

**Armstrong State University**  
**Medical Laboratory Science Track-Bachelor of Science Degree**

Name: \_\_\_\_\_ 907: \_\_\_\_\_ GPA \_\_\_\_\_

Core Area Requirements	Credit Hours	Grade	Comments	Substitution
<b>First Year Seminar – 1 Hour*</b>				
FYSH 1000 – First Year Seminar Health Professions	1			
*Required for all new students, including transfer and readmitted students with fewer than 30 earned credit hours.				
<b>Area A - Essential Skills: 9 Semester Hours</b>				
ENGL 1101 or 1101H- Composition I	3			
ENGL 1102 or 1102H- Composition II	3			
<b>Select One</b> MATH 1111-College Algebra MATH 1113-Pre-Calculus mathematics MATH 1161 or 1161H-Calculus I	3			
<b>Area B - Institutional Options: 4-5 Semester Hours</b>				
<b>Ethics and Values – Select One</b> CHEM 2600-Ethical/Moral Issues in the Sciences CRJU 2020-Ethical Theories and Moral Issues in Criminal Justice ENGL 2000-Ethics and Values Literature ETHC 2000-Interdisciplinary Ethics GNST 2101-Ethics, Values and Gender, HIST 2000-Ethics and Values in History, HONS 2100- Honors Topics in Ethics and Values, PHIL 2030-Intro to Ethics and Moral Philosophy, POLS 1200-Ethical Theories in Government, SOCI 2500-Ethics, Values, and the Social World	2 to 3			
<b>Global Perspectives – Select One</b> ANTH 1150-Global Perspectives in Anthropology, CHEM 2200-Science, Technology/Modern World, CRJU 2010-Universal Justice, ECON 1150- Global Economic Problems, ENGL 2050- Africa and the Diaspora, EURO 2000- Introduction to the European Union, FREN 1002-Elementary French II, GEOG 1100-World Regional Geography, GEOG 2120-Cultural Geography, GRMN 1002-Elementary German II, GNST 2200-Gender in Global Contexts, HIST 1111-Civilization I, HIST 1112 or 1112H-Civilization II, HIST 2100-The African Diaspora, HLPR 2010-Culture, Illness, Diag., and Treatment, HONS 2000-Honors Topics in Global Perspectives, POLS 1150-World Politics, POLS 2290-Foundations of International Relations, PSYC 2300-Global Perspectives in Developmental Psychology, RELI 2100-World Religions, SOCI 2000-Global Sociology, SPAN 1002-Elementary Spanish II	2 to 3			
<b>Area C - Humanities and Fine Arts: 6 Semester Hours</b>				
<b>Literature or Philosophy – Select One</b> ENGL 2100 or 2100H- Literature and Humanities, FREN 2001-Intermediate French I, FREN 2002-Intermediate French II, GRMN 2001- Intermediate German I, GRMN 2002-Intermediate German II, PHIL 2010- Introduction to Philosophy, PHIL 2030- Intro to Ethics and Moral Philosophy, SPAN 2001- Intermediate Spanish I, SPAN 2002- Intermediate Spanish II	3			
<b>Art, Music, or Theatre – Select One</b> ARTS 1100-Arts Appreciation, ARTS/MUSC 1270-World Art and Music, ARTS 2710-Art History I, ARTS 2720-Art History II, MUSC 1100-Music Appreciation, THEA 1100-Theatre Appreciation, THEA 1200-Introduction to Theater, THEA 2410-Oral Interpretation	3			
<b>Area D - Science, Math, and Technology: 11 Semester Hours</b>				
CHEM 1211-w/lab Principles of Chemistry I	4			
CHEM 1212-w/lab Principles of Chemistry II	4			
MATH 2200-Elementary Statistics	3			

