

**Tentative Plan of Study for B.S. Degree in
Medical Laboratory Science**

FALL	SPRING	SUMMER
ENGL 10103 hr CHEM 11003 hr CHEM 11011 hr MATH 1050 or 1120 or 11503 hr BIOL 10103 hr BIOL 10111 hr UNIV 10003 hr	ENGL 10203 hr CHEM 12003 hr CHEM 12011 hr BIOL 21003 hr BIOL 21011 hr MATH 2200 or BIOL 2200 *3 hr Core - HY/Soc&BehSci3 hr	***** *Please Note: MATH 2200 or BIOL 2200 - Biostatistics (3 hr) may be taken in place of the two-course combination of STAT 2670 - Statistics (3 hr) and CSCI 1000 - Survey of Computer (3 hr). Essentials of A&P BIOL 2093 (4 hr) may be taken in place of BIOL 2100 A&P I (3 hr) and BIOL 2101 A&P I Lab (1 hr) *****
FALL	SPRING**	SUMMER
CHEM 2300 or 3100**3 hr CHEM 2301 or 3101**1 hr BIOL 2010 or 30103 hr BIOL 2011 or 30111 hr Core - HY/Soc&BehSci3 hr Core - Hum/F.A3 hr Core - Hum/F.A3 hr	COMM 1010 or 2212 or 21003 hr Core - HY/Soc&BehSci3 hr Core - HY/Soc&BehSci3 hr Core - Hum/F.A3 hr **PLEASE SEE FOOTNOTE AT THE END OF THIS TABLE	***** Applications for the MLS Program are due during the Spring Semester. Applications and student handbooks are available online at www.aum.edu/on-campus-mls *****
FALL (Admission to MLS Program required)	SPRING	SUMMER
CLLS 30134 hr CLLS 31033 hr CLLS 32033 hr CLLS 34034 hr	CLLS 31533 hr CLLS 32434 hr CLLS 33033 hr CLLS 33232 hr CLLS 34334 hr	CLLS 32534 hr CLLS 33134 hr CLLS 34434 hr
FALL	SPRING	SUMMER
CLLS 41633 hr CLLS 42634 hr CLLS 43234 hr CLLS 44534 hr	CLLS 4080 WI3 hr CLLS 42743 hr CLLS 44743 hr CLLS 44632 hr CLLS 40541 hr CLLS 42141 hr	CLLS 40401 hr CLLS 41141 hr CLLS 41742 hr CLLS 43343 hr CLLS 43641 hr
**BIOL 2110/2111 is highly recommended for MLS majors. CHEM 2103 may be required for Forensic Science. CHEM 3100/3101 and CHEM 3200/3201 (in place of CHEM 2300/2301) are required for Forensic Science/ Graduate School. See MLS advisor for information.		

Written Composition: 6 hours (C or better in each course is required)

ENGL 1010 English Composition I
ENGL 1020 English Composition II

History, Social and Behavioral Sciences

12 hours (Students **must** complete a 6-hour sequence in literature or history. Students **must** take at least one course in history.)

INTL/ANTH 2110	Cultural Anthropology
ECON 1000	Essentials of Economics
ECON 2010	Economics I (Micro)
ECON 2020	Economics II (Macro)
INTL/GEOG 2050	Geography of World Regions
INTL/GEOG 2150	Human Geography
HIST 1010	World History I
HIST 1020	World History II
HIST 1080	US History to 1877
HIST 1090	US History Since 1877
HIST 1060	Western Civilization to 1648
HIST 1070	Western Civilization since 1648
PSYC 1000	General Introductory Psychology
PSYC 2780	Human Growth & Development
POLS 2020	Introduction to American Politics
POLS 2200	International Relations
SOCI 2000	Introduction to Sociology
SOCI 2010	Social Problems

**For additional information on the
MLS Program contact:**

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Humanities and Fine Arts: 12 hours (Students **must** complete a 6-hour sequence in literature or history. Students **must** take one literature course, one communications course and one course in fine arts (**).)

COMM 1010	Intro. to Human Commun.
COMM 2100	Media and Culture
COMM2212	Public Speaking
ENGL 2530	Survey of Eng. Lit. I
ENGL 2540	Survey of Eng. Lit. II
ENGL 2570	Survey of Am. Lit. I
ENGL 2580	Survey of Am. Lit. II
INTL/ENGL 2600	Survey Lit. World I
INTL/ENGL 2610	Survey Lit. World II
VISU 1000***	Intro. to Visual Arts
VISU 2030***	Art History I
VISU 2040***	Art History II
VISU 2600	Architecture Appreciation
MUSI 2110***	Music Appreciation
PHIL 2000	Reason & Critical Thinking
PHIL 2010	Introduction to Philosophy
PHIL 2030	Logic
PHIL 2100	Applied Ethics
THEA 2040***	Theater Appreciation
FREN 1010/1020/2010/2020	French
GERM 1010/1020/2010/2020	German
SPAN 1010/1020/2010/2020	Spanish

Natural Sciences and Mathematics**:**

*11 hour core requirement for Math and Science.

The remainders are CLS curriculum requirements.

BIOL 1010/1011	Cells, Molecules, & Life I
BIOL 2010/2011	Gen Microbiology
BIOL 3010/3011	Microbiology
BIOL 2093	Essen of Anat Phys w lab
BIOL 2100/2101	Human Anat Phys I
BIOL 2093	Essentials of A&P
CHEM 1100/1101*	General Chemistry I
CHEM 1200/1201*	General Chemistry II
CHEM 2300/2301	Survey Org. Chem
CHEM 3100/3101	Organic Chem
MATH 1050	College Algebra
MATH 1120*	Pre-Calc Algebra
MATH 1150*	Pre-Calc Algebra/Trig
MATH/BIOL 2200	Biostatistics

MLS Courses****

CLLS 3013	Laboratory Techniques
CLLS 3103	Immunology and Serology
CLLS 3153	Immunohematology I
CLLS 3203	Urinalysis & Body Fluids
CLLS 3243	Clinical Hematology I
CLLS 3253	Clinical Hematology II
CLLS 3303	Clinical Microbiology I
CLLS 3313	Clinical Microbiology II
CLLS 3323	Molecular Techniques in MLS
CLLS 3403	Clinical Instrumentation I
CLLS 3433	Methods of Drug Analysis
CLLS 3443	Clinical Chemistry I
CLLS 4040	Comprehensive Review
CLLS 4054	Phlebotomy
CLLS 4080	WI Lab Management & Education
CLLS 4114	Clinical Serology
CLLS 4163	Clin Immunohematology II
CLLS 4174	Clin Immunohematology III
CLLS 4214	Clinical Urinalysis
CLLS 4263	Clinical Hematology III
CLLS 4274	Clinical Hematology IV
CLLS 4323	Clinical Microbiology III
CLLS 4334	Clinical Microbiology IV
CLLS 4364	Clin Parasit & Mycology
CLLS 4453	Clinical Chemistry II
CLLS 4463	Clinical Chemistry III
CLLS 4474	Clinical Chemistry IV

****** The MLS Program requires a C or better in
all science and math courses.**

**The MLS Program is accredited by
NAACLS, 5600 N. River Rd, Suite 720
Rosemont, IL, 60018-5119, (773)714-8880,
<http://www.naacls.org> or info@naacls.org**

Please visit our web page at www.aum.edu/mls-info.

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