

**Bachelor of Science with Honours in Applied Computing***Term-In Term-Out (TITO) Pathway*

Applicable for AY2022 Student Intake onwards.

Module Code and Title	Type	CR
<b>YEAR 1 TRIMESTER 1</b>		
BAC3003A Integrated Work Study Programme (Career Skills)	Core	-
INF1002 Programming Fundamentals	Core	6
INF1003 Mathematics 1	Core	6
INF1101 Introduction to Computer Systems	Core	6
UCS1001 Critical Thinking and Communicating	University	4
UDC1001 Digital Competency Essentials	University	2
UDE1001 Introduction to Design Innovation	University	2
<b>TOTAL</b>		<b>26</b>
<b>YEAR 1 TRIMESTER 2</b>		
BAC3003A Integrated Work Study Programme (Career Skills)	Core	-
INF1004 Mathematics 2	Core	6
INF1005 Web Systems and Technologies	Core	6
INF1006 Computer Networks	Core	6
INF1008 Data Structures and Algorithms	Core	6
INF1009 Object Oriented Programming	Core	6
<b>TOTAL</b>		<b>30</b>
<b>YEAR 1 TRIMESTER 3</b>		
BAC1001 Introduction to Fintech	Core	6
BAC3003A Integrated Work Study Programme (Career Skills)	Core	-
<b>TOTAL</b>		<b>6</b>
<b>YEAR 2 TRIMESTER 1</b>		
ACC1024 Foundations of Finance	Core	6
BAC3003A Integrated Work Study Programme (Career Skills)	Core	-
INF2001 Introduction to Software Engineering	Core	6
INF2003 Database Systems	Core	6
INF2006 Cloud Computing and Big Data	Core	6
UDE2001 Interdisciplinary Design Innovation	University	4
<b>TOTAL</b>		<b>28</b>
<b>YEAR 2 TRIMESTER 2</b>		
AAI1001 Data Engineering and Visualization	Core	6
ACC2026 Investment Risk Management	Core	6
BAC2001 Software Requirements Engineering and Design	Core	6
BAC2002 Blockchain and Cryptocurrency	Core	6
INF2008 Machine Learning	Core	6
<b>TOTAL</b>		<b>30</b>
<b>YEAR 2 TRIMESTER 3</b>		
BAC2003 Fintech projects	Core	6
<b>TOTAL</b>		<b>6</b>
<b>YEAR 3 TRIMESTER 1</b>		
BAC3001 Business Valuation and Analysis	Core	6
BAC3002 Fintech: Advanced Topics	Core	6
CEG2013 Project Management and Professional Ethics	Core	3
INF2005 Cyber Security Fundamentals	Core	6

Module Code and Title	Type	CR
USI2001 Social Innovation Project	University	3
<b>TOTAL</b>		<b>24</b>
<b>YEAR 3 TRIMESTER 2</b>		
BAC3003B Integrated Work Study Programme (Work Attachment)	Core	10
BAC3004 Capstone Project	Core	5
<b>TOTAL</b>		<b>15</b>
<b>YEAR 3 TRIMESTER 3</b>		
BAC3003B Integrated Work Study Programme (Work Attachment)	Core	10
BAC3004 Capstone Project	Core	5
<b>TOTAL</b>		<b>15</b>
<b>GRAND TOTAL</b>		<b>180</b>