

**GEORGE MASON UNIVERSITY
COLLEGE OF SCIENCE**

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

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

2017-2018 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://catalog.gmu.edu/mason-core/> to link to information on Mason Core requirements.

MAJOR REQUIREMENTS (83-84 hours required)

Biology Courses (28 credits)

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. _____	_____

Chemistry Courses (17-18)

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.	Select one of the following: BIOL 483 (4) OR CHEM 314/318 (3, 2)	l. _____	_____
m.	One of the following: MATH 111, 113, or both 123 and 124 (circle choice) (3-6)	m. _____	_____
n.	CDS 130 (recommended) or any course that fulfills the IT Mason Core requirement (3)	n. _____	_____

Medical Technology Course Work (31)

1.	MLAB 200 (1)	1. _____	_____
2.	MLAB 300 (writing intensive course) (2)	2. _____	_____

The professional study during the senior year involves clinical education at an affiliated school of medical technology.

Note: Because of the extensive pre-professional education requirements stipulated by NAACLS, students majoring in medical laboratory science are exempt from the Mason Core 'Arts' requirement.

Thirty credits of course work are required including: MLAB 401, 402, 403, 404, 405, 406, and 407. 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 credits) Maximum 2 credits of PHED, PRLS, and RECR coursework toward a COS degree. Only MLSC 400 and MLSC 402 may be used for credit towards a COS degree. (List courses)

_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

MINIMUM 120 HOURS (including Minimum 45 UPPER DIVISION HOURS) to GRADUATE

This planning form is intended to be used in consultation with your academic advisor and reflects the requirements for the 2017-2018 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

Arts: ARTH 101, 102, 103, 200, 201, 203, 204, 206, 321, 322, 324, 333, 334, 335, 340, 341, 342, 344, 345, 360, 362, 370, 372, 373, 376; AVT 103, 104, 215, 222, 232, 243, 252, 253, 262, 272, 385; DANC 101, 119, 125, 131, 145, 161, 225, 231, 245, 301, 325, 331, 345, 425, 445, 390, 391; ENGH 370, 371, 372, 396; FAVS 225; GAME 101; MUSI 100, 101, 102, 107, 280, 301, 302, 380, 381, 382, 383, 384, 385, 387, 389, 485; PHIL 156; THR 101, 150, 151, 210, 230, 395, 411, 412.

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

