

Computers are also supported with statistical software for statistical data analysis. The department's plans to have hardware and software to facilitate WEB access for online group discussions on Critiquing Research Papers sponsored by ASU-Pennsylvania State University Bridge to Doctoral Program in Biomedical Sciences.

- 2. Research Opportunities in Faculty Directed Research Projects:** Faculty members are engaged in externally funded research projects. These projects support both graduate and undergraduate students. Students are encouraged to seek available positions in the department with faculty members who are principal investigators of research projects as well as other research and/or intern opportunities. These externally funded research programs will provide students with excellent competitive research experiences, and in some cases, with financial assistance. Many of these programs provide support for travel expenses to regional or national scientific conferences.

Bachelor of Science Degree: Biology Concentration (120 Credit Hours)

This curriculum fulfills requirements for B.S. degree in Biology. Students with a B.S. degree in Biology may advance to the M.S. Degree Program in Biology or a closely related area at Alcorn State University or any accredited institution offering an advanced degree. This B.S. degree program also qualifies students for entry into selected professional programs upon the completion of qualifying entrance examinations. This degree prepares students for entry level employment opportunities. Enrollment in advanced level biology courses (BI 300 and above) requires exiting from the First Year Experience Program at Alcorn State University. For successful completion of biology courses, a student must receive a minimum grade of "C". Prior to registering for advanced courses (300 and 400 levels), students must complete the appropriate prerequisites. A transfer student who has completed biology courses at other institutions must seek advisement from a departmental academic advisor or the chairperson.

Upon completion of a curricular program and passing a departmental exit examination, a student will receive a B.S. degree in Biology from Alcorn State University.

Biology Major

A Proposed Program of Study for the Baccalaureate Degree in Biology (120 Credit Hours)

Freshman Year (32)						
First Semester	Class	Hrs.		Second Semester	Class	Hrs.
CH 121	General Chemistry I	3		CH 122	General Chemistry II	3
CH 121L	General Chemistry I Lab	1		CH 122L	General Chemistry II Lab	1
BI 125 BI 191	General Biology I or Honors Biology I	3		BI 126 BI 192	General Biology II or Honors Biology II	3
BI 125L BI 191L	General Biology I Lab or Honors Biology I Lab	1		BI 126L BI 192L	General Biology II Lab or Honors Biology II Lab	1
EN 111	Composition I	3		EN 112	Composition II	3
MA 135	Pre - Calculus	4		MA 181	Calculus I w/Ana. Geom.	4
UL 101	University Life	1		ND 101	Health and Wellness	1
	TOTAL	16			TOTAL	16
Sophomore Year (29)						
BI 215L	Comparative Anatomy Lab	1		PY 112	Physical Science II	3
BI 215	Comparative Anatomy	3		CH 315	Survey of Org. Chemistry	3

SA 223	Oral Communication		3		CH 315L	Survey of Org. Chem. Lab		1
PY 111	Physical Science I		3		EN 213	Studies in Literature		3
HI 111	World Civilization I or General Sociology		3		HI 112	World Civilization II or General Psychology		3
SY 235					PH 132			
					MU 213	Music Appreciation or Art Appreciation		3
					AR 214			
	TOTAL		13			TOTAL		16
Junior Year (30)								
BI 335	Human Anatomy & Physiology I		3		BI 300	Biological Chemistry		3
BI 335L	Human Anatomy & Physiology I Lab		1		BI 336	Human Anatomy & Physiology II		3
BI 325	General Microbiology		3		BI 336L	Human Anatomy & Physiology II Lab		1
BI 325L	General Microbiology Lab		1		BI 390	Environmental Bio. & Ecol.		3
BI 355	General Parasitology		3		BI-390L	Environmental Bio. & Ecol. Lab		1
BI 355L	General Parasitology Lab		1		EC 201	Principles of Economics I		3
BI 361	Cell & Molecular Biology I		3					
BI 361L	Cell & Molecular Biology I Lab		1					
	TOTAL		16			TOTAL		14
Senior Year (29)								
BI 423	Introduction to Biostatistics		3		BI 420	Medical Microbiology		3
BI 425	Prin. of Immunology		3		BI 420L	Medical Microbiology Lab		1
BI 425L	Prin. of Immunology Lab		1		BI 446	Histology		3
BI 445	Genetics		3		BI 446	Histology Lab		1
BI 445L	Genetics Lab		1		BI 328	Conceptual Analysis and Critical Thinking I		3
BI 481	Introduction to Toxicology		3		BI 300-400	Elective		3
					BI 300-400	Elective (lab)		1
	TOTAL		14			TOTAL		15

