

**GEORGE MASON UNIVERSITY
COLLEGE OF SCIENCE**

B.S. DEGREE IN MEDICAL LABORATORY SCIENCE (1201 Exploratory Hall, 703-993-1572)

<http://biology.gmu.edu/>

2016-2017 CATALOG

| | <u>Department(s) & Course #(s)</u> | <u>Completed/ Grade(s)</u> | <u>Needed</u> |
|---|--|--------------------------------|---------------|
| <u>MASON CORE REQUIREMENTS (24)</u> | | | |
| a. Written Communication: ENGH 101 (100), ENGH 302 (C or better) (3,3) | | ____ | ____ |
| b. Oral Communication: COMM 100 or 101 (circle choice) (3) | | ____ | ____ |
| c. Quantitative Reasoning (satisfied by completion of major requirements) | | | |
| d. Literature (3) | _____ | _____ | _____ |
| e. Western Civilization (3) | _____ | _____ | _____ |
| f. Social & Behavioral Science (3) | _____ | _____ | _____ |
| g. Natural Science (satisfied by completion of major requirements) | | | |
| h. Global Understanding (3) | _____ | _____ | _____ |
| i. Information Technology (satisfied by completion of major requirements) | | | |
| j. Synthesis (3) | _____ | _____ | _____ |

Go to: <http://masoncore.gmu.edu/> to link to information on Mason Core requirements.

MAJOR REQUIREMENTS (83-84 hours required)

| | | | |
|---|----|-------|-------|
| a. BIOL 213 (4) (grade of C or better required) | a. | _____ | _____ |
| b. BIOL 214 (4) (grade of C or better required) | b. | _____ | _____ |
| c. BIOL 305, 306 (3,1) | c. | _____ | _____ |
| d. BIOL 311 (4) (grade of C or better required) | d. | _____ | _____ |
| e. BIOL 452, 453 (writing intensive course) (3,1) | e. | _____ | _____ |
| f. BIOL 430 (4) | f. | _____ | _____ |
| g. BIOL 431 (4) | g. | _____ | _____ |
| h. CHEM 211/213 (3/1) | h. | _____ | _____ |
| i. CHEM 212/214 (3/1) | i. | _____ | _____ |
| j. CHEM 313 (3) | j. | _____ | _____ |
| k. CHEM 315 (2) | k. | _____ | _____ |
| l. CHEM 314 (3) | l. | _____ | _____ |
| m. CHEM 318 (2) | m. | _____ | _____ |
| n. One of the following: MATH 111, 113, or both 123 and 124 (circle choice) (3-6) | n. | _____ | _____ |
| o. CDS 130 (recommended) or any course that fulfills the IT Mason Core requirement (3) | o. | _____ | _____ |
| p. Medical Technology Course Work (31) | | | |
| 1. MLAB 200 (1) | 1. | _____ | _____ |
| 2. MLAB 300 (writing intensive course) (2) | 2. | _____ | _____ |
| 3. The professional study during the senior year involves clinical education at an affiliated school of medical technology. | | | |

Thirty credits of course work are required including: MLAB 401, 402, 403, 404, 405, and 406. The distribution of credits in these courses varies with the school of medical technology. No more than 30 professional credits may be applied toward the degree.

A minimum GPA of 2.0 is required in all major courses.

GENERAL ELECTIVES (12-13) (List courses)

| | | |
|-------|-------|-------|
| _____ | _____ | _____ |
| _____ | _____ | _____ |
| _____ | _____ | _____ |

MINIMUM HOURS TO GRADUATE: 120

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| UPPER DIVISION HOURS (minimum 45): |
|---|

This planning form is intended to be used in consultation with your academic advisor and reflects the requirements for the 2016-2017 Catalog; the University Catalog is the official reference for program requirements.

COURSE LISTS (MEDICAL LABORATORY SCIENCE)

Mason Core Requirements

Written Communication: ENGH 101 (or 100) and ENGH 302

Oral Communication: COMM 100 or COMM 101

Quantitative Reasoning: MATH 111 or 113. The Math Placement Test is required to take MATH 113. See this web site for more information: http://math.gmu.edu/placement_test.php

Literature: ARAB 325; CHIN 310, 311, 325, 328; CLAS 250, 260, 340, 350, 360, 380; ENGH 201, 202, 203, 204; FREN 325, 329; FRLN 330; GERM 325; ITAL 320, 325; JAPA 340; KORE 311; PHIL 253; RELI 235; RUSS 325, 326, 327; SPAN 325

Western Civilization: HIST 100 or 125; transfer students may substitute: the following courses for HIST 100: HIST 101, 102, 301, 302, 304, 305, 306, 308, 309, 312, 314, 322, 388, 436, 480; and the following courses for HIST 125: HIST 202, 387.

Social and Behavioral Sciences: AFAM 200; ANTH 114, 120, 135, 363, 372, 396; BUS 100; CONF 101; CONS 410; CRIM 100; ECON 100, 103, 104, 105, 367; EDUC 203, 372; GGS 103; GOVT 101, 103, 367; HEAL 230; HIST 121, 122; LING 306; PSYC 100, 211, 231; SOCI 101, 352, 355; TOUR 311; WMST 200

Natural Sciences: CHEM 211/213 & CHEM 212/214

Global Understanding: ANTH 302, 306, 307, 308, 309, 311, 312, 313, 316, 331, 332; ARTH 319, 320, 380, 382, 383, 384, 385, 386; BUS 200; CEIE 100; COMM 305, 456; CRIM 405; DANC 118, 318, 418; ECON 360, 361, 362, 380, 390; ENGH 362, 366; FAVS 300; FRLN 331; GCH 205; GGS 101; GLOA 101; GOVT 132, 133; HIST 251, 252, 261, 262, 271, 272, 281, 282, 328, 329, 356, 357, 358, 360, 364, 365, 387, 460, 462; JAPA 310; MBUS 305; MUSI 103, 431; PHIL 243; PSYC 379; RELI 100, 211, 212, 313, 315, 320, 322, 341, 374; RUSS 354; SOCI 120, 320, 332; SPAN 322, 466; SYST 202; THR 359, TOUR 210; WMST 100

Information Technology: **One of these courses**: ANTH 395, CDS 130, CS 100, GOVT 300, HIST 390, IT 104, MIS 303, MUSI 259 **or Course(s) from a) and one course from b)**: **a)** AVT 180; CS 112; PHYS 251; PSYC 300, 301, & 372 (all three must be taken and in sequence); SOCI 410 **b)** CDS 151, CEIE 409, CS 105, ENGR 107, IT 304, PHIL 112

Synthesis: ANTH 400; ARTH 394; AVT 385, 497, 498; BENG 492, 493; BINF 354; BIOL 301; BIS 490; BUS 498; CEIE 490; COMM 326, 362, 454; CONF 490; CONS 490, 491; CRIM 495; CS 306; DANC 490; ECE 492, 493; ECON 309; EDCI 490; EVPP 480; FAVS 352; FRLN 385; GAME 490; GCH 465; GEOL 420; GGS 303, 304; GOVT 490, 491; HAP 465; HDFS 400; HIST 300, 499; INTS 308; IT 492; LAS 499; MATH 400; MUSI 490; NURS 465; PHIL 309, 343, 377, 378, 379; PHYS 346; PROV 342; PSYC 405, 406, 427; RELI 490; RUSS 353; SOCI 377, 483; SOCW 375; SPAN 388; SYST 495; THR 440, 496

