| Master of Science in Software Engineering Telecommunications Track | |
|---|---|
| **REQUIREMENTS: 51\* Credits** | **Credits** |
| CS501B:  Program Development | 3.0 |
| CS503:  Data Structures and Algorithms | 3.0 |
| SE504:  Principles of Software Engineering | 3.0 |
| SE510:  Object Oriented Analysis & Design | 3.0 |
| SE515:  Disciplined Software Development | 3.0 |
| SE561:  Mathematical Foundations of Software Engineering | 3.0 |
| SE565:  Software Systems Requirements | 3.0 |
| SE570:  Software Systems Design | 3.0 |
| SE575:  Software Verification, Validation & Maintenance | 3.0 |
| SE580:  The Process of Software Engineering | 3.0 |
| SE637:  Wireless Communication | 3.0 |
| SE620:  Network Software I | 3.0 |
| SE621:  Network Software II | 3.0 |
| ELECTIVES:<br>Choose 6 credits from among:<br>CS514, CS526, CS535, SE610, SE611, SE638, CS505 | 6.0 |
| SE685A and SE685B:  Practicum<br>**or**<br>SE690A and SE690B:  Thesis | 6.0 |

| **TOTAL CREDITS FOR MASTER OF SCIENCE IN SOFTWARE ENGINEERING - TELECOMMUNICATIONS TRACK = 51.0** |
|---|

**MONMOUTH UNIVERSITY CURRICULUM CHART**

ORR 04/10