



COURSE PROGRAM STRUCTURE/STUDENT CHECKLIST

PROGRAM OF STUDY: Bachelor of Science (BS) – Health Sciences (BHS) BS- Health Care Management (HCM) BS – Public Health Management (PHM) BS – Industrial Engineering (BIE) BS –Information Technology (BIT) BS –Information Management (BIM) BS –Cybersecurity (BCY) BS –Computer Science (BCS)

The degree typically takes 4-5 years to complete. However, students enrolled in the accelerated option can complete the bachelor’s degree within 3-4 years. Students with 2 years of previous college credits, and students who possess professional educational backgrounds with diplomas in their field studies can complete the bachelor’s degree program within 2 – 2 ½ years. **Bachelor’s Degree Completion: 3-4 years accelerated program. Bachelor’s Degree Specialized completion program – 18 Months – 2 years.** Students admitted to the bachelor’s degree program can enroll in the 8 weeks accelerated semester or in the regular 12 weeks semester, and they can take up 9 credits during each semester. **128 credit hours are required for completion.** General Education: 64 credit hours; Required Core Courses: 28; Required and Specialized Electives: 30; Research Project: 6.

BACHELOR OF ARTS (BA) PROGRAM – FIRST YEAR (CORE COURSES)			
Course No.	Course	Credit(s)	Grade
ORI 101	Freshman Orientation	1	
RED 101	College Reading	3	
ALG 101	Elementary Algebra	3	
ENG 101	English Composition I	3	
HLTH 101	Personal Health	3	
Total		13	

BACHELOR OF ARTS (BA) PROGRAM – FIRST YEAR (CORE COURSES)			
Course No.	Course	Credit(s)	Grade
ENG 102	English Composition II	3	
TECH 102	Technology Fluency	3	
ALG 102	College Algebra	3	
SPC 102	Introduction to Speech Communication	3	
HIS 104	United States History I	3	
Total		15	

BACHELOR OF ARTS (BA) PROGRAM – SECOND YEAR (CORE/REQUIRED & SPECIALIZED COURSES)			
Course No.	Course	Credit(s)	Grade
SOC 101	Introduction to Social Sciences	3	
MGT 102	Management Concepts	3	
ECO 103	Introduction to Economics	3	
HIST 105	World History I	3	
BIO 101	Biological Science	3	
Total		15	

BACHELOR OF SCIENCE (BS) PROGRAM – BHS			
Course No.	Course	Credit(s)	Grade
BHS 200	Introduction to Health Sciences	3	
BHS 201	Mental Health Services	3	
BHS 202	Health Organizational Management	3	
BHS 203	Quality Appraisal and Evaluation	3	
BHS 204	Health Services Planning & Marketing	3	
BHS 205	Health Services in Human Resources Management	3	

BHS 206	Human/Health Services Practicum	3	
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BACHELOR OF SCIENCE (BS) PROGRAM – HCM/PHM			
Third year Students may elect to take any of the courses below or take additional courses from the courses listed below. Interested students should confer with their mentors before making such decision.			
Course No.	Course	Credit(s)	Grade
HCM 207	Introduction to Healthcare Management	3	
HCM 208	Health Law, Ethics, and Policy	3	
HCM 209	Healthcare Quality Management	3	
HCM 210	Healthcare Financial Management & Economics	3	
HCM 211	Communication, Marketing, and Public Relations for Healthcare Administration Leaders	3	
PHM 212	Introduction to Public Health Management	3	
PHM 213	U.S. and International Healthcare System	3	
PHM 214	Theories of Health Behavior	3	
PHM 215	Leadership in Public Health	3	
PHM 216	Health Advocacy & Policy	3	

Note: The University encourages students to engage in their third year in a capstone learning experience: advanced seminars, clinical practice, and writing projects that call on students to use the full extent of their knowledge, skills, and methodological tools in a field to address the most interesting and complicated legal problems of today.

**BACHELOR OF ARTS (BA) PROGRAM – SECOND YEAR
(REQUIRED & SPECIALIZED COURSES)**

Course No.	Course	Credit(s)	Grade
BHS 203	Quality Appraisal and Evaluation	3	
BHS 204	Health Services Planning & Marketing	3	
BIT 232	Business Intelligence & Data Management	3	
BIT 233	Ethics in Management Information Technology	3	
BIT 234	Advanced Systems Analysis and Design	3	
Total		15	

BACHELOR OF SCIENCE (BS) PROGRAM – BIE

Third year Students may elect to take any of the courses below or take additional courses from the courses listed below. Interested students should confer with their mentors before making such decision.

