

Lake Superior State University—Transfer Guide

Bay de Noc Community College

Transfer Major: Bachelor of Science Degree Mechanical Engineering

Contacts:	Student Services Bay de Noc Community College (906) 786-5802 x1259 or 1-800-221-2001 x1259	Valid For:	2004-2005 Bay Catalog
	Paul Duesing, Chair, Mechanical Engineering Lake Superior State University (906) 635-2137 or Admissions 1-888-800-5778 x2231		2004-2006 LSSU Catalog

Bay de Noc Community College	LSSU Equivalency	LSSU Bachelor of Science Degree Mechanical Engineering
<p>MACRAO Certification 25 (General Education Requirements)</p> <p>CH 105 General Chemistry 5 MA 141 Vec Analytic Geometry 5 MA 142 Analytic Geometry/Calc II 5 MA 243 Analytic Geometry/Calc III 5 MA 244 Differential Equations 3 PH 201 Elements of Physics I 4 PH 202 Elements of Physics II 4 PH 203 Calculus Appl to Physics I 1 PH 204 Calculus Appl to Physics II 1 PH 260 Statics 3 Electives 3</p> <p style="text-align: right;">TOTAL BAY CREDITS 64</p>	<p>MACRAO Certification 25 (General Education Requirements)</p> <p>CH 115 General Chemistry I 5 MA 151 Calculus I (4) and MA Elec (1) 5 MA 152 Calculus II (4) and MA Elec (1) 5 MA 251 Calculus III (4) and MA Elec (1) 5 MA 310 Differential Equations 3 PH 231 Applied Physics for Eng/Sci I 4 PH 232 Applied Physics for Eng/Sci II 4 PH Elective 1 PH Elective 1 EM 220 Statics 3 Electives 3</p> <p style="text-align: right;">TOTAL LSSU TRANSFER 64</p>	<p>Courses to Complete BS Degree:</p> <p>MA 308 Prob & Mathematical Statistics 3 EG 265 "C" Programming 3 EE 210 Circuits and Machines 4 EE 305 Analog and Digital Electronics 3 EG 140 Numerical Appl for Engineers 1 EG 340 Adv Numerical Appl for Eng 1 EM 320 Dynamics 4 ME 110 Manufacturing Processes I 3 ME 141 Parametric Modeling 2 ME 142 Descriptive Geometry 2 ME 225 Mechanics of Materials I 3 ME 240 Assembly Modeling & GD & T 3 ME 275 Engineering Materials I 3 ME 276 Strength of Materials Lab 1 ME 337 Thermodynamics 4 ME 338 Fluid Mechanics 3 ME 350 Machine Design I 4 ME 431 Heat Transfer 3 ME 432 Thermal & Fluids Lab 1 RS 460 Control Systems 4 Degree Option* 11-23 Senior Sequence** 6-9 MA 243 Calc Linear Alg (waived) EG 101 Intro Engineering (waived)</p> <p style="text-align: right;">TOTAL LSSU CREDITS 72</p>

APPROVED BY:

Dean Masters, Dean, Technology & Business (Date)
Bay de Noc Community College

Paul Duesing, Chair, Mechanical Engineering (Date)
Lake Superior State University

Students must have MACRAO certification from Bay de Noc Community College for agreement to be valid. Students should work with their community college transfer counselor to verify MACRAO requirements.

* Select an option from: Chemistry and Environmental; Mechanical Design; or Robotics and Automation. See LSSU Catalog for option details.

** Select a senior sequence from: Industrial Project; Co-op Project; or Research Project. See LSSU Catalog for sequence details.