

Bachelor of Technology
Computer Systems
 (Network Security Applications Development)



September 2022 Cohort Matrix

Level 5 (15 weeks)		Credits
COMP 7005	Computer Networks and Protocols course outline	3.0
COMP 7006	Network Security Administration 1 course outline	3.0
COMP 7082	Software Engineering course outline	3.0
LIBS 7001	Critical Reading and Writing course outline	3.0
MATH 7908	Linear Algebra and Applications for Computing course outline	3.0

Level 6 (15 weeks)		Credits
COMP 8005	Network and Security Applications Development course outline	3.0
COMP 8006	Network Security Administration 2 course outline	3.0
COMP 8082	Project Management course outline	3.0
LIBS 7002	Applied Ethics course outline	3.0
General Education (3.0 credits): Will be offered in Level 6. Specific course offerings will be determined by the department.		

Level 7 (15 weeks)		Credits
COMP 8037	Major Project Proposal course outline	3.0
COMP 8042	Advanced Algorithms and Data Structures Design and Analysis course outline	3.0
COMP 8505	Special Topics in Network and Security Development course outline	3.0
COMP 8506	Special Topics in Network Design and Implementation course outline	3.0
Management Electives (3.0 credits): Will be offered in Level 7. Specific course offerings will be determined by the department.		

Level 8 (15 weeks)		Credits
COMP 8047	Major Project course outline	3.0
COMP 8085	Artificial Intelligence course outline	3.0
General Education and Management Electives (6.0 credits): Will be offered in Level 8. Specific course offerings will be determined by the department.		

General Education Component (18.0 credits)
<p>All students will be required to complete the following:</p> <ul style="list-style-type: none"> • Liberal Studies (6.0 credits) - to be completed in Levels 5 and 6 • Management Electives (6.0 credits) - to be completed in Levels 7 and 8 • General Education Electives (6.0 credits) - to be completed in Levels 6 and 8 <p>Note: Specific course offerings for the Computer Systems General Education Requirements [PDF] will be determined by the department.</p>

Total Credits:	60.0
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