

FLORIDA A&M UNIVERSITY
SCHOOL OF ALLIED HEALTH SCIENCES
DIVISION OF CARDIOPULMONARY SCIENCE
Prerequisite for Professional Curriculum

FRESHMAN YEAR

**SEMESTER
HOURS**

Fall Semester

ENC 1101	Freshman Communicative Skills I.....	3
MAC 1105	College Algebra.....	3
BSC 1010*	General Biology (with lab).....	4
AMH 2010	US History.....	OR
AMH 2025	US History.....	3
CHM 1030	Intro Chemistry for Health Science w/lab.....	OR
CHM 1045	General Chemistry I.....	4
Total Semester Credits.....		17

Spring Semester

HSC 1000*	Orientation to Health Sciences.....	1
ENC 1102	Freshman Communicative Skills II.....	3
CHM 1031	Chemistry for Health Science w/lab.....	OR
CHM 1046	General Chemistry II.....	4
AMH 2091	Intro to African American History.....	OR
AMH 3571	Afro-American History.....	3
HSC 1100*	Health for Modern Living.....	3
MAC 1114	Algebraic & Trig Functions.....	3
Total Semester Credits.....		17

SOPHOMORE YEAR

Fall Semester

XXX XXXX	Any Approved Humanities.....	3
PSY 2012	Intro to Psychology.....	OR
SYG 2000	Intro to Sociology.....	3
SPC 2608	Foundation of Speech.....	3
BSC 2093*	Anatomy & Physiology I w/lab.....	4
Total Semester Credits.....		13

Prerequisite for Professional Curriculum

Spring Semester		SEMESTER HOURS
CGS 1160	Intro to Microcomputers.....	3
BSC 2094*	Anatomy & Physiology. II w/lab.....	4
HSC 3531*	Medical Terminology.....	3
PHY 2053*	College Physics w/lab.....	4
Total Semester Credits.....		14
Summer Semester		
MAN 3025*	Principles of Management.....	3
MCB 3005*	Microbiology (w/lab).....	OR
PHA 3751*	Medical Microbiology & Immunology.....	4
STA 2023*	Intro to Probability & Statistics w/lab.....	3
Total Semester Credits.....		10
Prerequisite Curriculum Total Credits.....		71

*Must successfully complete these courses regardless of degree status

Professional Curriculum

<u>JUNIOR YEAR</u>		Semester Hours
Fall Semester		
RET 3483	Health Assess & Intervention w/lab.....	4
RET 3485	Integration of Structure & Function of Human Systems.....	4
RET 4350	Medical Therapeutic Agents.....	4
Total Semester Credits.....		12
Spring Semester		
RET 3874	Clinical Process & Intervention I.....	4
RET 3034	Cardiopulmonary Assessment w/lab.....	4
HSA 3110	Organization & Administration of Health Facilities.....	3
RET 4294	Cardiopulmonary Pathology.....	2
Total Semester Credits.....		13

		SEMESTER HOURS
Summer Semester		
RET 3264	Critical Health Assessment & Interventions w/lab.....	4
RET 3875	Critical Process & Critical Interventions II.....	4
RET 4930	Professional Seminar Respiratory Therapy.....	1
Total Semester Credits.....		9
 SENIOR YEAR		
Fall Semester		
RET 4876	Clinical Process & Critical Interventions III.....	4
RET 4618	Advanced Seminar in Respiratory Therapy	3
RET 4714	Neonatal & Pediatric Respiratory Therapy w/lab.....	5
Total Semester Credits.....		12
 Spring Semester		
RET 4616	Advanced Seminar in Cardiopulmonary Science.....	2
RET 4877	Clinical Process & Critical Interventions IV.....	4
RET 3418	Diagnostics & Non-traditional Health Care Delivery w/lab.....	4
Total Semester Credits.....		10
 Professional Curriculum Total Credits:		 56
 Total Credits.....		 127-128