

2014-2015 B.S. Biology – Medical Laboratory Sciences Concentration

NAME _____ ID# _____

UNIVERSITY CORE

A. Core Foundations

CORE 101 _____ 3
 CORE 102 _____ 3
 HNRS 103* _____ 3
 CORE 201 _____ 3
 CORE 202 _____ 3

NOTE: Courses listed in multiple areas can only be used to fulfill a single area requirement.

Students can use only one course with their major prefix to fulfill core requirements.

* Honors course – will meet CORE 101 & 102 for those students in the RU honors program

Core Curriculum

B. Core Skills & Knowledge

Courses must be from different disciplines:

MATHEMATICAL SCIENCES (3SH)

MATH 119,138, or 151 _____ 3

NATURAL SCIENCES (4 SH)

CHEM 101 _____ 4

HUMANITIES (3 SH)

One of the following: CLSS 110 CCST 110 ENGL 200, HIST 101, 102 PHIL 111, 112, 114 POSC 110; RELN 111, 112, 203, 206

SOCIAL/BEHAV. SCIENCES (3 SH)

One of the following: ANSC 101, APST 200 ECON 105, 106 GEOG 101, 102, 103 HIST 111, 112 POSC 120; PSYC 121 RELN 205 SOCY 110, 121

VISUAL & PERFORMING ARTS (3 SH)

One of the following: ART 100, 215, 216 CVPA 266 DNCE 111 MUSC 100, 121, 123 THEA 100, 180

COLLEGE CORE

A. National & International Perspectives

Courses must be from different disciplines:

U. S. PERSPECTIVES (3 SH)

One of the following: APST 200 ECON 101, 105, 106, ENGL 203 GEOG 201, 202, 203 HIST 111, 112 POSC 120, SOCY 110

GLOBAL PERSPECTIVES (3SH)

One of the following: ENGL 201,202; FORL 103; CVPA 266, GEOG 101, 102, 140, 280 HIST 101, 102 INST 101 ITEC 112 PEAC 200 RELN 112, 205, SOCY 121, THEA 180 WMST 101

B. Supporting Skills & Knowledge

NATURAL SCIENCES OR MATH (3-4 SH)

STAT 219 _____ 3

HUMANITIES, VISUAL & PERFORMING ARTS, OR FOREIGN LANGUAGES (3-4 SH)

One of the following: CLSS 110 CCST 110 ENGL 200; HIST 101, 102; PHIL 111, 112, 114; POSC 110; RELN 111, 112, 203, 206 Or ART 111, 215, 216; CVPA 266; DNCE 111; MUSC 100, 121, 123; THEA 100, 180 Or CHNS 101, 102, 201, 202 ARAB 100, 200, 210 FORL 100, 109, 200, 209, 210, 309, 409; FREN 100, 200, 210, 300, 320 GRMN 100, 200, 210, 300 LATN 101, 102, 201, 350; RUSS 100, 200, 210, 300; SPAN 101: 102, 201, 202

SOCIAL/ BEHAV. SCI. OR HEALTH & WELLNESS (3SH)

One of the following: ANSC 101, APST 200 ECON 105, 106 GEOG 101, 102, 103 HIST 111, 112 POSC 120; PSYC 121 RELN 205 SOCY 110, 121 HLTH 111,200 NURS 111 NUTR 214; RCPT 200

Medical Technology CONCENTRATION

BIOL 131 _____ (4)	Ecology and Adaptation
BIOL 132 _____ (4)	Biology of Cells and Microorganisms
BIOL 160 _____ (2)	Introductory Seminar in Biology
BIOL 460 _____ (2)	Advanced Seminar in Biology
BIOL 231 _____ (4)	Genetics, Evolution, and Development
CHEM 101 _____ (4)	General Chemistry
CHEM 102 _____ (4)	General Chemistry
STAT 219 _____ (3)	Statistics for Biology
MATH 119/138/151 _____ (3)	Math Core Curriculum see above
BIOL 337 _____ (4)	Immunology
BIOL 408 _____ (4)	Prin of Microbiology
BIOL 410 _____ (6)	Human Anatomy/ Physiology Science Maj.
BIOL 450 _____ (4)	Molecular Biology

Prerequisites

C or better required in all BIOL prerequisites

F/S	
F/S	131(majors) or "C" or better in CHEM 101
F/S	Freshmen only
BIOL 131, 132, 231 and 232	(232 may be concurrent)
F/S	BIOL 132 and 160
F/SU	
S/SU	CHEM 101
F/S/SU	
S	BIOL 132:232
F	BIOL 105 or BIOL 132:231
F/S/SU	BIOL 231 and CHEM 120 or 101:102

BIOL 401,402,403 _____ (33)
 Blood Banking
 Hematology and Coagulation
 Clinical Chemistry

Medical Technology Clinical Courses are taken at the hospital in the following areas:
 Serology
 Bacteriology
 Parasitology/Clinical Microscopy

B.S. Requirements: (8 hours)

CHEM 301 _____ (4)	Organic Chemistry	F	CHEM 102
CHEM 302 _____ (4)	Organic Chemistry	S	CHEM 301