

UNIVERSITY OF MINNESOTA DULUTH
COURSES THAT MAY BE USED TO MEET HIGH SCHOOL
PREPARATION REQUIREMENTS

High School Course <u>Deficiency</u>	UMD Course(s) for <u>Elimination of Deficiency</u>
1. One year English	Writ 1120–College Writing OR SSP 1052–Writing Strategies (determined by ACT scores and advisement)
2. Two years English	Writ 1120 - College Writing and One 1xxx-level Engl course OR SSP 1052 - Writing Strategies (determined by ACT score and advisement) and Writ 1120-College Writing
3. Three years English	Writ 1120 - College Writing and Two 1xx-level Engl courses OR SSP 1052 - Writing Strategies (determined by ACT score and advisement) and Writ 1120-College Writing and One 1xxx-level Engl course
4. Fours years English	Writ 1120 - College Writing and Three 1xxx-level Engl courses OR SSP 1052- Writing Strategies (determined by ACT score and advisement) and Writ 1120-College Writing and Two 1xxx-level Engl courses
5. One year social studies (not U.S. history)	Any course in Liberal Education Category 6 - The Social Sciences
6. United States history	Any of the following courses: Hist 1304 - U.S. History Part I: 1607-1877 Hist 1305 - U.S. History Part II: 1865 to Present

High School Course <u>Deficiency</u>	UMD Course(s) for <u>Elimination of Deficiency</u>
7. Elementary algebra	Math 1005 - College Algebra Math 11760 - Finite Mathematics and Introduction to Calculus Math 1250 - Precalculus Analysis Math 1290 - Calculus for the Natural Sciences Math 1296 - Calculus I Math 1297 - Calculus II Algebra
8. Geometry	Math 0102 - Euclidean Geometry (cannot apply credit toward degree) Math 1250 - Precalculus Analysis Math 1141 - Mathematics for Elementary Education
9. Intermediate Algebra	Math 1005 - College Algebra Math 11760 - Finite Mathematics and Introduction to Calculus Math 1250 - Precalculus Analysis Math 1290 - Calculus for the Natural Sciences Math 1296 - Calculus I Math 1297 - Calculus II Algebra
10. One year Science	Any course in Liberal Education Category 4 - Physical and Biological Sciences with lab OR Category 5 - Physical and Biological Sciences without lab
11. One year Biological Science	One of the following courses: Biol 1001 - Biology and Society Biol 1011 - General Biology
12. One year Physical Science	One of the following courses: Ast 1040 - Introductory Astronomy Chem 1102 - Aspects of Chemistry Chem 1151 - General Chemistry Geol 1110 - Introductory Geology Geol 1610 - Oceanography Phys 1011 - Ideas in Physics Phys 1001 - Introduction to Physics
13. One year Second Language	Second semester of a second language. The languages offered at UMD are American Sign Language, Chinese, French, German, Italian, Ojibwe, Russian, and Spanish.
14. Two years Second Language	First and second semesters beginning level of a single second language. The languages offered at UMD are American Sign Language, Chinese, French, German, Italian, Ojibwe, Russian, and Spanish.