

**Department of Biological & Environmental Sciences  
Troy University  
Troy, AL**

**Biology Program - 131 Semester Hours (SH)  
Internship (33 SH)  
Medical Technology Concentration (3+1)  
Students Entering Fall 2007**

(type or print)

Date: \_\_\_\_\_  
(month/day/year)

Transfer courses accepted:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

A minimum of 50 % of all degree program hours must be earned with senior college hours.

**GENERAL STUDIES REQUIREMENTS: 63 SH**

		*	*	*
	R	G	E	
<b>Area I (6 SH)</b>				
ENG 1101	Composition & Modern Eng. I	3		
ENG 1102	Composition & Modern Eng. II	3		

**Area II (13 SH)**

*Must complete a six hour sequence in World/British/Amer. Lit. or U.S./Western Civ./World History (Area II and/or IV). A total of 6 hours from Area II and/or Area IV must be International in scope. International classes are indicated by ( \* )*

SPH 2241	Fundamentals of Speech	3		
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*Complete (4) Semester Hours*

ART 1133	Visual Arts	2		
MUS 1131	Music Appreciation	2		
DRA 2200	Intro. to Drama	2		

*Complete (3) Semester Hours*

ENG 2205*	World Literature before 1660	3		
ENG 2206*	World Literature after 1660	3		
ENG 2211	American Literature before 1875	3		
ENG 2212	American Literature after 1875	3		
ENG 2244	British Literature before 1785	3		
ENG 2245	British Literature after 1785	3		

*Complete (3) Semester Hours*

CLA 2260*	Classical Mythology	3		
ENG 2205*	World Literature before 1660	3		
ENG 2206*	World Literature after 1660	3		
ENG 2211	American Literature before 1875	3		
ENG 2212	American Literature after 1875	3		
ENG 2244	British Literature before 1785	3		
ENG 2245	British Literature after 1785	3		
IDS 2200	Crossroads: Soph. Inter. Seminar in Creative Thinking	3		

FRN 1101*	Introductory French I	3		
GER 1121*	Introductory German I	3		
GRK 1111*	Introductory Greek I	3		
LAT 1131*	Introductory Latin I	3		
PHI 2203	Intro. to Philosophy	3		
PHI 2204	Ethics and Modern World	3		
REL 2280*	World Religions	3		
SPN 1141*	Introductory Spanish I	3		

		*	*	*
	R	G	E	
<b>Area III (12 SH)</b>				
BIO 1100	Prin. of Biology	3		
BIO L100	Prin. of Biology Lab	1		
*CHM 1142	General Chemistry I	3		
CHM L142	General Chemistry I Lab	1		
*MTH 1125	Calculus I	4		

**\*Placement Test Required**

**Area IV (12 SH)**

*Complete (3) Semester Hours*

HIS 1101	Western Civilization I	3		
HIS 1102	Western Civilization II	3		
HIS 1111	U.S. to 1877	3		
HIS 1112	U.S. since 1877	3		
HIS 1122*	World History to 1500	3		
HIS 1123*	World History from 1500	3		

*Complete (9) Semester Hours*

ANT 2200*	Anthropology	3		
ECO 2251*	Prin. of Macroeconomics	3		
ECO 2252*	Prin. of Microeconomics	3		
GEO 2210*	World Regional Geography	3		
HIS 1101	Western Civilization I	3		
HIS 1102	Western Civilization II	3		
HIS 1111	U.S. to 1877	3		
HIS 1112	U.S. since 1877	3		
HIS 1122*	World History to 1500	3		
HIS 1123*	World History from 1500	3		
POL 2260*	World Politics	3		
POL 2241	American National Govt	3		
PSY 2200	General Psychology	3		
PSY 2210	Developmental Psychology	3		
SOC 2275	Intro. to Sociology	3		
IDS 2200	Crossroads: Soph. Inter. Sem. in Creative Thinking	3		

Academic Program: \_\_\_\_\_ Bulletin To graduate a C average is required in each major

**BIOLOGY PROGRAM *Medical Technology Concentration* (3+1)**

			*	*	*
			R	G	E
<b>Area V (20SH)</b>					
TROY 1101	University Orientation	1			
IS 2241	Computer Concepts & Appl.	3			
BIO 1101	Organismal Biology	3			
BIO L101	Organismal Biology Lab	1			
CHM 1143	General Chemistry II	3			
CHM L143	General Chemistry II Lab	1			
BIO 3382	Immunology	3			
BIO L382	Immunology Lab	1			
BIO 3386	Hematology	3			
BIO L386	Hematology Lab	1			

**Medical Technology Program**

(43 SH On-Campus & 33 SH Off-Campus)

*Required Core (23 SH)*

CHM 3342	Organic Chemistry I	3			
CHM L342	Organic Chemistry I Lab	1			
BIO 2229	General Ecology	3			
BIO L229	General Ecology Lab	1			
BIO 3320	Genetics	3			
BIO L320	Genetics Lab	1			
BIO 3372	General Microbiology	3			
BIO L372	General Microbiology Lab	1			
CHM 3343	Organic Chemistry II	3			
CHM L343	Organic Chemistry II Lab	1			
MTH 2210	Appl Stats for Sciences	3			

*Lectures and corresponding labs must be taken together. Must complete all for 3+1 (12 SH)*

BIO 3347	Human Anatomy & Phy. I	3			
BIO L347	Human Anatomy & Phy. I Lab	1			
BIO 3348	Human Anatomy & Phy II	3			
BIO L348	Human Anatomy & Phy II Lab	1			
BIO 4471	Parasitology	3			
BIO L471	Parasitology Lab	1			

**Students must complete 29 hours on main campus prior to application for internship.**

**Medical Technology hospital internship courses (33 SH)**

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		R	G	E
MT 4400	Clinical Urinalysis	1		
MT 4401	Urinalysis Lab	1		
MT 4402	Clinical Microbiology	4		
MT 4403	Clinical Microbiology Lab	2		
MT 4404	Clinical Parasitology	1		
MT 4405	Clinical Parasitology Lab	1		
MT 4406	Clinical Hematology	4		
MT 4407	Clinical Hematology Lab	2		
MT 4408	Immuno-hematology	3		
MT 4409	Immuno-hematology Lab	1		
MT 4410	Clinical Serology	2		
MT 4411	Clinical Serology Lab	1		
MT 4412	Clinical Chemistry	6		
MT 4413	Clinical Chemistry Lab	4		

**Total Hours Completed including** \_\_\_\_\_

**Hours to be completed** \_\_\_\_\_

**General Studies Courses** \_\_\_\_\_

**Program I** \_\_\_\_\_

**Free Electives** \_\_\_\_\_

**Senior Level Hours Required** \_\_\_\_\_

**Senior Level Hours Earned** \_\_\_\_\_

**Senior Level Remaining** \_\_\_\_\_

**SPECIAL NOTE:**

Every reasonable effort to attain accuracy has been made: no responsibility is assumed for editorial, clerical, or printing errors or errors occasioned by honest mistake. Should you discover an error, it is your responsibility to report it immediately to the Departmental Office.