*Suggested Biology Elective: BI 324 General Botany with lab, BI 482 Applied Physiology with lab, BI 400 Evolution, or other courses with the approval of Curriculum Advisor

Bachelor of Science Degree: Biology Education Concentration (120 Credit Hours)

This curriculum is designed to provide the fundamental concepts in the content areas such as zoology, botany, general biology, and other specialized areas in the biological sciences needed for biology educators. Courses are chosen in order to provide the prospective science educator with a broad background in the biological sciences. The department offers methodology courses in conjunction with the Department of Education and Psychology. The methodology courses are intended to familiarize students with various pedagogical theories and their application to learning, and materials that are used to teach biology.

After completing 44 semester credit hours of Core Courses with a minimum grade point average of 2.75, and a cumulative grade point average of 2.75, with a minimum grade of "C" or better in the prescribed math and English courses, the student must apply for admission to the Teacher Education Program. To be admitted to the School of Education and Psychology, the student must pass Praxis I.

Freshman Year (32)							
First Semester	Class		Hrs.		Second Semester	Class	Hrs.
BI 121	General Zoology I		3		CH 122	General Chemistry II	3
BI 121L	General Zoology I Lab		1		CH 122L	General Chemistry II Lab	1
CH 121	General Chemistry I		3		BI 324	General Botany	3
CH 121L	General Chemistry I Lab		1		BI 324L	General Botany Lab	1
MA 121	College Algebra		3		MA 132	Trigonometry	3
EN 111	Composition I		3		EN 112	Composition II	3
UL 101	University Life		1		HI 111	World Civilization I	3
	TOTAL		15			TOTAL	17
Sophomore Year (33)							
AR 214	Art Appreciation or Music Appreciation		3		BI 336	Human Anatomy & Physiology II	3
MU 213							
SA 223	Oral Communications		3		BI 336L	Human Anatomy & Physiology II Lab	1
BI 311	Survey of Biological Sciences		3		BI 226	Developmental Biology	3
BI 335	Human Anatomy & Physiology I		3		BI 226L	Developmental Biology Lab	1
BI 335L	Human Anatomy & Physiology I Lab		1		HI 112	World Civilization II	3
EN 213	Introduction to Literature		3		PH 132	General Psychology	3
					ED 200	Social Studies/Multicultural Ed	3
	TOTAL		16			TOTAL	17
Junior Year (30)							
BI 361	Cell & Molecular Biology I		3		BI 485	Teaching Science in the Secondary School	3
BI 361L	Cell & Molecular Biology I Lab		1		BI 328	Analysis and Critical Thinking I	3
BI 325	General Microbiology		3		PH 326	Psychology of the Excep. Child	3
BI 325L	General Microbiology Lab		1		ED 498	Reading in the Secondary School	3
ED 302	Teaching Practicum/Technology		3		BI 390	Env. Bio. & Ecology	3
ED 351	Managing Classroom		3		BI 390L	Env. Bio. & Ecology Lab	1
	TOTAL		14			TOTAL	16
Senior Year (25)							
BI 445	Genetics		3		ED 468	Directed Teaching	12
BI 445L	Genetics Lab		1				
ED 348	Foundations of Ed.		3				
PH 347	Measurement & Evaluation		3				
BI 415	Computer Application		3				
	TOTAL		13			TOTAL	12

B.S. Degree in Biology: Molecular Biology (Biotechnology Major) (120 Credit Hours)

The purpose of this curriculum is to prepare students in cellular and molecular bioscience, as well as genetic engineering. The students will be provided with a foundation in the principles of genetics and molecular biology of both prokaryotic and eukaryotic organisms. After successful completion of this program, the student will be able to gain additional specialized training in forensic, pharmaceutical, or seek in employment in specialized laboratory.

