**3.1 BSc (Hons) Computing**

**Details of award:** BSc (Hons) Computing

**Name of award:** BSc (Hons) Computing

In order to achieve the named award above, students must meet all requirements of this award map.

**STAGE 1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Code** | **Title** | **Credits** | **Status** | **Pre-Requisites** |
| [*CSY1017*](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=4&ACCPERIOD=0#CSY1017) | Computer Communications | 20 | Compulsory | None |
| [*CSY1014*](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=4&ACCPERIOD=0#CSY1014) | Computer Systems | 20 | Compulsory | None |
| [*CSY1018*](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=4&ACCPERIOD=0#CSY1018) | Web Development | 20 | Compulsory | None |
| [*CSY1019*](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=4&ACCPERIOD=0#CSY1019) | Software Engineering 1 | 20 | Compulsory | None |
| [*CSY1020*](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=4&ACCPERIOD=0#CSY1020) | Problem Solving & Programming | 20 | Compulsory | None |
| [*CSY1026*](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=4&ACCPERIOD=0#CSY1026) | Database 1 | 20 | Compulsory | None |

Students must take all compulsory modules.

**STAGE 2**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Code** | **Title** | **Credits** | **Status** | **Pre-Requisites** |
|  |  |  |  |  |
| [*CSY2002*](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=5&ACCPERIOD=0#CSY2002) | Operating Systems | 20 | Compulsory | [CSY1014](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=4&ACCPERIOD=0#CSY1014) |
| [*CSY2026*](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=5&ACCPERIOD=0#CSY2026) | Modern Networks | 20 | Compulsory | [CSY1017](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=4&ACCPERIOD=0#CSY1017) or [CSY1018](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=4&ACCPERIOD=0#CSY1018) |
| [*CSY2027*](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=5&ACCPERIOD=0#CSY2027) | Group Project | 20 | Compulsory | [CSY1017](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=4&ACCPERIOD=0#CSY1017) or [CSY1014](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=4&ACCPERIOD=0#CSY1014) or [CSY1018](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=4&ACCPERIOD=0#CSY1018) or [CSY1019](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=4&ACCPERIOD=0#CSY1019) |
| [*CSY2028*](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=5&ACCPERIOD=0#CSY2028) | Web Programming | 20 | Compulsory | [CSY1018](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=4&ACCPERIOD=0#CSY1018) and [CSY1020](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=4&ACCPERIOD=0#CSY1020) |
| *CSY2038* | Database 2 | 20 | Compulsory | CSY1026 |
| [*CSY2030*](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=5&ACCPERIOD=0#CSY2030) | Systems Design & Development | 20 | Compulsory | [CSY1020](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=4&ACCPERIOD=0#CSY1020) and [CSY1017](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=4&ACCPERIOD=0#CSY1017) or [CSY1018](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=4&ACCPERIOD=0#CSY1018) or [CSY1014](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=4&ACCPERIOD=0#CSY1014) or [CSY1019](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=4&ACCPERIOD=0#CSY1019) |

Students must take all Compulsory modules for their pathway.

**OPTIONAL PLACEMENT YEAR**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Code** | **Title** | **Credits** | **Status** | **Pre-Requisites** |
| [*CSY2036*](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=5&ACCPERIOD=0#CSY2036) | Learning Through Work (WBL)1 | 40 | Designated | None |

1 Students must have completed 100 credits at Level 5 is order to undertake placement

**STAGE 3**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Code** | **Title** | **Credits** | **Status** | **Pre-Requisites** |
| [*CSY4010*](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=6&ACCPERIOD=0#CSY4010) | Computing Dissertation | 40 | Compulsory | Three from [CSY2027](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=5&ACCPERIOD=0#CSY2027), [CSY2028](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=5&ACCPERIOD=0#CSY2028), [CSY2029](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=5&ACCPERIOD=0#CSY2029), [CSY2030](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=5&ACCPERIOD=0#CSY2030), [CSY2034](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=5&ACCPERIOD=0#CSY2034) and [CSY2035](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=5&ACCPERIOD=0#CSY2035) |
| [*CSY3010*](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=6&ACCPERIOD=0#CSY3010) | Media Technology | 20 | Compulsory | [CSY2030](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=5&ACCPERIOD=0#CSY2030) |
| [*CSY3023*](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=6&ACCPERIOD=0#CSY3023) | Cyber Security and Cryptography | 20 | Compulsory | [CSY2028](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=5&ACCPERIOD=0#CSY2028) |
| [*CSY3024*](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=6&ACCPERIOD=0#CSY3024) | Database 3 | 20 | Compulsory | CSY2038 |
| [*CSY3025*](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=6&ACCPERIOD=0#CSY3025) | Artificial Intelligence Techniques | 20 | Compulsory | [CSY2030](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=5&ACCPERIOD=0#CSY2030) |

Students must take all compulsory modules for their pathway.

**3.2: BEng Computing(Computer Network Engineering)**

**Detail of award:** BEng Computing - (Computer Network Engineering) 2014 Entry

**Name of award:** BEng Computing - (Computer Network Engineering)

In order to achieve the named award above, students must meet all requirements of this award map.

