and the rectangular coordinate system, function notation, inequalities, systems of linear equations, rational expressions, radicals and complex numbers, completing the square and the quadratic formula. Prerequisite: MATH 098 or Placement test. (N)

## MATHEMATICS

### MATH 102 (5 CR) COLLEGE ALGEBRA

Simplifying, multiplying, dividing, adding, subtracting, graphing, and solving rational expressions. Working with exponents, scientific notation, rational exponents, radicals, and complex numbers. Also, completing the square, the quadratic formula, and the discriminant. Prerequisite: MATH 099 or Placement test. (QS, NS)

**\*COURSE REVISED 02.26.13\***

### MATH 103 (5 CR) PRECALCULUS I

Presents linear, quadratic, cubic, reciprocal, exponential and logarithmic functions in their multiple representations and their use as models for concrete applications. Explores the concept and application of transformations, compositions and inverse of a function. Prerequisite: C or better in MATH 102 or Placement test. (QS, NS)

### MATH 105 (5 CR) PRECALCULUS II

Covers data analysis, modeling, trigonometry, trigonometric functions and their inverses, vectors and limits. Prerequisite: MATH 103 or Placement test. (QS, NS)

### MATH 107 (5 CR) ELEMENTARY STATISTICS I

Explains concepts of samples, populations, descriptive versus inferential statistics, quantitative versus qualitative data, continuous versus discrete numerical data, mean, median, mode, range, and standard deviation. Emphasizes skill in constructing bar graphs, histograms, and using the binomial table and the normal curve to find probabilities of data occurrence. Prerequisite: MATH 099 or test above Intermediate Algebra. (QS, NS)

### MATH 124 (5 CR) CALCULUS & ANALYTIC GEOMETRY

Covers derivatives, computing derivatives, curve sketching, optimization, and problem solving. Prerequisite: MATH 105 or Placement test. (QS, NS)

CS – Communication Skills

NASD– Native American Studies

NS-Natural Science

QS-Quantitative Skills

HT – Humanities Theory

NE-Non Transferable Elective

NSL-Natural Science Lab

SS-Social Science

HP – Humanities Performance

TE-Transferable Elective

N-Non-Applicable



May include Indigenous Service Learning Component