Freshman Year (31)							
First Semester	Class		Hrs.		Second Semester	Class	Hrs.
BI 125 BI 121	General Biology I or General Zoology I		3		BI 126 BI 122	General Biology II or General Zoology II	3
BI 125L BI 121L	General Biology I Lab or General Zoology I Lab		1		BI 126L BI 122L	General Biology II Lab or General Zoology II Lab	1
CH 121	General Chemistry I		3		CH 122	General Chemistry II	3
CH 121L	General Chemistry I Lab		1		CH 122L	General Chemistry II Lab	1
EN 111	Composition I		3		EN 112	Composition II	3
MA 181	Calculus I w/Ana. Geom.		4		MA 182	Calculus II w/Ana. Geom.	4
UL 101	University Life		1				
	TOTAL		16			TOTAL	15
Sophomore Year (31)							
CH 221	Organic Chemistry I		3		CH 222	Organic Chemistry II	3
CH 221L	Organic Chemistry I Lab		1		CH 222L	Organic Chemistry II Lab	1
PY 215	General Physics I (Non-Calculus)		3		PY 216	General Physics II (Non-Calculus)	3
PY 215L	General Physics I (Non-Calculus) Lab		1		PY 216L	General Physics II (Non-Calculus) Lab	1
HI 111	World Civilization I		3		HI 112	World Civilization II	3
EN 213	Studies in Literature		3		PH 132	General Psychology	3
					MU 213 or AR 214	Music Appreciation or Art Appreciation	3
	TOTAL		14			TOTAL	17
Junior Year (29)							
BI 325	General Microbiology		3		CH 332	Biochemistry II	3
BI 325L	General Microbiology Lab		1		CH 332L	Biochemistry II lab	1
CH 331	Biochemistry I		3		BI 362	Cell & Molecular Biology II	3
CH 331L	Biochemistry I Lab		1		BI 362L	Cell & Molecular Biology II Lab	1
BI 361	Cell & Molecular Biology I		3		BI 336	Human Anatomy & Physiology II	3
BI 361L	Cell & Molecular Biology I Lab		1		BI 336L	Human Anatomy & Physiology II Lab	1
SA 223	Oral Communications		3				-
BI 449	Independent Study		2				
	TOTAL		17			TOTAL	12

Senior Year (29)							
BI 423	Introduction to Biostatistics		3		BI 400	Evolution	3
BI 445	Genetics		3		BI 498	Bio. Research Instrumentation	3
BI 445L	Genetics Lab		1		BI 498L	Bio. Research Instrumentation Lab	1
BI 403	Mycology		3		BI 402	Bioethics	3
BI 403L	Mycology Lab		1		BI 328	Analysis & Critical Thinking I	3
BI 425	Prin. of Immunology		3		BI 450	Seminar	1
BI 425L	Prin. of Immunology Lab		1				
	TOTAL		15			TOTAL	14

B. S. Degree in Biology: Environmental Biology and Ecology Major (120 Credit Hours)

The Environmental Biology and Ecology concentration is an interdisciplinary program that addresses global environment-related issues.

The curriculum is designed to provide instruction to students with reference to the processes and associated methodologies that are needed to assess potential beneficial and descriptive impacts on complex environmental systems. Students are advised to check with their faculty advisors for any additions, substitutions, waivers and deletions of courses in this curriculum.

