

MEDICAL DIAGNOSTICS MAJOR
CHECK LIST FOR B.S. REQUIREMENTS (Class 2016 +)
120 Credits Required for Graduation

STUDENT _____ ID# _____ Classification _____
Last First MI.

PREREQUISITE COURSES (42-47 Credit Hours)

<u>Course Symbol</u>		<u>C.H.*</u>
ENGL 110	Critical Reading and Writing	(3)
MATH ____	Mathematics	(3-4)
BISC 207	Introductory Biology I	(4)
BISC 208	Introductory Biology II	(4)
BISC 300	Introduction to Microbiology	(4)
CHEM 103	General Chemistry	(4)
CHEM 104	General Chemistry	(4)
CHEM 321	Organic Chemistry	(4)
CHEM 322	Organic Chemistry	(4)
BISC 276**	<i>Human Physiology</i>	(4)
PHYS 201/202**	<i>Introductory Physics I & II</i>	(8)

OR

KAAP 309/310*** *Human Anatomy and Phys. I & II* (8)

****BISC 276 and PHYS 201/202 recommended for Med School**

*****KAAP 309/310 recommended for PA Graduate School**

To satisfy the University breadth requirement for Mathematics, Natural Sciences and Technology, a grade of C- must be attained in at least one course from BISC 207, CHEM 103 or CHEM 104.

UNIVERSITY BREADTH REQUIREMENTS (18 Credit Hours)

<u>Creative Arts and Humanities</u>	<u>C.H.*</u>
_____	()
_____	()
<u>History and Cultural Change</u>	
_____	()
_____	()
<u>Social and Behavioral Sciences</u>	
_____	()
_____	()

3 credits from each group above must be taken to meet the University breadth requirements, attaining a minimum grade of C- in each course. An additional 3 credits from each group must be taken to meet department requirements.

MULTI-CULTURAL COURSE (3 Credit Hours)

SECOND WRITING COURSE (3 Credit Hours/minimum of C- required)

***ENGL____ 200 level or above (3 Credit Hours)

***May also satisfy Second Writing requirement if appropriate course is completed

MAJOR COURSE REQUIREMENTS (42 Credit Hours)

<u>Course Symbol</u>		<u>C.H.*</u>
MEDT 100 (FYE)	Introduction to Medical Lab Science	(1)
MEDT 200	The Language of Medicine	(3)
MEDT 360	Clinical Immuno & Medical Virology	(3)
MEDT 398	Body Fluid Analysis	(1)
MEDT 401	Clinical Physiological Chemistry I	(3)
MEDT 403	Clinical Physiological Chemistry II	(4)
MEDT 404	Hematology I	(2)
MEDT 405	Hematology II	(2)
MEDT 406	Medical Microbiology	(3)
MEDT 409	Immunohematology I	(1)
MEDT 420	Immunohematology II	(1)
MEDT 430	Diagnostic Bact. & Medical Mycology	(3)
MEDT 462	Experiential Learning	(3)
BISC 401	Molecular Biology of the Cell	(3)
BISC 403	Genetic and Evolutionary Biology	(3)
CHEM 214	Elementary Biochemistry	(3)
STAT 408	Statistical Research Methods I	(3)

Minimum grade of C- required in each MEDT course.

ELECTIVES

Sufficient additional elective credits to satisfy 120 credit requirement

_____ () _____ ()
 _____ () _____ ()
 _____ () _____ ()
 _____ () _____ ()

**All courses listed must be completed before graduation.
A minimum of 120 credits is required for graduation.**

TOTAL CREDITS _____

Student (Signature)

Program Director, Department of Medical Laboratory Sciences (Signature)

Date

*Semester Credit Hours