

Herguan University MSCS Curriculum: Cloud Computing and Mobile Internet Applications (CCMIA)

Core Courses 18 Units (3 Units/Course)

1. CS624 Artificial Intelligence
2. CS644 Wireless Network Design
3. CS671 C Socket Programming
4. CS647 Agile Project Management
5. CS612 Java Cloud Computing
6. CS614 Computer Network Internet Security

**Electives 18 Units (3 Units/Course)

1. CS683 Mobile Location Based Services
2. CS656 Java GUI Design
3. CS677 Mobile Pervasive Computing
4. CS698 Computer Animation Modelling
5. CS665 Wireless Internet Connectivity
6. CS687 Wireless Network Quality of Service
7. CS641 Web services and service oriented architecture
8. CS548 Mobile application development
9. CS565 .Net programming
10. CS538 Software test automation and tools
11. CS540 Java web applications
12. CS623: Network management system
13. CS552: Software quality metrics
14. MSCS-MBA Interdisciplinary Elective
15. MSCS-MBA Interdisciplinary Elective

Note: **Electives are subject to change.

Herguan University MSCS Curriculum: Software Quality Assurance (SWQA)

Core Courses 18 Units (3 Units/Course)

1. CS532 Software Engineering Concepts
2. CS538 Software Quality Metrics
3. CS552 Software Test Automation and Tools
4. CS565 .Net Programming
5. CS540 Java Web Applications
6. CS637 Web Services Development and XML

**Electives 18 Units (3 Units/Course)

1. CS624 Artificial Intelligence
2. CS644 Wireless Network Design
3. CS671 C Socket Programming
4. CS647 Agile Project Management
5. CS612 Java Cloud Computing
6. CS614 Computer Network Internet Security
7. CS656 Java GUI Design
8. CS677 Mobile Pervasive Computing
9. CS698 Computer Animation Modelling
10. CS665 Wireless Internet Connectivity
11. CS687 Wireless Network Quality of Service
12. CS623: Network management system
13. CS548 Mobile application development
14. MSCS-MBA Interdisciplinary Elective
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Note: **Electives are subject to change.