Freshman Year (30)							
First Semester	Class		Hrs.		Second Semester	Class	Hrs.
CH 121	General Chemistry I		3		CH 122	General Chemistry II	3
CH 121L	General Chemistry I Lab		1		CH 122L	General Chemistry II Lab	1
BI 125 BI191	General Biology I or Honors Biology I		3		BI 126 BI 192	General Biology II or Honors Biology II	3
BI 125L BI 191L	General Biology I Lab or Honors Biology I Lab		1		BI 126L BI 192L	General Biology II Lab or Honors Biology II Lab	1
EN 111	Composition I		3		EN 112	Composition II	3
MA 121	College Algebra		3		MA 132	Trigonometry	3
UL 101	University Life		1		ND 101	Health and Wellness	1
	TOTAL		15			TOTAL	15
Sophomore Year (34)							
SA 223	Oral Communications		3		MU 213 AR 214	Music Appreciation or Art Appreciation	3
BI 215	Comparative Anatomy		3		PH 132	General Psychology	3
BI 215L	Comparative Anatomy Lab		1		EC 201	Principles of Economics I	3
SP 111	Spanish I		3		PY 111	Physical Science I	3
EN 213	Studies in Literature		3		SP 112	Spanish II	3
HI 111 SY 235	World Civilization I or General Sociology		3		BI 328	Conceptual Analysis and Critical Thinking I	3
	TOTAL		16			TOTAL	18

Junior Year (27)							
BI 325	General Microbiology		3		BI 318	Field Biology & Ecology	3
BI 325L	General Microbiology Lab		1		BI 318L	Field Biology & Ecology	1
BI 355	General Parasitology		3		BI 390	Env. Biology & Ecology	3
BI 355L	General Parasitology Lab		1		BI 390L	Env. Biology & Ecology Lab	1
BI 361	Cell & Molecular Biology I		3		BI 300	Biological Chemistry	3
BI 361L	Cell & Molecular Biology I Lab		<u>1</u>		BI 324	Botany	3
					BI 324L	Botany Lab	<u>1</u>
	TOTAL		12		TOTAL		15
Senior Year (29)							
BI 423	Introduction to Biostatistics		3		BI 348	Plant Physiology	3
BI 445	Genetics		3		BI 348L	Plant Physiology Lab	1
BI 445L	Genetics Lab		1		BI 400	Evolution	3
BI 453	Environmental Risk Assessment		3		BI 456	Special Topics in Environmental Biology/Ecology	3
BI 481	Introduction to Toxicology		3		BI 462	Environmental Policy	3
BI 449	Independent Study		<u>2</u>		BI 450	Seminar	<u>1</u>
	TOTAL		15		TOTAL		14

B. S. Degree in Biology: Health Science Major (120 Credit Hours)

The Health Science concentration is a B.S. degree curriculum in Biology which prepares students for careers in health-related fields through a broad understanding of human development and factors which influence human health. This option prepares students for graduate studies in fields, such as nutrition, public health, health service, planning and administration, public health and other areas related to health science. After successful completion of the curriculum and passing a Departmental Comprehensive (exit) Examination, a student will receive a B.S. Degree in Biology with a concentration in Health Science.

Freshman Year (30)							
First Semester	Class		Hrs.		Second Semester	Class	Hrs.
BI 125 BI 191	General Biology I or Honors Biology I		3		BI 126 BI 192	General Biology II or Honors Biology II	3
BI 125L BI 191L	General Biology I Lab or Honors Biology I Lab		1		BI 126L BI 192L	General Biology II Lab or Honors Biology II Lab	1
CH 121	General Chemistry I		3		CH 122	General Chemistry II	3
CH 121L	General Chemistry I Lab		1		CH 122L	General Chemistry Lab	1
EN 111	Composition I		3		EN 112	Composition II	3
MA 121	College Algebra		3		MA 132	Trigonometry	3
UL 101	University Life		<u>1</u>		ND 101	Health & Wellness	<u>1</u>
	TOTAL		15		TOTAL		15
Sophomore Year (30)							
MU 213 AR 214	Music Appreciation or Art Appreciation		3		PH 320	Developmental Psychology	3

