|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Course code:** | U0894FUCP01 | | | |
| **Course Title** | | | | |
| BSc (Hons) Computing and Information Systems | | | | |
| **Location of delivery** | | **3b. Mode of delivery** | | **3c. Mode of attendance** |
| University Centre, Peterborough | | Face-to-face | | Full-Time/Part-Time |
| **Awarding institution** | | | **Course accredited by (if applicable)** | |
| Anglia Ruskin University | | |  | |
| **Faculty** | | | **Managing Department** | |
| Faculty of Science and Technology | | | Department of Computing and Technology at University Centre, Peterborough | |

**Year 1 Compulsory modules:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Module Code** | **Module Title** |  | **Credits** | **Period** | **Level** |
| MOD005425 | Systems Design and Development |  | 30 | SEM1 | 4 |
| MOD005424 | Programming Concepts |  | 15 | SEM1 | 4 |
| MOD005426 | User Interface Development |  | 15 | SEM1 | 4 |
| MOD005422 | Digital Asset Development |  | 15 | SEM2 | 4 |
| MOD005421 | Computer Architecture and Networking |  | 30 | SEM2 | 4 |
| MOD005423 | Maths for Computing |  | 15 | SEM2 | 4 |
|  | | Total Credit: | 120.00 |  |  |

**Year 2 Compulsory modules:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Module Code** | **Module Title** |  | **Credits** | **Period** | **Level** |
| MOD005427 | Advanced Database Design |  | 15 | SEM1 | 5 |
| MOD005431 | Developing Interactive Web Solutions |  | 15 | SEM1 | 5 |
| MOD005434 | Group Design Project |  | 30 | SEM2 | 5 |
| MOD005438 | Principles of Digital Security |  | 15 | SEM2 | 5 |
|  |  | Total Credit: | 75.00 |  |  |

**Year 2 Optional modules:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Module Code** | **Module Title** | |  | **Credits** | **Period** | **Level** |
| **SEM1 Select 30 credits from the following:** | | |  |  |  |  |
| MOD005436 | Networking Essentials | |  | 15 | SEM1 | 5 |
| MOD005437 | Object-Oriented Programming Development | |  | 15 | SEM1 | 5 |
| MOD005429 | Database-Driven Websites | |  | 15 | SEM1 | 5 |
| MOD005430 | ~~Design Patterns for Software Engineering~~ | |  | 15 | SEM1 | 5 |
| MOD005432 | E-Commerce and E-Crime |  | | 15 | SEM1 | 5 |
| MOD005442 | Independent Learning Module |  | | 15 | SEM1 | 5 |
| MOD005443 | Independent Learning Module |  | | 30 | SEM1 | 5 |
| **SEM2 Select 15 credits from the following:** | |  | |  |  |  |
| MOD005435 | Management of Information Technology |  | | 15 | SEM2 | 5 |
| MOD005441 | The Mobile Web |  | | 15 | SEM2 | 5 |
| MOD005428 | Advanced Network Routing |  | | 15 | SEM2 | 5 |
| MOD005442 | Independent Learning Module |  | | 15 | SEM2 | 5 |
|  | | Total Credit: | | 45.00 |  |  |

**Year 3 Compulsory modules:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Module Code** | **Module Title** |  | **Credits** | **Period** | **Level** |
| MOD005456 | Undergraduate Major Project | | 30 | SEM1-2 | 6 |
| MOD005449 | Developing Ethical and Professional Skills | | 15 | SEM1 | 6 |
| MOD005446 | Business and Innovation Development | | 15 | SEM2 | 6 |
|  |  | Total Credit: | 60.00 |  |  |

**Year 3 Optional modules:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Module Code** | **Module Title** |  | **Credits** | **Period** | **Level** |
| **SEM1 Select 30 credits from the following:** | |  |  |  |  |
| MOD005455 | Team-based Development |  | 15 | SEM1 | 6 |
| MOD005444 | Artificial Intelligence Programming |  | 15 | SEM1 | 6 |
| MOD005445 | Big Data and Content Management |  | 15 | SEM1 | 6 |
| MOD005453 | Network Scaling |  | 15 | SEM1 | 6 |
| MOD005459 | Independent Learning Module |  | 15 | SEM1 | 6 |
| MOD006366 | Computer Mediated Marketing (New, pending validation) |  | 15 | SEM1 | 6 |
| **SEM2 Select 30 credits from the following:** | |  |  |  |  |
| MOD005452 | Mobile Application Development |  | 15 | SEM2 | 6 |
| MOD005450 | Embedded Software Engineering |  | 15 | SEM2 | 6 |
| MOD005447 | Computer-Based Learning Environments |  | 15 | SEM2 | 6 |
| MOD005459 | Independent Learning Module |  | 15 | SEM2 | 6 |
| MOD005460 | Independent Learning Module |  | 30 | SEM2 | 6 |
| MOD005448 | Connecting the Network |  | 15 | SEM2 | 6 |
| Total Credit: | | | 60.00 |  |  |