# COMPUTER SCIENCE DEPARTMENT TRACKS

| APPLICATION DEVELOPEMENT | | | | | | | |
|---|---|---|---|---|---|---|---|
| # | Course Code | Course Name | LEVEL | Theory Contact | Lab Contact | Total Contact | Total Credit |
| 1 | COMP 418 | Concurrent Programming | 8 | 2 | 2 | 4 | 3 |
| 2 | COMP 519 | Game Programming | 9 | 2 | 2 | 4 | 3 |
| 3 | COMP 510 | Mobile Application Development | 10 | 2 | 2 | 4 | 3 |
| ARTIFICIAL INTELLIGENCE | | | | | | | |
| # | Course Code | Course Name | LEVEL | Theory Contact | Lab Contact | Total Contact | Total Credit |
| 1 | COMP 442 | Machine Learning | 8 | 2 | 2 | 4 | 3 |
| 2 | COMP 543 | Artificial Neural Network | 9 | 2 | 2 | 4 | 3 |
| 3 | COMP 562 | Computer Vision | 10 | 2 | 2 | 4 | 3 |
| CLOUD COMPUTING | | | | | | | |
| # | Course Code | Course Name | LEVEL | Theory Contact | Lab Contact | Total Contact | Total Credit |
| 1 | COMP 457 | Big Data | 8 | 2 | 2 | 4 | 3 |
| 2 | COMP 558 | Cloud Architecture and Design | 9 | 2 | 2 | 4 | 3 |
| 3 | COMP 559 | Cloud Management | 10 | 2 | 2 | 4 | 3 |
| SOFTWARE ENGINEERING | | | | | | | |
| # | Course Code | Course Name | LEVEL | Theory Contact | Lab Contact | Total Contact | Total Credit |
| 1 | COMP 473 | Software Requirements Engineering | 8 | 2 | 2 | 4 | 3 |
| 2 | COMP 574 | Software Architecture & Design | 9 | 2 | 2 | 4 | 3 |
| 3 | COMP 575 | Software Testing and Quality Assurance | 10 | 2 | 2 | 4 | 3 |