ND 225	Intro. To Nutrition		3	BI 308	Introduction to Health Science		3
SY 235 PH 132	General Sociology or General Psychology		3	SA 223	Oral Communications		3
EN 213	Studies in Literature		3	HI 111 EC 201	World Civilization I or Principles of Economics I		3
PE 245	First Aid & Safety		3	PE 122	Health		3
	TOTAL		15		TOTAL		15
Junior Year (32)							
CH 315	Survey of Organic Chemistry		3	BI 300	Biological Chemistry		3
CH 315L	Survey of Organic Chemistry Lab		1	BI 336	Human Anatomy & Physiology II		3
BI 325	General Microbiology		3	BI 336L	Human Anatomy & Physiology II Lab		1
BI 325L	General Microbiology Lab		1	BI 320	Medical Terminology		3
BI 335	Human Anatomy & Physiology I		3	BI 328	Analysis and Critical Thinking I		3
BI 335L	Human Anatomy & Physiology I Lab		1	BI 326	Pharmacology		3
BI 355	General Parasitology		3				–
BI 355L	General Parasitology Lab		1				
	TOTAL		16		TOTAL		16
Senior Year (28)							
BI 361	Cell & Molecular Biology I		3	BI 420	Medical Microbiology		3
BI 361L	Cell & Molecular Biology I Lab		1	BI 425L	Medical Microbiology Lab		1
BI 445	Genetics		3	BI 400	Evolution		3
BI 445L	Genetics Lab		1	BI 402	Bioethics		3
BI 425	Immunology		3	BI 300-400	Biology elective (restricted)		3
BI 425L	Immunology Lab		1				
BI 423	Introduction to Biostatistics		3				
	TOTAL		15		TOTAL		13

***Suggested Biology Electives: BI-311 Survey of Biology, BI 481 Introduction to Toxicology, or other courses by the permission of the Curriculum Advisor.**

B.S. in Biology Degree: Pre-Professional Concentration (120 Credit Hours)

This curriculum is designed for students who are interested in seeking admission to Medical School, School of Dentistry, School of Pharmacy, or School of Veterinary Medicine. Upon the completion of this curriculum, the students will be required to make a favorable score on the MCAT /DAT and/or other professional admission tests. The Office of Honors and Pre-Professional Programs along with the departmental advisors provide the students with academic training materials and activities to help prepare them for the examinations.

The students must maintain a Cumulative Grade Point Average of 3.0 or better. A student interested in entering a professional program, must actively participate in all academic activities at Alcorn State University in support of the curriculum. Students are encouraged to consult regularly with the faculty advisors.

Freshman Year (32)						
First Semester	Class	Hrs.		Second Semester	Class	Hrs.
CH 121	General Chemistry I	3		CH 122	General Chemistry II	3
CH 121L	General Chemistry I Lab	1		CH 122L	General Chemistry II Lab	1
BI 125 BI 191	General Biology I or Honors Biology	3		BI 126 BI 192	General Biology II or Honors Biology II	3
BI 125L BI 191	General Biology I Lab or Honors Biology I	1		BI 126L BI 192	General Biology II Lab or Honors Biology II	1
EN 111	Composition I	3		EN 112	Composition II	3
MA 135	Pre-Calculus	4		MA 181	Calculus I w/Ana. Geom.	4
UL 101	University Life	1		ND 101	Health and Wellness	1
PR 101	Intro Pre-Prof & Pre-Grad Prog	0		PR 101	Intro Pre-Prof & Pre-Grad Prog	0
	TOTAL	16			TOTAL	16
Sophomore Year (35)						
HI 111 SY 235	World Civilization I or General Sociology	3		MU 213 AR 214	Music Appreciation or Art Appreciation	3
CH 221L	Organic Chemistry I	3		CH 222	Organic Chemistry II	3
CH 221	Organic Chemistry I Lab	1		CH 222L	Organic Chemistry II Lab	1
SA 223	Oral Communications	3		EN 213	Studies in Literature	3
PY 215	General Physics I (Non-Calculus)	3		PH 132	General Psychology	3
PY 215L	General Physics I (Non- Calculus) Lab	1		PY 216	General Physics II (Non- Calculus)	3
BI 215	Comparative Anatomy	3		PY 216L	General Physics II (Non- Calculus) Lab	1
BI 215L	Comparative Anatomy Lab	1				
PR 201	Pre-Prof & Pre-Grad Program I	0		PR 202	Pre-Prof & Pre-Grad Program I	0
	TOTAL	18			TOTAL	17
Junior Year (29)						
BI 335	Human Anatomy & Physiology I	3		BI 336	Human Anatomy & Physiology II	3
BI 335L	Human Anatomy & Physiology I Lab	1		BI 336L	Human Anatomy & Physiology II Lab	1
BI 361	Cell & Molecular Biology I	3		BI 328	Analysis and Critical Thinking I	3
BI 361L	Cell & Molecular Biology I Lab	1		BI 300-400	Biology elective (restricted)	3
CH 331	Biochemistry I	3		BI 300-400	Biology elective (restricted)	3
CH 331L	Biochemistry I Lab	1		PR 302	Pre-Prof & Pre-Grad Program II	0
BI 325	General Microbiology	3				
BI 325L	General Microbiology Lab	1				
PR 301	Pre-Prof & Pre-Grad Program II	0				
	TOTAL	16			TOTAL	13
Senior Year (24)						
BI 425	Prin. of Immunology	3		BI 420	Medical Microbiology	3
BI 425L	Prin. of Immunology Lab	1		BI 420L	Medical Microbiology Lab	1

