M1294 Master of Science in Information Technology (Cyber Security & Networking)

Academic Chair: Dr Mohammed Kaosar   **Start Date:**   Semester 2 2025

Email: pg.cybernetworks@murdoch.edu.au

<table>
<tr><td rowspan="7">Year 1 – 2025</td><td align="center">Semester 1 Units</td><td align="center">CP</td><td>Semester 2 Units</td><td align="center">CP</td></tr>
<tr><td></td><td></td><td>ICT508 Information Technology Project Management</td><td align="center">3</td></tr>
<tr><td></td><td></td><td>ICT521 IT Professional Practice</td><td align="center">3</td></tr>
<tr><td></td><td></td><td>ICT519 Computer Security</td><td align="center">3</td></tr>
<tr><td></td><td></td><td>ICT622 Information Technology Strategy</td><td align="center">3</td></tr>
<tr><td align="center">Winter Units</td><td align="center">CP</td><td align="center">Summer Units</td><td align="center">CP</td></tr>
<tr><td align="right">Total</td><td></td><td align="right">Total</td><td align="center">12</td></tr>
<tr><td rowspan="7">Year 2 - 2026</td><td align="center">Semester 1 Units</td><td align="center">CP</td><td align="center">Semester 2 Units</td><td align="center">CP</td></tr>
<tr><td>ICT502 Applied Information Security Management</td><td align="center">3</td><td>ICT535 Scalable Network Design</td><td align="center">3</td></tr>
<tr><td>ICT546 Local Area Network Design and Implementation</td><td align="center">3</td><td>ICT603 Wireless Data Communications</td><td align="center">3</td></tr>
<tr><td>ICT600 Cyber Forensics and Incident Response</td><td align="center">3</td><td>ICT604 Security Architectures and Systems Administration</td><td align="center">3</td></tr>
<tr><td>ICT615 Information Technology Research Methods</td><td align="center">3</td><td>ICT620 IT Capstone Project</td><td align="center">3</td></tr>
<tr><td align="center">Winter Units</td><td align="center">CP</td><td align="center">Summer Units</td><td align="center">CP</td></tr>
<tr><td></td><td></td><td></td><td></td></tr>
<tr><td align="right">Total</td><td align="center">12</td><td align="right">Total</td><td align="center">12</td></tr>
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	TOTAL CREDIT POINTS	**36**

Semester 1 notes	**Semester 2 notes**
Specified electives [note normal pre-requisites apply] N/A	Specified electives [note normal pre-requisites apply] N/A
* Students interested in enrolling in a Work Integrated Learning (WIL) unit must discuss any internship placement opportunity they have secured with the Academic Chair. Approval is required to determine the suitability of the placement and whether enrolment in ICT686 (6 CP) or ICT687 (12 CP) is appropriate, including any necessary course variations.	

Please note: This course plan is a sample only and must be read in conjunction with the full course structure, unit prerequisites and enrolment options as outlined in the Handbook. Students should note that due to unit prerequisites, commencing study in Semester 2 may extend the duration of the course. This information is correct as at 1/05/25.