

Northern Michigan University

Delta College Clinical Laboratory Science, B.S.

NMU's baccalaureate degree in Clinical Laboratory Science prepares students to perform a variety of laboratory assays on human and other types of specimens in clinical, research, commercial (biotechnology, pharmaceutical, etc.) and forensic laboratories to provide diagnostic data and information necessary to support health care, ensure quality control, facilitate product development and solve problems.

The program incorporates didactic and clinical education throughout the four-year curriculum. Students gain marketable skills after two years in the program through CLT certification. Upon completion of the degree, students are eligible to take one of the national certification tests: CLS/MT Generalist. The University maintains CLS affiliations with a variety of hospitals in Michigan, Wisconsin, and Minnesota. The sophomore and senior practicum provide an opportunity for students to experience two different clinical settings prior to graduation.

| Delta College Course # | Delta College -- Course Title | Credit Hours | NMU Equivalent | NMU Degree Requirements |
|------------------------|--|--------------|-------------------|--|
| | Select one course: ENG 111, ENG 111A, ENG 111B, ENG 111C, or ENG 111H | 3-5 | EN 111 | Liberal Studies, Div. I, Communication |
| | Select one course: ENG 112, ENG 112A, ENG 112H, or ENG 113 | 3-5 | EN 211 or EN 211D | Liberal Studies, Div. I, Communication |
| | Select two courses: (HIS 111 or HIS 111H), (HIS 112 or HIS 112H), IHU 201H, IHU 232, IHU 268, IHU 282H, LIT 201H, LIT 228, LIT 229, LIT 241, (LIT 245 or LIT 246), LIT 268, (LIT 271 or LIT 271H), (LIT 272 or LIT 272A), (LIT 274 or LIT 277 or LIT 278), PHL 203, PHL 205, PHL 207, PHL 210, (PHL 211 or PHL 211H), (PHL 213, PHL 213H, or PHL 230), PHL 214, PHL 215, (PHL 240 or PHL 240H), PHL 255, POL 215, or SSI 232 | 6-8 | | Liberal Studies, Div. II, Humanities |
| CHM 111 | General and Inorganic Chemistry I | 4 | CH 111 | Liberal Studies, Div. III, Natural Science/Math |
| CHM 112 | General and Inorganic Chemistry I | 4 | CH 112 | Liberal Studies, Div. III, Natural Science/Math |
| | Select two courses: GEO 113, (GEO 222, GEO 260, GEO 267, or GEO 268), (GEO 223, GEO 261, or GEO 262), HIS 221, HIS 222, (POL 103, POL 103C, POL 103H, POL 104, POL 104C, POL 104H, POL 111, or POL 111H), POL 222, (PSY 211, or PSY 211C, PSY 211H), (SOC 211 or SOC 211H), (SOC 212 or SOC 282H), (SOC 231 or SOC 231H) or SSI 268 | 6-8 | | Liberal Studies, Div. IV, Social Science |
| MTH 208 | Elementary Statistics | 3 | MA 171 | Liberal Studies, Div. V, Formal Comm. Studies & Other Required Courses |
| | Select one course: ARC 251, ART 151, ART 151H, ART 152, ART 251, ART 255, EMB 175, IHU 101, IHU 226, LIT 226, LIT 227, LIT 227C, MUS 111, MUS 112, MUS 118, SPH 215, or SPH 216 | 3 | | Liberal Studies, Div. VI, Visual & Performing Arts |

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|-----------------------------------|---|--------------|-----------|------------------------|
| LW 220 or LW 220H or LW 221 | Lifelong Wellness or Fitness and Wellness | 1-2 | HP 200 | Health Promotion |
| | Select any Physical Education activity course | 1 | HP Credit | Health Promotion |
| BIO 101 or BIO 140 | Introduction to Anatomy and Physiology or Essentials of Human Anatomy and Physiology | 4-5 | BI 104 | Other Required Courses |
| BIO 171 | Integrated General Biology I | 4 | BI 111 | Other Required Courses |
| MGT 245 | Principles of Management | 3 | MGT 240 | Other Required Courses |
| | | | | |
| | Total Credit Hours: | 45-55 | | |

Other Graduation Requirements:

1. Students can fulfill NMU's **world cultures** requirement by completing one of the following while at Delta College: GEO 113, GEO 222, GEO 255, GEO 260, GEO 267, GEO 268, POL 222, SOC 231, or SOC 231H;
2. At least one course in the Liberal Studies Program must be at the **300-level or above**. This requirement can be completed before attending the university if the transfer student selects a course that transfers at that level. At Delta College, the following courses meet this requirement: ART 151/152, GEO 222, GEO 223, GEO 260, GEO 261, GEO 262, GEO 267, GEO 268, LIT 245, LIT 246, LIT 268, LIT 271, LIT 271H, LIT 272, LIT 272A, LIT 274, LIT 277, LIT 278, PHL 240, PHL 240H, POL 215, POL 222, or SPH 216.

Note: A maximum of 64 semester credits and an additional 4 semester credits in physical education activity courses may transfer from a two-year community or junior college.

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For further information regarding the selection and transfer of courses, contact one of NMU's Transfer Admissions Counselors, at 1-800-682-9797 or transfer@nmu.edu.