BI 423	Introduction to Biostatistics		3	BI 446	Histology		3
BI 450	Seminar		1	BI 446L	Histology Lab		1
BI 445	Genetics		3	BI 482	Applied Physiology		3
BI 445L	Genetics Lab		1	BI 482L	Applied Physiology Lab		1
PR 401	Pre-Prof & Pre-Grad Seminar		0	PR 402	Pre-Prof & Pre-Grad Seminar		0
	TOTAL		12		TOTAL		12

B.S. in Biology Degree: Pre-Physical Therapy Concentration (120 Credit Hours)

The curriculum is designed for students interested in a professional career in physical therapy. Physical therapy schools differ significantly in their pre-professional requirements. Therefore, students should consult with an advisor, explore physical therapy programs of interest, and coordinate their specific pre-professional curriculum in line with these schools.

The Physical Therapy curriculum is a generalized curriculum designed to prepare students for the highly competitive nature of admittance into a Doctor of Physical Therapy Program. Course substitutions should be handled carefully and approved only by a curriculum advisor. This curriculum consists of the most commonly required physical therapy prerequisites. The curriculum leads to a Bachelor of Science Degree in Biology.

Freshman Year (30)							
First Semester	Class		Hrs.	Second Semester	Class		Hrs.
CH 121	General Chemistry I		3	CH 122	General Chemistry II		3
CH 121L	General Chemistry I Lab		1	CH 122L	General Chemistry Lab		1
BI 125 or BI 191	General Biology I or Honors Biology I		3	BI 126 or BI192	General Biology II or Honors Biology II		3
BI 125L or BI 191 L	General Biology I Lab or Honors Biology I Lab		1	BI 126L or BI 192L	General Biology II Lab or Honors Biology II Lab		1
EN 111	Composition I		3	EN 112	Composition II		3
MA121	College Algebra		3	MA 132	Trigonometry		3
UL 101	University Life		1	ND 101	Health and Wellness		1
	TOTAL		15		TOTAL		15
Sophomore Year (32)							
SP 111	Spanish I		3	SP 112	Spanish II		3
SA 223	Oral Communication		3	EN 213	Introduction to Literature		3
PY 215	General Physics I (Non-Calculus)		3	PY 216	General Physics II (Non-Calculus)		3
PY 215L	General Physics I (Non-Calculus) Lab		1	PY 216L	General Physics II (Non-Calculus) Lab		1
EC 201	Principles of Economics I		3	HI 111	World Civilization		3
PH 132	General Psychology		3	AR 214 or MU 213	Art Appreciation or Music Appreciation		3
	TOTAL		16		TOTAL		16
Junior Year (31)							
BI 335	Human Anatomy & Physiology I		3	BI 336	Human Anatomy & Physiology II		3
BI 335L	Human Anatomy & Physiology I Lab		1	BI 336 L	Human Anatomy & Physiology II Lab		1
BI 325	General Microbiology		3	PH 320	Developmental Psychology		3