Area E - Social Sciences: 12 Semester Hours			
<b>HIST 2001 or POLS 2001 or HIST 2001H</b> American & Georgia History & Constitution Political History of America & Georgia	3		
<b>World Civilization – Select One</b> <b>HIST 1111 or 1111H</b> -Civilization I <b>HIST 1112 or 1112H</b> -Civilization II	3		
<b>Social Sciences – Select One</b> <b>ANTH 1102</b> -Introduction to Anthropology, <b>ECON 1101</b> -Survey of Economics, <b>ECON 2105</b> -Principles of Macroeconomics, <b>ECON 2106</b> - Principles of Microeconomics, <b>PSYC 1101 or 1101H</b> -Introduction to Psychology, <b>SOCI 1101</b> -Introductory Sociology	3		
<b>History or Social Sciences – Select One</b> <b>AFAS 2000</b> -Intro to African American Studies, <b>ANTH 1102</b> - Introduction to Anthropology, <b>ECON 1101</b> - Survey of Economics, <b>ECON 2105</b> - Principles of Macroeconomics, <b>ECON 2106</b> - Principles of Microeconomics, <b>GEOG 2120</b> - Cultural Geography, <b>GNST 1101</b> - Introduction to Gender Studies, <b>HIST 1111</b> -Civilization I, <b>HIST 1112 or 1112H</b> - Civilization II, <b>HIST 2111</b> - History of America to 1877, <b>HIST 2112</b> - History of America since 1865, <b>POLS 2100</b> -Introduction to Political Science, <b>PSYC 1101 or 1101H</b> - Introduction to Psychology, <b>SOCI 1101</b> - Introductory Sociology	3		
Area F - Courses appropriate to major: 18 hours			
<b>BIOL 1107</b> - Principles of Biology I w/lab	4		
<b>BIOL 2081</b> -Anatomy & Physiology I w/ Lab	4		
<b>BIOL 2082</b> -Anatomy & Physiology II w/lab	4		
<b>CHEM 2101</b> -Organic Chemistry I Or <b>CHEM 2000</b> - Fundamentals of Organic Chemistry and Biochemistry	3		
Approved Elective ( <b>BIOL, CHEM, or Technology course</b> ) **(BIOL 1108 is recommended)**	3		
Required Field Courses: 6 hours			
*** <b>BIOL 2010</b> -Microbiology w/lab	4		
*** <b>HLPB 2000</b> -Intro to Research in the Health Professions	2		
Physical Education: 3 hours			
<b>PEBC 2001</b> (3 credits); or	3		
<b>PEBC 2000</b> (2 credits) and one activity course; or	2		
Three one-credit PEBC activity courses			
<b>PEBC</b> _____	1EA		
<b>PEBC</b> _____			
<b>PEBC</b> _____			

Major Course Schedule Traditional-On Campus: 54 hours	Major Course Schedule BS Fast Track(SC): 54 hours	Major Course Schedule MLT-MLS Career Ladder: 54 hours
<b>Fall - Junior Year</b>	<b>Fall - Junior Year</b>	<b>Fall - Junior Year</b>
MEDT 3200 – Clinical Bacteriology MEDT 3300 – Clinical Hematology & Hemostasis MEDT 3600 – Clinical Laboratory Methodologies & Molecular Diagnostics MEDT 3700 – Clinical Immunology	MEDT 3100 – Urinalysis and Body Fluids MEDT 3500 - Clinical Chemistry MEDT 3600 - Clinical Laboratory Methodologies & Molecular Diagnostics MEDT 3700 - Clinical Immunology MEDT 4115 - Clinical Practicum	MEDT 3110 - Urinalysis & Body Fluids MEDT 3510 - Clinical Chemistry MEDT 3610 - Clinical Laboratory Methodologies & Molecular Diagnostics MEDT 3710 - Clinical Immunology MEDT 4115 - Clinical Practicum
<b>Spring – Junior Year</b>	<b>Spring – Junior Year</b>	<b>Spring – Junior Year</b>
MEDT 3100 – Urinalysis & Body Fluids MEDT 3400 – Clinical Immunohematology MEDT 3500 – Clinical Chemistry MEDT 3800 – Clinical Microbiology	MEDT 3300 - Clinical Hematology & Hemostasis MEDT 3400 - Clinical Immunohematology MEDT 4115 - Clinical Practicum	MEDT 3310 - Clinical Hematology & Hemostasis MEDT 3410 - Clinical Immunohematology MEDT 4115 - Clinical Practicum
<b>Summer – Senior Year</b>	<b>Summer – Senior Year</b>	<b>Summer – Senior Year</b>
MEDT 4115 – Clinical Practicum	MEDT 3200 - Clinical Bacteriology MEDT 3800 - Clinical Microbiology MEDT 4115 - Clinical Practicum	MEDT 3210 - Clinical Bacteriology MEDT 3810 - Clinical Microbiology MEDT 4115 - Clinical Practicum
<b>Fall – Senior Year</b>	<b>Fall – Senior Year</b>	<b>Fall – Senior Year</b>
MEDT 4600 – Clinical Pathways & Critical Decision Making MEDT 4900 – Laboratory Management & Education MEDT 4115 – Clinical Practicum	MEDT 4600 - Clinical Pathways & Critical Decision Making MEDT 4900 - Laboratory Management & Education HIST/POLS 2001 – (If Needed)	MEDT 4600 - Clinical Pathways & Critical Decision Making MEDT 4900 - Laboratory Management & Education HIST/POLS 2001 – (If Needed)

All practicums are grouped under one coursed number –MEDT 4115-(15)

4110 (1)  
4310 (3)

4610 (1)  
4410 (3)

4210 (3)  
4510 (3)

4710 (1)

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