DEGREE: BACHELOR OF SCIENCE
MAJOR: MEDICAL TECHNOLOGY

CURRICULUM CREDITS

UNIVERSITY REQUIREMENTS
ENGL 110 Critical Reading and Writing .................................................. 3
First Year Experience (see page 68). ...................................................... 0-4
Discovery Learning Experience (see page 68). ........................................ 3
The student must take an approved course or courses stressing multi-cultural, ethnic, and/or gender-related course content (see pages 58-70). ............... 3

MAJOR REQUIREMENTS
Writing: (minimum grade C-) ................................................................. 3
A second writing course involving significant writing experience including two papers with a combined minimum of 3,000 words to be submitted for extended faculty critique of both composition and content. This course must be taken after completion of 45 credit hours. Appropriate writing courses are normally designated in the semester’s Registration booklet. (See list of courses approved for second writing requirement, pages 93-95.)

One of the following.............................................................................. 3-4
MATH 114 College Mathematics and Statistics
(for students who do not intend to continue the study of mathematics)
MATH 115 Pre-Calculus
MATH 117 Pre-Calculus for Scientists and Engineers
(for students who intend to continue the study of mathematics)
MATH 221 Calculus
MATH 241 Analytic Geometry and Calculus A

Successful performance on the college proficiency exam (0 credits awarded).

BREADTH REQUIREMENTS
(follow College of Arts and Sciences standards, See pages 95-100.)
Group A: Understanding and appreciation of human and humanities ....... 6
Group B: The study of culture and institutions over time ....................... 6
Group C: Empirically based study of human beings and their environment .. 6
Three credit Pathways Course may be substituted for one Breadth Requirement. (minimum grade C- required in all MEDT courses)
MEDT 101 Introduction to Animal Technology .................................... 1
MEDT 210 Information Technology and Communication Skills ............ 2
MEDT 270 Rheumatism, Arthritis, and Biomechanics ....................... 2
MEDT 375 Clinical Laboratory Principles and Statistics ..................... 2
MEDT 380 Clinical Immunology and Medical Virology ..................... 4
MEDT 390 Introduction to Molecular Diagnostics ......................... 2
MEDT 391 Introduction to Molecular Diagnostics Laboratory ......... 1
MED 400 Urinalysis and Body Fluids ....................................................... 2
MEDT 401 Clinical Physiological Chemistry I Laboratory ................. 3
MEDT 411 Clinical Physiological Chemistry I Laboratory ................. 3
MEDT 404 Hematology I Laboratory ....................................................... 2
MEDT 414 Hematology I Laboratory ....................................................... 1
MEDT 406 Medical Microbiology ......................................................... 3
MEDT 416 Medical Microbiology Laboratory .................................... 2
MEDT 403 Clinical Physiological Chemistry II Laboratory ............... 2
MEDT 413 Clinical Physiological Chemistry II Laboratory ............... 2
MEDT 418 Medical Technology Senior Seminar ....................... 1
MEDT 405 Hematology II ................................................................. 2
MEDT 415 Hematology II Laboratory ....................................................... 2
MEDT 409 Immunohematology ............................................................ 1
MEDT 419 Immunohematology Laboratory ........................................ 1
MEDT 420 Immunohematology ............................................................ 1
MEDT 421 Immunohematology II Laboratory ...................................... 4
MEDT 423 Diagnostic Bacteriology and Medical Mycology Laboratory .... 2
MEDT 431 Diagnostic Bacteriology and Medical Mycology Laboratory .... 2
MEDT 461 Laboratory Practice and Leadership I .................................. 1
MEDT 471 Laboratory Practice and Leadership II ................................ 1
MEDT 472 Clinical Urinalysis Practicum ............................................. 1
MEDT 473 Clinical Chemistry Practicum ............................................. 3
MEDT 475 Clinical Hematology Practicum ......................................... 3
MEDT 477 Clinical Microbiology Practicum ........................................ 3
MEDT 479 Clinical Immunohematology Practicum ................................ 3
BISC 207/208 Introductory Biology I and II .......................................... 8

REVISED

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MEDT 477 Clinical Microbiology Practicum ........................................ 3
MEDT 479 Clinical Immunohematology Practicum ................................ 3
BISC 207/208 Introductory Biology I and II .......................................... 8
BISC 276 Human Physiology .................................. 4
BISC 300 Introduction to Microbiology ................ 4
CHEM 103/104 General Chemistry .......................... 8
CHEM 213 Elementary Organic Chemistry
and
CHEM 214/216 Elementary Biochemistry with Lab
or
CHEM 321/322 Organic Chemistry .......................... 8
CREDITS TO TOTAL A MINIMUM OF ................ 123