BI 325L	General Microbiology Lab		1		BI 328	Conceptual Analysis and Critical Thinking		3
BI 215	Comparative Anatomy		3		BI 320	Medical Terminology		3
BI 215L	Comparative Anatomy Lab		1		BI 326	Pharmacology		3
MA 377	Statistics		3			TOTAL		16
	TOTAL		15					
Senior Year (27)								
BI 445	Genetics		3		BI 420	Medical Microbiology		3
BI 445L	Genetics Lab		1		BI 420L	Medical Microbiology Lab		1
BI 300-400	Biology elective (restricted)		3		BI 468	Kinesiology		3
BI 300-400 L	Biology elective Lab (restricted)		1		BI 468L	Kinesiology Lab		1
PE 435	Physiology of Exercise		3		BI 482	Applied Physiology		3
BI 400	Evolution		3		BI 482L	Applied Physiology Lab		1
PR 401	Pre-Prof & Pre-Grad Program Seminar		0		BI 450	Seminar		1
					PR 402	Pre-Prof & Pre-Grad Program Seminar		0
	TOTAL		14			TOTAL		13

***Suggested Biology Electives: BI 402, other courses may be substituted at the advisement and with approval of the Academic Advisor or Chairperson. Courses related to Motor Skills Development (PE 328), Kinesiology (PE 468) etc., are strongly recommended.**

Pre-Nursing

This lower level pre-professional nursing curriculum is designed to focus on courses in the liberal arts, physical, biological, social, and behavioral sciences. The curriculum meets the general education core requirements for eligibility to apply for admission to Alcorn's Bachelor of Science in Nursing (BSN) Program. Please note, this curriculum satisfies the general education core requirements for Alcorn State University. Admission to institutions other than Alcorn State University may require additional general education coursework.

Minimum eligibility requirements to qualify for admission to Alcorn State University's BSN Program are: a grade of "C" in all courses, a grade point average of 2.5, and a composite ACT score of 21. **Completing general education course work at Alcorn State University and meeting minimum admission criteria does not guarantee admission to the BSN Program.**

Pre-Nursing Curriculum (61 Credit Hours)

Freshman Year (30)								
First Semester	Class		Hrs.		Second Semester	Class		Hrs.
CH 121	General Chemistry		3		EN 112	Composition II		3
CH 121L	General Chemistry Lab		1		HI 225	United States History		3
EN 111	Composition I		3		PH 132	General Psychology		3
MA 121	College Algebra		3		SA 223	Oral Communication		3
CS 201	Basic Programming		3		EN 213	Introduction to Literature		3
UL 101	University Life		1			TOTAL		15
	TOTAL		14					

***Elective/Added Coursework: CH 121 and 122 with labs, BI 125 and 126 with labs.**

Sophomore Year (31)							
BI 335	Human Anatomy & Physiology I		3		BI 325	General Microbiology	3
BI 335L	Human Anatomy & Physiology I Lab		1		BI 325L	General Microbiology Lab	1
PH 320	Developmental Psychology		3		SS 307	Statistical Methods	3
SY 235	General Sociology		3		BI 336	Human Anatomy & Physiology II	3
SS 397	Ethics		3		BI 336L	Human Anatomy & Physiology II Lab	1
ND 225	Introduction to Nutrition		3		SY 408	The Family Creative Arts/Humanities	3
	TOTAL		16		Electives	(AR 214, SA 245, HU 201, MU 213)	3
						TOTAL	17

** Suggested Biology Electives: BI 355 General Parasitology, BI 400 Evolution, BI 328 Conceptual Analysis and Critical Thinking, BI 481 Toxicology, BI 326 Pharmacology or other courses with the approval of the curriculum advisor.