

**ARTICULATION PLAN
BETWEEN
LAKE SUPERIOR COLLEGE
AND
UNIVERSITY OF MINNESOTA DULUTH**

This agreement will establish a *two + two program* between Lake Superior College and the University of Minnesota Duluth to create an educational career path for A. A. S. graduates at Lake Superior College to the program leading to a Bachelor of Science degree with a major in Computer Science at the University of Minnesota Duluth.

The University of Minnesota Duluth will accept Lake Superior College graduates from the Computer Programmer, Microcomputer Support Specialist, or the Network Specialist A. A. S. programs into the Computer Science degree program.

In order to complete a Bachelor of Science degree with a major in Computer Science and a minor in Mathematics, all students must fulfill the requirements for the B. S. degree.

Participants in this 2+2 program will finish the following requirements:

- Fulfillment of the UMD high school preparation requirements
- Completion of the A. A. S. degree requirements in the Computer Programmer program, the Microcomputer Support Specialist program, or the Network Specialist program
- Completion of the Minnesota Transfer Curriculum
- Completion of at least 60 transfer credits in courses that count toward a UMD degree, including the following Lake Superior College courses: CIS 1620, CIS 262 1, Calculus I & H, ENGL 1106, three laboratory science courses for science/engineering majors including a two-semester sequence in one of the sciences (such as Physics I & H), and at least 30 credits in courses chosen from Categories I and 5- 10 in the Minnesota Transfer Curriculum including Public Speaking.

For students satisfying these requirements prior to entering UMD, the completion of the requirements for the Bachelor of Science degree with a major in Computer Science is possible with an additional two years of course work, as shown below:

FALL

2521 COMPUTER ORGANIZATION
1315 (ECE) DIG SYS DESIGN
3320 (MA) R-4TR0 TO LINEAR ALG
CS BREADTH ELECTIVE*

FALL

4521 ADV DATA STRUCTURES
CS BREADTH ELECTIVE
CS ELECTIVE *
3242 (PHIL)VALUES & TECH

SPRING

2511 SOFTWARE DEVELOPMENT
3611 (STAT) PROB & STAT
3355 (MATH) DISCRETE MATH
MATH ELECTIVE

SPRING

CS BREADTH ELECTIVE *
CS ELECTIVE *
CS ELECTIVE *
31—ADVANCED COMPOSITION

The effective date of this agreement is September 1, 1999. This agreement will be reviewed annually to reflect changes in either the Lake Superior College or University of Minnesota Duluth programs.

*Subject to Computer Science Departmental approval in order to meet B. S. degree requirements.

Signature Present
Kathryn A. Martin, Chancellor
University of Minnesota, Duluth

Signature Present
Kathleen Nelson, President
Lake Superior College