

| Master of Science in Computer Science Security of Computer Systems & Networks 'A' Track | |
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| REQUIREMENTS: 45* Credits | Credits |
| CS501B: Program Development | 3.0 |
| CS502: Theoretical Foundations of Computer Science | 3.0 |
| CS503: Data Structures and Algorithms | 3.0 |
| CS505: Operating Systems Concepts | 3.0 |
| CS509: Advanced Object-Oriented Programming and Design | 3.0 |
| CS512: Algorithm Design | 3.0 |
| CS514: Networks | 3.0 |
| CS517: Database Design and Management | 3.0 |
| CS518: Fundamentals of Computer Security and Cryptography | 3.0 |
| CS520: Introduction to Intelligent Systems | 3.0 |
| CS628: Security of E-Systems and Networks | 3.0 |
| Choose 3 credits from among: CS525, CS526, CS528, CS533, CS537, CS550, CS551, or CS635 | 3.0 |
| Choose: 3 credits from CS510 or higher | 3.0 |
| CS691: Computer Science Thesis I | 3.0 |
| CS692: Computer Science Thesis II | 3.0 |

**TOTAL CREDITS FOR THE MASTER OF SCIENCE IN COMPUTER SCIENCE -
SECURITY OF COMPUTER SYSTEMS & NETWORKS 'A' TRACK = 45.0**

***Up to 15 credits may be waived up on evaluation of prior academic preparation**

MONMOUTH UNIVERSITY CURRICULUM CHART