

**DEGREE OF MASTER OF ENGINEERING IN COMPUTING SCIENCE (CYBERSECURITY)  
(04110854)**

Students must also comply with the University General Regulations and the Supplementary Regulations for the Award of an Undergraduate Master's Degree

**All the courses listed below are prescribed for this degree**

PROGRAMME YEAR 1 – 120 Credit Points					
Term 1			Term 2		
Course Code	Course Title	Credit Points	Course Code	Course Title	Credit Points
PD 1002	Getting Started at the University of Aberdeen	0	CS 1527	Object Oriented Programming	15
CS 1029	Modelling and Problem Solving for Computing	15	CS 1534	Web Development	15
CS 1032	Programming 1	15	<i>EITHER</i> MA 1510	Combinatorics	15
MA 1006	Algebra	15	<i>OR</i> MA 1511	Set Theory	15
Plus 30 credit points from courses of choice.					

PROGRAMME YEAR 2 – 120 Credit Points					
Term 1			Term 2		
Course Code	Course Title	Credit Points	Course Code	Course Title	Credit Points
CS 2019	Databases and Data Management	15	CS 2506	Human - Computer Interaction	15
CS 2020	Software Programming	15	CS 2522	Algorithms and Data Structures	15
Plus 60 credit points from courses of choice.					

PROGRAMME YEAR 2 – 120 Credit Points (DIRECT ENTRY)					
Term 1			Term 2		
Course Code	Course Title	Credit Points	Course Code	Course Title	Credit Points
CS 2019	Databases and Data Management	15	CS 1534	Web Development	15
CS 2020	Software Programming	15	CS 2506	Human - Computer Interaction	15
			CS 2522	Algorithms and Data Structures	15
Plus 30 credit points from courses of choice.					

PROGRAMME YEAR 3 – 120 Credit Points					
Term 1			Term 2		
Course Code	Course Title	Credit Points	Course Code	Course Title	Credit Points
CS 3026	Operating Systems	15	CS 3524	Distributed Systems and Security	15
CS 3028	Principles of Software Engineering	15	CS 3525	Enterprise Computing and Business	15
CS 3033	Artificial Intelligence	15	CS 3528	Software Engineering and Professional Practice	15
Plus 30 credit points from courses of choice.					

**PLEASE SEE OVER →**

PROGRAMME YEAR 4 – 120 Credit Points					
Term 1			Term 2		
Course Code	Course Title	Credit points	Course Code	Course Title	Credit points
CS 4040	Research Methods	15	CS 4527	Single Honours Computing Project	45
CS 4028	Security	15			
<p>Plus 45 credit points from courses of choice to gain 120 credit points.            A graduating curriculum from the Honours programme must include 90 credit points from Level 4 Computing Science courses.</p>					

The following Level 4 Computing Science courses will be available in 2024-25:					
Term 1			Term 2		
Course Code	Course Title	Credit Points	Course Code	Course Title	Credit Points
CS 4051	Natural Language Processing	15	CS 4543	Languages and Computability	15
CS 4048	Robotics	15			

PROGRAMME YEAR 5 – 120 Credit Points					
Term 1			Term 2		
Course Code	Course Title	Credit points	Course Code	Course Title	Credit points
CS 502L	Cybersecurity Fundamentals	15	CS 551M	MEng Informatics Project	60
CS 502B	Security in Emerging Networks	15			
CS 502C	Enterprise Security Architecture	15			
CS 502M	Security Analytics with Artificial Intelligence	15			

Notes	
1.	Honours programme may only be taken by full-time study.