



Oregon
University
System

Enrollment Services

Subject Requirement Policy and Guidelines for Admission to the 2002-03 Academic Year

Subject Area (select one to view guidelines for that subject):

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The Oregon University System (OUS) is in the initial stages of implementing the Proficiency-based Admission Standards System (PASS). During this period, the admissions of students will support both proficiency-based and the customary seat-time (gpa and college preparatory) process. Seat-time requirements include satisfactory completion (C- or better) of courses that meet specific content area requirements. Specific descriptions of the subject requirements are provided below. Descriptions of the PASS content area requirements may be found at www.ous.edu/pass

ENGLISH

GUIDELINES FOR SUBMISSION OF COLLEGE PREPARATORY COURSE LIST

The College Preparatory Course List submitted by your high school will be used to determine the admission eligibility of students wishing to enter an Oregon public university for the academic year. Effective for students entering OUS campuses in Fall 2005, a grade of C- or above must be earned in order for a course to be accepted. In selecting which courses in your high school's curriculum are college preparatory, please consider the following:

1. **English** (4 units). Shall include the study of the English language, literature, speaking and listening, and writing, with emphasis on and frequent practice in writing expository prose during all four years.

English courses in high school which are designated "college preparatory" demonstrate these characteristics:

- Contain a substantial amount of reading and writing;
- Include critical thinking (interpreting, analyzing, and summarizing) in oral communication skills;
- Use instructional materials at or beyond grade level;

- May be advanced placement, honors, or college-level work;
- May integrate study skills, but do not make them the primary focus in the course.

MATHEMATICS

2. The **mathematics** requirement statement as approved for admission to the academic year follows:

SPECIAL NOTE: Regardless of the pattern of math courses or the number of years of math taken, the math coursework must culminate at the Algebra II (or equivalent) or higher level to meet the math requirement. Please mark all Algebra II or higher level courses with an asterisk.

- **Mathematics** (3 units). Shall include first year algebra and two additional years of college preparatory mathematics selected from geometry (deductive or descriptive), advanced topics in algebra, trigonometry, analytical geometry, finite mathematics, advanced applications, calculus, probability and statistics, or courses that integrate topics from two or more of these areas. (One unit is highly recommended in the senior year. Algebra and geometry taken prior to the ninth grade will be accepted.) Approved Applied Academic Course: Applied Mathematics (see reverse side).
- Completion of Math 95 or its equivalent fulfills in total the mathematics subject requirement.
- Integrated Mathematics 1, 2, and 3, Unified Mathematics 1, 2, and 3, and Applied Mathematics are college preparatory and can be used to meet the subject requirement in mathematics.

APPLIED MATHEMATICS

General Admission Policy

Applied Mathematics courses, as defined by the Mathematics Committee, are acceptable in meeting the college preparatory standard in mathematics. These courses are approved for a period in which appropriate outcomes for student preparation for college-level mathematics work will be studied.

Definition of Approved Applied Mathematics Courses for the Mathematics Subject Requirement

- Either a course: One Applied Mathematics course plus four mathematics courses (two of which must be above Algebra I) that results in an outcome equivalent to Algebra II or higher.
- Or a sequence of courses: A sequence of Applied Mathematics courses that includes content defined by The Center for Occupational Research and Development's (CORD) Applied Mathematics Curriculum through unit 33, plus one semester of geometry, and that results in an outcome equivalent to Algebra II or higher.

SCIENCE

3. The **science** requirement statement as approved for admission to the academic year follows:

- **Science** (2 units). Shall include a year each in two fields of college preparatory science such as biology, chemistry, physics, or earth and physical science; one recommended as a laboratory science. Approved Applied Academic Course: Physics/Principles of Technology.

Laboratory and Field Work:

- The ability to distinguish between scientific evidence and personal opinion by inquiry and questioning;
- The ability to recognize the role of observation and experimentation in the development of scientific theories;;
- Sufficient familiarity with laboratory and field work to ask appropriate scientific questions and to recognize what is involved in experimental approaches to the solutions of such questions;
- The skills to gather scientific information through laboratory and field work;
- The ability to organize and communicate the results obtained by observation and experimentation.

