

Vermilion Community College  
 University of Minnesota Duluth  
**Transfer Program in Mathematics (Statistics Option)**

Listed below are the courses offered at Vermilion Community College that apply to the Bachelor of Science degree in Mathematics at the University of Minnesota Duluth. After successful completion of the listed Vermilion courses, students may complete the B. S. in Mathematics with additional full-time study at UMD.

<b>Vermilion Community College Courses to Complete</b>	<b>cr.</b>	<b>UMD Requirements Satisfied by Vermilion Courses</b>	<b>Cr.</b>
Engl 1511 College Composition	4	Comp 1120 College Writing	4
Math 1561 Calculus & Analyt. Geom. I	5	Math 1296 Calculus I	5
Math 1562 Calculus & Analyt. Geom. II	5	Math 1297 Calculus II	5
Liberal Education Electives/Req	46	Liberal Education courses	

**Courses to Complete at UMD:**

CS 1511 Computer Science I	5	Stat 5571 Probability	4
Math 3280 Differential Eq. w/ Linear Alg. or Math 3320 Intro to Linear Algebra	4 3	Stat 5572 Statistical Inference	4
Math 3298 Calculus III	4	Electives, two courses from the following list (6-7):	
Math 3941 Undergraduate Colloquium	1	Math 3299 Intermediate Analysis	3
Stat 3611 Introduction to Prob. & Stat.	4	Math 3355 Discrete Mathematics	4
Comp 31xx Advanced Writing	3	Math 5326 Linear Algebra I	3
Stat 5511 Regression Analysis	3	Minor Field Courses & Remaining Liberal Education	
Stat 5531 Probability Models	4		

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**Bachelor of Science in Mathematics**

Mathematics is the foundation discipline for science and has widespread utility in business, industrial, military, and scientific areas. The different options of studies offered at UMD provide students with the opportunity to develop mathematical techniques, sharpen mathematical reasoning, and prepare for graduate study and for careers in business, engineering, industry, government, and teaching.

*Revised 11/24/98*

**2 + 2 Programs in Mathematics**

**Further Information:**

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