

## Bachelor of Science with Honours in Computing Science

Applicable for AY2022 student intake onwards.

Module Code and Title	Type	CR
<b>YEAR 1 TRIMESTER 1</b>		
CSC1103 Programming Methodology	Core	6
CSC1104 Computer Organisation & Architecture	Core	6
INF1001 Introduction to Computing	Core	6
INF1003 Mathematics 1	Core	6
UDC1001 Digital Competency Essentials	University	2
CSC3102A Integrated Work Study Programme (Career Skills)	Core	-
<b>TOTAL</b>		<b>26</b>
<b>YEAR 1 TRIMESTER 2</b>		
CSC1108 Data Structures and Algorithms	Core	6
CSC1109 Object Oriented Programming	Core	6
INF1004 Mathematics 2	Core	6
INF1006 Computer Networks	Core	6
UCS1001 Critical Thinking and Communicating	University	4
CSC3102A Integrated Work Study Programme (Career Skills)	Core	-
<b>TOTAL</b>		<b>28</b>
<b>YEAR 1 TRIMESTER 3</b>		
CSC1106 Web Programming	Core	6
CSC1107 Operating Systems	Core	6
INF2005 Cyber Security Fundamentals	Core	6
INF2003 Database Systems	Core	6
UDE1001 Introduction to Design Innovation	University	2
CSC3102A Integrated Work Study Programme (Career Skills)	Core	-
<b>TOTAL</b>		<b>26</b>
<b>YEAR 2 TRIMESTER 1</b>		
CSC2101 Professional Software Development and Team Project 1	Core	6
CSC2103 Embedded Systems and Sensor Programming	Core	6
INF2002 Human Computer Interaction	Core	6
CSC3104 Cloud and Distributed Computing	Core	6
USI2001 Social Innovation Project	University	3
CSC3102A Integrated Work Study Programme (Career Skills)	Core	-
<b>TOTAL</b>		<b>27</b>
<b>YEAR 2 TRIMESTER 2</b>		
CSC2102 Professional Software Development and Team Project 2	Core	6
INF2007 Mobile Application Development	Core	6
CSC2106 Internet of Things: Protocols and Networks	Core	6
CSC3105 Data Analytics	Core	6
<b>TOTAL</b>		<b>24</b>
<b>YEAR 2 TRIMESTER 3</b>		
CSC3107 Information Visualisation	Core	6
CSC3109 Machine Learning	Core	6
CSC3108 Special Topics in Emerging Technologies	Core	3
UDE2001 Interdisciplinary Design Innovation	University	4
Overseas Immersion Programme	Core	-
<b>TOTAL</b>		<b>19</b>

Module Code and Title	Type	CR
<b>YEAR 3 TRIMESTER 1</b>		
CSC3101 Capstone Project	Core	5
CSC3102B Integrated Work Study Programme (Work Attachment)	Core	10
<b>TOTAL</b>		<b>15</b>
<b>YEAR 3 TRIMESTER 2</b>		
CSC3101 Capstone Project	Core	5
CSC3102B Integrated Work Study Programme (Work Attachment)	Core	10
<b>TOTAL</b>		<b>15</b>
<b>GRAND TOTAL</b>		<b>180</b>