**STAGE 1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Code* | *Title* | *Credits* | *Status* | *Pre-Requisites* |
| [CSY1017](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=4&ACCPERIOD=0#CSY1017) | Computer Communications | 20 | Compulsory (all) | None |
| [CSY1014](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=4&ACCPERIOD=0#CSY1014) | Computer Systems | 20 | Compulsory (all) | None |
| [CSY1018](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=4&ACCPERIOD=0#CSY1018) | Web Development# | 20 | Compulsory (all) | None |
| [CSY1019](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=4&ACCPERIOD=0#CSY1019) | Software Engineering 1 | 20 | Compulsory (all) | None |
| [CSY1020](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=4&ACCPERIOD=0#CSY1020) | Problem Solving & Programming | 20 | Compulsory (all) | None |
| [CSY1021](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=4&ACCPERIOD=0#CSY1021) | Computing Mathematics | 20 | Compulsory (all) | None |

Students must take all modules.

**STAGE 2**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Code* | *Title* | *Credits* | *Status* | *Pre-Requisites* |
| [CSY2001](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=5&ACCPERIOD=0#CSY2001) | Computer Networks | 20 | Comp: ( CN) | [CSY1017](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=4&ACCPERIOD=0#CSY1017) |
| [CSY2002](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=5&ACCPERIOD=0#CSY2002) | Operating Systems | 20 | Comp: (CN) | [CSY1014](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=4&ACCPERIOD=0#CSY1014) |
| [CSY2026](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=5&ACCPERIOD=0#CSY2026) | Modern Networks | 20 | Comp: (CN) | [CSY1017](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=4&ACCPERIOD=0#CSY1017) or [CSY1018](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=4&ACCPERIOD=0#CSY1018) |
| [CSY2027](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=5&ACCPERIOD=0#CSY2027) | Group Project **§** | 20 | Comp: (all) | [CSY1017](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=4&ACCPERIOD=0#CSY1017) or [CSY1014](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=4&ACCPERIOD=0#CSY1014) or [CSY1018](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=4&ACCPERIOD=0#CSY1018) or [CSY1019](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=4&ACCPERIOD=0#CSY1019) |
| [CSY2028](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=5&ACCPERIOD=0#CSY2028) | Web Programming | 20 | Comp: (all) | [CSY1018](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=4&ACCPERIOD=0#CSY1018) and [CSY1020](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=4&ACCPERIOD=0#CSY1020) |
| [CSY2029](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=5&ACCPERIOD=0#CSY2029) | Database Technology 1 | 20 | Comp: (CN) | [CSY1018](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=4&ACCPERIOD=0#CSY1018) and [CSY1020](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=4&ACCPERIOD=0#CSY1020) |

Students must take all compulsory modules for their pathway.

CN = BSc COMPUTING (Computer Network Engineering)  
  
CSY2027 has co-requisites depending on the pathway:

Computer Network Engineering Pathway = Co-requisites CSY2001 + CSY2026

**OPTIONAL PLACEMENT YEAR**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Code* | *Title* | *Credits* | *Status* | *Pre-Requisites* |
| [CSY2036](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=5&ACCPERIOD=0#CSY2036) | Learning Through Work (WBL)1 | 40 | Designated | None |

1 Students must have completed 100 credits at Level 5 is order to undertake placement

**STAGE 3**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| *Code* | *Title* | *Credits* | *Status* | *Pre-Requisites* |
| [CSY4010](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=6&ACCPERIOD=0#CSY4010) | Computing Dissertation ≠ | 40 | Comp: (all) | [CSY2027](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=5&ACCPERIOD=0#CSY2027), [CSY2028](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=5&ACCPERIOD=0#CSY2028), [CSY2029](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=5&ACCPERIOD=0#CSY2029),[CSY2030](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=5&ACCPERIOD=0#CSY2030),  [CSY2034](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=5&ACCPERIOD=0#CSY2034) and [CSY2035](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=5&ACCPERIOD=0#CSY2035) |
| [CSY3021](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=6&ACCPERIOD=0#CSY3021) | Wireless & Advanced Network Technologies | 20 | Comp: (CN) | [CSY2001](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=5&ACCPERIOD=0#CSY2001) or [CSY2026](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=5&ACCPERIOD=0#CSY2026) |
| [CSY3023](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=6&ACCPERIOD=0#CSY3023) | Cyber security & Cryptography# | 20 | Comp: (CN) | [CSY2028](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=5&ACCPERIOD=0#CSY2028) |
| [CSY3025](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=6&ACCPERIOD=0#CSY3025) | Artificial Intelligence Techniques | 20 | Comp: (CN) | [CSY2030](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=5&ACCPERIOD=0#CSY2030) and [CSY1021](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=4&ACCPERIOD=0#CSY1021) |
| [CSY3029](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=6&ACCPERIOD=0#CSY3029) | Mobile Computing 2 | 20 | Comp: (CN) | [CSY2001](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=5&ACCPERIOD=0#CSY2001) or [CSY2026](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=5&ACCPERIOD=0#CSY2026) |

Students must take all compulsory modules for their pathway.

