

#### Summary Information

|                     |                                  |
|---------------------|----------------------------------|
| Module Code         | 5107COMSCI                       |
| Formal Module Title | Sandwich Year - Data Science     |
| Owning School       | Computer Science and Mathematics |
| Career              | Undergraduate                    |
| Credits             | 120                              |
| Academic level      | FHEQ Level 5                     |
| Grading Schema      | Pass/Not Pass                    |

#### Teaching Responsibility

|                                   |
|-----------------------------------|
| LJMU Schools involved in Delivery |
| Computer Science and Mathematics  |

#### Learning Methods

| Learning Method Type | Hours |
|----------------------|-------|
| Tutorial             | 10    |

#### Module Offering(s)

| Display Name | Location | Start Month | Duration Number Duration Unit |
|--------------|----------|-------------|-------------------------------|
| SEP-CTY      | CTY      | September   | 36 Weeks                      |

#### Aims and Outcomes

|      |  |
|------|--|
| Aims | The aim is to provide students with an extended period of work experience at an approved partner that will complement their programme of study at LJMU. This will give students the opportunity to develop professional skills relevant to their programme of study as well as the attitude and behaviours necessary for employment in a diverse and changing environment. |
|------|--|

**After completing the module the student should be able to:**

## Learning Outcomes

| Code | Number | Description  |
|------|--------|--|
| MLO1 | 1      | Discuss the importance of appropriate professional behaviours in the workplace                                     |
| MLO2 | 2      | Identify the professional and personal skills necessary for effective employment within a professional environment |
| MLO3 | 3      | Demonstrate an awareness of the scope, structure and operation of the host organisation                            |
| MLO4 | 4      | Reflect upon the impact of the placement on their personal and professional development                            |

## Module Content

|                        |   |
|------------------------|---|
| Outline Syllabus       | Prior to the commencement of the placement there will be a period of preparation for the placement. The nature of the learning experience will depend upon the placement provider. The nature of the placement will be approved in advance by the university to ensure that the experience is appropriate and relevant to the student's programme of study.   |
| Module Overview        |   |
| Additional Information | This extended placement forms a key part of a sandwich degree. All placements need to be assessed and approved prior to commencement in line with the LJMU Placement Learning Code of Practice. The Code of Practice requires students to conduct themselves in a professional and responsible manner during the placement - failure to do so may lead to the placement being terminated prematurely. Placements are normally for one calendar year on a full-time basis. Split placements of a shorter duration may be permissible. There is an expectation that a minimum of 1200 hours will be spent in the workplace. |

## Assessments

| Assignment Category | Assessment Name     | Weight | Exam/Test Length (hours) | Module Learning Outcome Mapping |
|---------------------|---------------------|--------|--------------------------|---------------------------------|
| Portfolio           | Placement portfolio | 100    | 0                        | MLO1, MLO2, MLO3, MLO4          |

## Module Contacts

### Module Leader

| Contact Name | Applies to all offerings | Offerings |
|--------------|--------------------------|-----------|
| Janet Lunn   | Yes                      | N/A       |

### Partner Module Team

| Contact Name | Applies to all offerings | Offerings |
|--------------|--------------------------|-----------|
|--------------|--------------------------|-----------|