

| Bachelor of Science in Medical Laboratory Science | |
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| MAJOR REQUIREMENTS/MEDICAL LABORATORY SCIENCE: 44 Credits | Credits |
| CE-111: General Chemistry I | 3.0 |
| CE-111L: General Chemistry I Lab | 1.0 |
| CE-112: General Chemistry II | 3.0 |
| CE-112L: General Chemistry II Lab | 1.0 |
| CE-221: Quantitative Analysis | 3.0 |
| CE-221L: Quantitative Analysis Lab | 2.0 |
| CE-241: Organic Chemistry I | 3.0 |
| CE-241L: Organic Chemistry I Lab | 2.0 |
| CE-242: Organic Chemistry II | 3.0 |
| BY-310: Biochemistry and Lab | 4.0 |
| BY-110: Introduction to Cell and Molecular Biology | 4.0 |
| BY-211: Physiology With Anatomy I | 4.0 |
| BY-212: Physiology With Anatomy II | 4.0 |
| BY-223: General Microbiology | 4.0 |
| BY-431: Immunology | 3.0 |
| INTERDISCIPLINARY REQUIREMENTS: 6 Credits | Credits |
| MA-115: Pre-Calculus Modeling for the Biological Sciences (a) | 3.0 |
| MA-151: Statistics with Applications | 3.0 |
| PROFESSIONAL CREDITS: 32 Credits (b, c) | Credits |
| ML-411: Clinical Internship I (c) | 16.0 |
| ML-412: Clinical Internship II | 16.0 |
| FREE ELECTIVES: 7 Credits | Credits |
| _____ | 7.0 |
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| <p>(a) May substitute MA116 or MA125, depending on placement.</p> <p>(b) Completion of 96 credits of collegiate work prescribed by the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS) is followed by an eleven month training period in a NAACLS-approved hospital program. Successful completion qualifies graduates to take the American Society of Clinical Pathologists (ASCP) Board Certification Exam.</p> <p>(c) ML-411 will partially complete Writing Intensive (WT) requirement in General Education Requirements.</p> | |

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| GENERAL EDUCATION REQUIREMENTS: 39 Credits | | Credits |
| First Year Seminar | FY-101: First Year Seminar *(Select Section "CE") | 3.0 |
| Reading and Writing | EN-101: College Composition I | 3.0 |
| | EN-102: College Composition II | 3.0 |
| Mathematics | Fulfilled in Interdisciplinary Requirements with MA-115 or MA-151 | 0.0 |
| Natural Sciences | Fulfilled in Major Requirements with required courses | 0.0 |
| Literature | 3 Credits from courses designated with Course*Type: LIT | 3.0 |
| Aesthetics and Creativity | 3 Credits from Art, Music, Theatre, or Dance | 3.0 |
| Technological Literacy | IT-102: Information Technology for Scientists | 3.0 |
| Reasoned Oral Discourse | 3 Credits from courses designated with Course*Type: RD | 3.0 |
| Historical Perspective | 3 Credits from courses designated with Course*Type: HS.SV | 3.0 |
| Social Science | 3 Credits from courses designated with Course*Type: SS.SV | 3.0 |
| Historical Perspective/Social Sciences | 3 Credits from courses designated with Course*Type: HS.SV or 3 Credits from courses designated with Course*Type: SS.SV | 3.0 |
| Interdisciplinary Perspectives | 3 Credits from courses designated with Course*Type: ISP | 3.0 |
| Cultural Diversity and Global Understanding or Foreign Language | 3 Credits from courses designated with Course*Type: CD and 3 Credits from courses designated with Course*Type: GU or 6 Credits from the SAME foreign language | 6.0 |
| Experiential Education | Fulfilled in Major Requirements with Professional Credits | 0.0 |
| Writing Intensive | Two Courses from major designated with Course*Type: WT | 0.0 |
| | | 0.0 |

Minimum Credits for Bachelor of Science in Medical Laboratory Science = 128.0

NOTES:

* 58 credits must be completed at the 200 level or higher.