CN = BSc COMPUTING (Computer Network Engineering)

**3.2: BSc Computing(Software Engineering)**

To qualify for an award in Computing (Software Engineering pathway) you must complete all the modules for the award. In total a student must pass at least 120 credits worth of modules. The table below shows the modules on the degree, their credit rating and their compulsory or optional status.

**Detail of award:** BSc (Hons) Computing (Software Engineering)2015 entry

**Name of award:** BSc (Hons) Computing (Software Engineering)

In order to achieve the named award above, students must meet all requirements of this award map.

**STAGE 1**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Code** | **Title** | **Credits** | **Status** | **Pre-Requisites** |
| [*CSY1017*](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=4&ACCPERIOD=0#CSY1017) | Computer Communications | 20 | Compulsory | None |
| [*CSY1014*](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=4&ACCPERIOD=0#CSY1014) | Computer Systems | 20 | Compulsory | None |
| [*CSY1018*](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=4&ACCPERIOD=0#CSY1018) | Web Development | 20 | Compulsory | None |
| [*CSY1019*](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=4&ACCPERIOD=0#CSY1019) | Software Engineering 1 | 20 | Compulsory | None |
| [*CSY1020*](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=4&ACCPERIOD=0#CSY1020) | Problem Solving & Programming | 20 | Compulsory | None |
| [*CSY1026*](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=4&ACCPERIOD=0#CSY1026) | Database 1 | 20 | Compulsory | None |

Students must take all compulsory modules.

**STAGE 2**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Code** | **Title** | **Credits** | **Status** | **Pre-Requisites** |
|  |  |  |  |  |
| *CSY2006* | Software Engineering2 | 20 | Compulsory | CSY1019 |
| *CSY2008* | Formal specification of Software Systems | 20 | Compulsory |  |
| [*CSY2027*](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=5&ACCPERIOD=0#CSY2027) | Group Project | 20 | Compulsory | [CSY1017](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=4&ACCPERIOD=0#CSY1017) or [CSY1014](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=4&ACCPERIOD=0#CSY1014)or [CSY1018](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=4&ACCPERIOD=0#CSY1018) or [CSY1019](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=4&ACCPERIOD=0#CSY1019) |
| [*CSY2028*](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=5&ACCPERIOD=0#CSY2028) | Web Programming | 20 | Compulsory | [CSY1018](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=4&ACCPERIOD=0#CSY1018) and [CSY1020](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=4&ACCPERIOD=0#CSY1020) |
| *CSY2038* | Database 2 | 20 | Compulsory | CSY1026 |
| [*CSY2030*](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=5&ACCPERIOD=0#CSY2030) | Systems Design & Development | 20 | Compulsory | [CSY1020](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=4&ACCPERIOD=0#CSY1020) and [CSY1017](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=4&ACCPERIOD=0#CSY1017) or [CSY1018](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=4&ACCPERIOD=0#CSY1018) or [CSY1014](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=4&ACCPERIOD=0#CSY1014) or [CSY1019](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=4&ACCPERIOD=0#CSY1019) |

Students must take all Compulsory modules for their pathway.

**OPTIONAL PLACEMENT YEAR**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Code** | **Title** | **Credits** | **Status** | **Pre-Requisites** |
| [*CSY2036*](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=5&ACCPERIOD=0#CSY2036) | Learning Through Work (WBL)1 | 40 | Designated | None |

1 Students must have completed 100 credits at Level 5 is order to undertake placement

**STAGE 3**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Code** | **Title** | **Credits** | **Status** | **Pre-Requisites** |
| [*CSY4010*](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=6&ACCPERIOD=0#CSY4010) | Computing Dissertation | 40 | Compulsory | Three from [CSY2027](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=5&ACCPERIOD=0#CSY2027), [CSY2028](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=5&ACCPERIOD=0#CSY2028), [CSY2029](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=5&ACCPERIOD=0#CSY2029), [CSY2030](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=5&ACCPERIOD=0#CSY2030), [CSY2034](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=5&ACCPERIOD=0#CSY2034) and [CSY2035](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=5&ACCPERIOD=0#CSY2035) |
| [*CSY3010*](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=6&ACCPERIOD=0#CSY3010) | Media Technology | 20 | Compulsory | [CSY2030](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=5&ACCPERIOD=0#CSY2030) |
| [*CSY3013*](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=6&ACCPERIOD=0#CSY3023) | Software Engineering 3 | 20 | Compulsory | [CSY2028](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=5&ACCPERIOD=0#CSY2028) |
| [*CSY3024*](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=6&ACCPERIOD=0#CSY3024) | Database 3 | 20 | Compulsory | CSY2038 |
| [*CSY3025*](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=6&ACCPERIOD=0#CSY3025) | Artificial Intelligence Techniques | 20 | Compulsory | [CSY2030](http://redfir.admin.nene.ac.uk:7077/subject.aspx?SUBJECT=COMPUTER%20SYSTEMS&LEVEL=5&ACCPERIOD=0#CSY2030) |

Students must take all compulsory modules for their pathway.