Mathematical skills need to be found in each college preparatory science course as listed:

- The ability to interpret data presented in tabular and graphic form;
- The ability to draw conclusions or make inferences from data;
- The ability to select and apply mathematical relationships to scientific problems;
- The ability to use mathematical relationships to describe results by observation and experimentation;
- The ability to interpret, in nonmathematical language, relationships presented in mathematical form.

General Admission Policy

An Applied Physics/Principles of Technology course, as defined by the science committee, is acceptable in meeting one of the two units of the college preparatory standard in science.

Definition of Approved Applied Physics/Principles of Technology Courses for the Science Subject Requirement

The approved principles of technology course meets only one year of the two-year requirement in science.

The approved principles of technology course should contain at least six units (equals one year of physical science) of the curricular content as prepared and defined by The Center for Occupational Research and Development (CORD).

A second year (7 to 14 units of the CORD curriculum) of principles of technology may be only applied to meeting one of the two units of college preparatory electives.

SOCIAL STUDIES

4. **Social Studies** (3 units). Shall include one year of U.S. history, one year of global studies (world history, geography, etc.), and one year of a social studies elective (government strongly recommended). Approved Applied Academic Course: Applied Economics (see attached).

All college entrants will need the following general understanding of social studies:

- Basic factual knowledge of major political and economic institutions and their historical development;
- Basic factual knowledge of the social and cultural fields of history;
- An introductory knowledge of the content and concepts of the social sciences;
- A grasp of major trends in the contemporary world (for example, nationalism or urbanization);
- Familiarity with a variety of written, numerical, and visual forms of data;
- Familiarity with the techniques of quantitative and nonquantitative analysis;
- Familiarity with diverse interpretations of data.

APPLIED ECONOMICS

General Admission Policy

Applied Economics courses, as defined by the Economics Committee, are acceptable in meeting the college preparatory admission standard in social studies.

Definition of Approved Applied Economics Courses for the Social Studies Subject Requirement

All high school economics and Applied Economics courses acceptable for meeting the OUS college preparatory admission standard should have the curricular content of the 22 Basic Economic concepts, as identified in the publication: *Master Curriculum Guide Economics: A Framework for Teaching the Basic Concepts*, Second Edition, New York: Joint Council on Economic Education, 1984, 71 pp.

The Applied Economics course and curriculum as developed and defined by Junior Achievement, Third Edition, July 1990, is acceptable toward meeting the college preparatory admission requirement in social studies.

Definition of Content of Approved Economics and Applied Economics Courses

All Economics and Applied economics courses approved for admission should have the content of the following "Basic Economic Concepts":

Fundamental Economic Concepts

1. Scarcity
2. Opportunity Cost and Trade-offs
3. Productivity
4. Economic Systems
5. Economic Institutions and Incentives
6. Exchange, Money, and Interdependence

Microeconomic Concepts

7. Markets and Prices
8. Supply and Demand
9. Competition and Market Structure
10. Income Distribution
11. Market Failures
12. The Role of Government

Macroeconomic Concepts

13. Gross National Product
14. Aggregate Supply
15. Aggregate Demand
16. Unemployment
17. Inflation and Deflation
18. Monetary Policy
19. Fiscal Policy

International Economic Concepts

20. Absolute and Comparative Advantage and Barriers to Trade
21. Balance of Payments and Exchange Rates
22. International Aspects of Growth and Stability

SECOND LANGUAGE

5. Second Language (2 units). Two years of the same high school-level foreign language; a C- or higher in the third year of a high school-level language; or two terms of a college-level foreign language with a grade of C- or higher; or satisfactory performance on an approved assessment of second language knowledge and/or proficiency. Demonstrated proficiency in American Sign Language (ASL) is acceptable in meeting the second language requirement.

All Students must complete one of the following:

- Two years of the same language in high school. Two years in middle school of the same foreign language would equate to one year of that language in high school. or;
- A third year class of a foreign language with a C- or better or;
- Two terms of the same foreign language at an accredited college or university or;
- Benchmark/Level IV passing score on the COFLT oral assessment or;
- Verification by other recognized National tests, such as the ACTFL OPI, AP, CLEP, SAT II, etc (see second language verification guidelines) or;
- Passing the foreign language placement exam offered by Brigham Young University.

Office of Academic Affairs

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