

Course Subject and Title <i>(courses in bold/shading are critical courses)/courses and comments in blue are Phoenix College courses and actions/decisions</i>	Hrs.	Upper Division	Completed ATP: <input type="checkbox"/> Yes <input type="checkbox"/> No		Completed AGEC: <input type="checkbox"/> Yes <input type="checkbox"/> No	
			Transfer Course/Grade	Minimum Grade if Required	Additional Critical Requirement Notes	
CRITICAL TERM ONE: 14 credits 0-14 CREDIT HOURS						
HCC145AA Medical Terminology	1	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> All courses required for the MDL program must satisfy the AGEC requirements Math Placement Exam score determines placement in Mathematics course All critical courses must be completed by the end of semester 5 Consult an academic advisor for educational planning 	
CHM 151: General Chemistry I	4	<input type="checkbox"/>		Grade of C		
MAT 142 (MA): College Mathematics or higher	3	<input type="checkbox"/>		Grade of C		
ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR	3	<input type="checkbox"/>		Grade of C		
CRE101 [L] OR if the student is exempted by assessment, complete a Humanities, Fine Arts & Design (HU) OR Social & Behavioral Science (SB) AND Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H):	3	<input type="checkbox"/>				
TRACKING TERM TWO: 14 credits 15-28 CREDIT HOURS						
CHM 152: General Chemistry II	4	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> All critical courses must be completed by the end of semester 5 	
BIO 181: General Biology I or BIO 182: General Biology II	4	<input type="checkbox"/>		Grade of C		
ENG 101 and 102: First-Year Composition OR ENG 107 and 108: English for Foreign Students OR	3	<input type="checkbox"/>		Grade of C		
HCC 130 OR if this HU requirement is not needed, Humanities, Fine Arts & Design (HU) OR Social & Behavioral Science (SB) AND Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H):	3	<input type="checkbox"/>				
TRACKING TERM THREE: 14 credits 29-42 CREDIT HOURS						
BIO 181: General Biology I or BIO 182: General Biology II	4	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> All critical courses must be completed by the end of semester 5 First-year composition requirement completed 	
CHM 230: Fundamental Organic Chemistry/Laboratory	3/1	<input type="checkbox"/>		Grade of C		
Humanities, Fine Arts & Design (HU) OR Social & Behavioral Science (SB) AND Cultural Diversity in the US (C), Global Awareness (G) or Historical Awareness (H):	3	<input type="checkbox"/>				
Humanities, Fine Arts & Design (HU) OR Social & Behavioral Science (SB):	3	<input type="checkbox"/>				
TRACKING TERM FOUR: 13 credits 43-58 CREDIT HOURS						
BIO 205: Microbiology/Laboratory	4	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> MILESTONE – Submit MDL Program Application MA requirement completed All critical courses must be completed by the end of Term Four MILESTONE - Minimum 2.50 GPA for all courses listed on this Curriculum Model, Terms One through Four. 	
COM 225 [L]	3	<input type="checkbox"/>		Grade of C		
BIO 160: Introduction to Human Anatomy and Physiology OR BIO 247: Cellular Biology	4	<input type="checkbox"/>		Grade of C		
HCE 190 Laboratory Operations	2	<input type="checkbox"/>		Grade of C		
TRACKING TERM FIVE - FALL: 10 credits 59-70 CREDIT HOURS						
MDL 410 Laboratory Leadership	1	<input checked="" type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> If accepted into the MDL program, student will progress as noted in Terms Five through Nine 	
Computer/Statistics/Quantitative applications (CS) course:	3	<input checked="" type="checkbox"/>		Grade of C		
PHI 306 or equivalent (HU)	3	<input checked="" type="checkbox"/>				
Literacy (L) & Critical Inquiry:	3	<input checked="" type="checkbox"/>				
TRACKING TERM SIX - SPRING: 24 credits 71-94 CREDIT HOURS						
HCE 240: Clinical Urinalysis and Body Fluids	4	<input type="checkbox"/>		Grade of C	<ul style="list-style-type: none"> Registration in MDL courses dependent on acceptance in the MDL Program. 	
MDL 420: Advanced Clinical Urinalysis and Body Fluids	2	<input checked="" type="checkbox"/>		Grade of C		
HCE 242: Clinical Hematology and Hemostasis	6	<input type="checkbox"/>		Grade of C		
MDL 430: Advanced Clinical Hematology and Hemostasis	3	<input checked="" type="checkbox"/>		Grade of C		
HCE 244: Clinical Immunohematology and Immunology	6	<input type="checkbox"/>		Grade of C		
MDL 440: Advanced Immunohematology and Immunology	3	<input checked="" type="checkbox"/>		Grade of C		
TRACKING TERM SEVEN - SUMMER: 7 credits 95-100 CREDIT HOURS						
HCE 241: Practicum: Clinical Urinalysis and Body Fluids	1	<input type="checkbox"/>		Grade of P	<ul style="list-style-type: none"> Registration in MDL courses dependent on acceptance in the MDL Program. 	
MDL 421: Advanced Practicum: Clinical Urinalysis and Body Fluids	1	<input checked="" type="checkbox"/>		Grade of C		
HCE 243: Practicum: Clinical Hematology and Hemostasis	1	<input type="checkbox"/>		Grade of P		
MDL 431: Advanced Practicum: Clinical Hematology and Hemostasis	1	<input checked="" type="checkbox"/>		Grade of C		
HCE 245: Practicum: Clinical Immunohematology and Immunology	1	<input type="checkbox"/>		Grade of P		
MDL 441: Advanced Practicum: Clinical Immunohematology and Immunology	2	<input checked="" type="checkbox"/>		Grade of C		
TRACKING TERM EIGHT - FALL: 20 credits 101-120 CREDIT HOURS						
HCE 246: Clinical Microbiology	6	<input type="checkbox"/>		Grade of P	<ul style="list-style-type: none"> Registration in MDL courses dependent on acceptance in the MDL Program. 	
MDL 450: Advanced Clinical Microbiology	3	<input checked="" type="checkbox"/>		Grade of C		
HCE 248: Clinical Chemistry	6	<input type="checkbox"/>		Grade of P		
MDL 460: Advanced Clinical Chemistry	3	<input checked="" type="checkbox"/>		Grade of C		

