

Pathway to the BAAC

Computer Programming – Internet of Things (CPIN) to Bachelor of Applied Computing

Spring Bridge		
		CREDITS
CMP1979	Modern Software Development	3
NET4314	Cloud Computing	3
Two Degree Breadth Elective Courses.		6
Credits		12

Third Year		
SEMESTER 5		CREDITS
CMP5334	Project Management	3
CMP5371	Project Proposal	3
CMP3321	Web Development I	3
CMP1361	Professional Ethics	3
CMP3332	System Analysis and Design	3
3 Stream Elective courses		9
Credits		24

SEMESTER 6		
CMP6362	Business Essentials	3
CMP6372	Project Implementation	3
CMP4322	Web Development 2	3
4 Stream Elective courses		12
Credits		21

SEMESTER 7		
SUMMER INTERNSHIP SEMESTER.		
CMP7373	Applied Comp Internship	12
Credits		12

Stream Electives for Artificial Intelligence stream (BAAI)

SEMESTER 5		CREDITS
AIE1005	Full Stack Data Science	3
AIE1009	Machine Learning	3
AIE1006	Deep Learning	3
SEMESTER 6		
AIE1017	Gen AI and Large Language Models	3
AIE1007	Natural Language Processing	3
AIE1008	Image Recognition	3
AIE1011	AI Ethics	3

Stream Electives for Cybersecurity stream (BACS)

SEMESTER 5		CREDITS
CSC7304	Business Contingency Planning	3
CSC7303	Network Defense	3
CSC7305	CSEC Policies and Compliance	3
SEMESTER 6		
CSC7311	Ethical Hacking	3
CSC7314	Cloud Security and Prevention	3
CSC7310	IT Security Forensics	3
CSC7315	Security Operations Centre	3

Stream Electives for Data Analytics stream (BADA)

SEMESTER 5		CREDITS
ANA7303	Data Collection and Ethics	3
AIE1009	Machine Learning	3
ANA7312	GIS and Data Visualization	3
SEMESTER 6		
QMM7311	Advanced Stats for Analytics	3
ANA7304	Dashboards and Data Modelling	3
ANA7311	Storytelling With Data	3
MKT7300	Data Mining and Mkt Analytics	3