Course No.	Course	Credit(s)	Grade
BIE 217	Introduction to Industrial Engineering	3	
BIE 218	Project Engineering Management	3	
BIE 219	Quality Assurance Management	3	
BIE 220	Global Economic & Tech Trends	3	
BIE 221	Operations and Supply Chain Management	3	
BIE 222	Software Engineering Management	3	
BIE 223	Systems Engineering Management	3	
BIE 224	Applied Probability & Statistics	3	
BIE 225	Artificial Intelligence Industrial Engineering	3	
BIE 226	Leadership in Industrial Engineering	3	

BACHELOR OF SCIENCE (BS) PROGRAM – BIT/BIM

Third year Students may elect to take any of the courses below or take additional courses from the courses listed below. Interested students should confer with their mentors before making such decision.

Course No.	Course	Credit(s)	Grade
BIT 227	Introduction to Information Technology & Information Management	3	
BIT 228	Applied Probability & Statistics	3	
BIT 229	Information Technology for Leaders & Managers	3	
BIT 230	Information Technology in Organizations	3	
BIT 231	Telecommunications in Management Information Technology	3	
BIT 232	Business Intelligence & Data Management	3	
BIT 233	Ethics in Management Information Technology	3	
BIT 234	Advanced Systems Analysis and Design	3	
BIT 235	Concepts & Applications of Information Technology	3	
BIT 236	Leadership in Management Information Technology	3	

**BACHELOR OF ARTS (BA) PROGRAM – THIRD YEAR
(REQUIRED & SPECIALIZED COURSES)**

Course No.	Course	Credit(s)	Grade
BCS 255	Computer Ethics	3	
BCS 256	Artificial Intelligence	3	
BCS 257	Systems Analysis & Integration	3	
	Required & Specialized Electives	3	
	Required & Specialized Electives	3	
Total		15	

**BACHELOR OF ARTS (BA) PROGRAM – THIRD YEAR
(REQUIRED & SPECIALIZED COURSES)**

Course No.	Course	Credit(s)	Grade
	Required & Specialized Electives	3	
	Required & Specialized Electives	3	
	Required & Specialized Electives	3	
	Required & Specialized Electives	3	
	Required & Specialized Electives	3	
Total		15	

**BACHELOR OF ARTS (BA) PROGRAM – FOURTH YEAR
(REQUIRED & SPECIALIZED COURSES)**

Course No.	Course	Credit(s)	Grade
	Required & Specialized Electives	3	
	Required & Specialized Electives	3	
	Required & Specialized Electives	3	
	Required & Specialized Electives	3	
	Required & Specialized Electives	3	
Total		15	

**BACHELOR OF ARTS (BA) PROGRAM – FOURTH YEAR
(REQUIRED & SPECIALIZED COURSES)**

Course No.	Course	Credit(s)	Grade
	Required & Specialized Electives	3	
	Required & Specialized Electives	3	
	Required & Specialized Electives	3	
	Required & Specialized Electives	3	
	Required & Specialized Electives	3	
Total		15	

BACHELOR OF SCIENCE (BS) PROGRAM – BCY

Third year Students may elect to take any of the courses below or take additional courses from the courses listed below. Interested students should confer with their mentors before making such decision.

Course No.	Course	Credit(s)	Grade
BCY 237	Introduction to Cybersecurity	3	
BCY 238	Applied Probability & Statistics	3	
BCY 239	Operating Systems Fundamentals	3	
BCY 240	Introduction to Networking	3	
BCY 241	Cyber Threat Intelligence	3	
BCY 242	Network Defense	3	
BCY 243	Cybersecurity Planning & Policy	3	
BCY 244	Security Audit & Assessments	3	
BCY 245	Operating System Security	3	
BCY 246	Introduction to Digital Forensics	3	
BCY 247	Network Administration	3	
BCY 248	Data/Database Security	3	

BACHELOR OF SCIENCE (BS) PROGRAM – BCS

Third year Students may elect to take any of the courses below or take additional courses from the courses listed below. Interested students should confer with their mentors before making such decision.

Course No.	Course	Credit(s)	Grade
BCS 249	Introduction to Computer Science	3	
BCS 250	Applied Probability & Statistics	3	
BCS 251	Programming in C++	3	
BCS 252	Programming in Java	3	
BCS 253	Computer Architecture	3	
BCS 254	Operating Systems Theory & Design	3	
BCS 255	Computer Ethics	3	
BCS 256	Artificial Intelligence	3	
BCS 257	Systems Analysis & Integration	3	
BCS 258	Security Technology	3	
BCS 259	Web Development & Design	3	
BCS 260	Software & Systems Engineering	3	
BCS 261	Software Testing & Automation	3	
BCS 262	Data Structures and Algorithms	3	

**BACHELOR OF ARTS (BA) PROGRAM
(REQUIRED & SPECIALIZED COURSES)**

Course No.	Course	Credit(s)	Grade
	Required & Specialized Electives	3	
	Research Proposal	1	
	Research Project	6	
Total		10	