HCE 247: Practicum: Clinical Microbiology	1	<input type="checkbox"/>		Grade of P	
MDL 451: Practicum: Advanced Clinical Microbiology	1	<input checked="" type="checkbox"/>		Grade of C	
TRACKING TERM NINE - SPRING: 4 CREDIT HOURS					
HCE 249: Practicum: Clinical Chemistry	1	<input type="checkbox"/>		Grade of P	
MDL 461: Practicum: Advanced Clinical Chemistry	1	<input checked="" type="checkbox"/>		Grade of C	Registration in MDL courses dependent on acceptance into MDL Program.
HCE 290: Medical Laboratory Science Review	2	<input type="checkbox"/>		Grade of C	

Graduation Requirements Summary:

Total Hours (120 minimum)	Total Hrs at ASU (30 minimum)	Major GPA (2.500 Min.)	Total Upper Division Hrs (30 minimum)	Total Phoenix College Hrs (90 maximum)
120	30	2.5	30	90

Additional Notes:

The BAS in Medical Laboratory Sciences Program will seek program accreditation through the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS).

Summer sessions are included.

Registration is dependent upon acceptance of student into the program. The university does not guarantee all students will be accepted into the MDL Program due to space limitations at the clinical affiliates and restrictions of program accreditation. A minimum grade of C is required in all courses.

General University Requirements: Legend

- General Studies Core Requirements:
 - Literacy and Critical Inquiry (L)
 - Mathematical Studies (MA)
 - Computer/Statistics/Quantitative applications (CS)
 - Humanities, Fine Arts, and Design (HU)
 - Social and Behavioral Sciences (SB)
 - Natural Science-Quantitative (SQ)
 - Natural Science-General (SG)
- General Studies Awareness Requirements
 - Cultural Diversity in the US (C)
 - Global Awareness (G)
 - Historical Awareness (H)

Awareness areas should be completed simultaneously with HU/SB requirements