

## Academic Year 2021/22

### MSc Operations and Supply Chain Management (Dual Award)

**Code: 4120 F**

#### Notes

- (i) *These programme regulations should be read in conjunction with the University's Taught Programme Regulations.*
- (ii) *A core module is a module which a student must pass.*
- (iii) *A compulsory module is a module which a student is required to study.*
- (iv) *All modules are delivered in Linear mode unless stated otherwise as Block, eLearning or distance learning.*

#### 1. Programme structure

- (a) The programme is available for study in full-time mode only.
- (b) The period of study for full-time mode shall be 17 months starting in September.
- (c) The programme comprises modules to a credit value of 180 credits (90 ECTS).
- (d) The dissertation preparation unaccredited research proposal must be passed in order for a student to proceed to GRON116 Dissertation.
- (e) Note that the module codes shown for the Groningen modules are allocated by Newcastle University for administrative purposes. The University of Groningen have their own module codes.

#### 2. Semester 1 - Newcastle University

- (a) All candidates shall take the following compulsory modules:

| <i>Code</i> | <i>Descriptive title</i>               | <i>Total Credits</i> | <i>Credits Sem 1</i> | <i>Credits Sem 2</i> | <i>Credits Sem 3</i> | <i>Level</i> | <i>Type</i> | <i>Mode</i> |
|-------------|--|----------------------|----------------------|----------------------|----------------------|--------------|-------------|-------------|
| NBS8120     | Purchasing and Supply Chain Management | 20 (10 ECTS)         | 20                   |                      |                      | 7            | Core        |             |
| NBS8234     | Project Management                     | 10 (5 ECTS)          | 10                   |                      |                      | 7            |             |             |
| NBS8901     | Research Methods (Dual Award)          | 10 (5 ECTS)          | 10                   |                      |                      | 7            | Core        |             |

- (b) Candidates will normally take Option A below, but with the approval of the Degree Programme Director, candidates who have an undergraduate degree in the Operations Management subject area may be permitted to take Option B instead.

### Option A

All candidates shall take the following 20 credit module:

| <i>Code</i> | <i>Descriptive title</i> | <i>Total Credits</i> | <i>Credits Sem 1</i> | <i>Credits Sem 2</i> | <i>Credits Sem 3</i> | <i>Level</i> | <i>Type</i> | <i>Mode</i> |
|-------------|--------------------------|----------------------|----------------------|----------------------|----------------------|--------------|-------------|-------------|
| NBS8921     | Operations Management    | 20<br>(10 ECTS)      | 20                   |                      |                      | 7            |             |             |

### Option B

All candidates shall take the following 10 credit module:

| <i>Code</i> | <i>Descriptive title</i>                         | <i>Total Credits</i> | <i>Credits Sem 1</i> | <i>Credits Sem 2</i> | <i>Credits Sem 3</i> | <i>Level</i> | <i>Type</i> | <i>Mode</i> |
|-------------|--|----------------------|----------------------|----------------------|----------------------|--------------|-------------|-------------|
| NBS8363     | Supply Chain and Logistics Modelling and Control | 10<br>(5 ECTS)       | 10                   |                      |                      | 7            |             |             |

(c) All candidates following option B shall choose one 10 credit module from the following:

| <i>Code</i> | <i>Descriptive title</i>  | <i>Total Credits</i> | <i>Credits Sem 1</i> | <i>Credits Sem 2</i> | <i>Credits Sem 3</i> | <i>Level</i> | <i>Type</i> | <i>Mode</i> |
|-------------|---|----------------------|----------------------|----------------------|----------------------|--------------|-------------|-------------|
| NBS8927     | Marketing Ethics, Critical Consumption, and Corporate Social Responsibility | 10<br>(5 ECTS)       | 10                   |                      |                      | 7            |             |             |
| NBS8326     | Managing Organisations and People   | 10 (5 ECTS)          | 10                   |                      |                      | 7            |             |             |
| NBS8945     | The International Business Environment                                      | 10<br>(5 ECTS)       | 10                   |                      |                      | 7            |             |             |

## 3. Semester 2 - University of Groningen

(a) All candidates shall take the following compulsory modules:

| <i>Newcastle Code*</i> | <i>Groningen Code</i> | <i>Descriptive title</i> | <i>Total Credits</i> | <i>Credits Sem 1</i> | <i>Credits Sem 2</i> | <i>Credits Sem 3</i> | <i>Level</i> | <i>Type</i> | <i>Mode</i> |
|------------------------|-----------------------|--------------------------|----------------------|----------------------|----------------------|----------------------|--------------|-------------|-------------|
| GRN8201                | EBM024A05             | Asset Management         | 10<br>(5 ECTS)       |                      | 10                   |                      | 7            | Core        |             |
| GRN8205                | EBM031A05             | Research methods for TOM | 10<br>(5 ECTS)       |                      | 10                   |                      | 7            | Core        |             |

|         |           |                                      |             |  |    |  |   |            |  |
|---------|-----------|--------------------------------------|-------------|--|----|--|---|------------|--|
| GRN8207 | EBM029A05 | Operations Modelling and Simulation  | 10 (5 ECTS) |  | 10 |  | 7 | Core       |  |
| GRN8213 | EBM208A05 | Data Analysis and Programming for OM | 10 (5 ECTS) |  | 10 |  | 7 | Compulsory |  |

(b) For the remaining 20 credits students must:

1. Select **1** module from the **EG electives** in **3b** below = **10 credits**;
2. Select **1** module from the list of electives '**DD MSc TOM-NUBS**' in **3c** below = **10 credits**.
3. Or replace options 1 and 2 by selecting **both EG electives in 3b (20 credits)**.

3b: EG electives

| Newcastle Code* | Groningen Code | Descriptive title   | Total Credits | Credits Sem 1 | Credits Sem 2 | Credits Sem 3 | Level | Type | Mode |
|-----------------|----------------|---|---------------|---------------|---------------|---------------|-------|------|------|
| GRN8202         | EBM760D05      | Technology-enabled Innovation: products, services and systems | 10 (5 ECTS)   |               | 10            |               | 7     |      |      |
| GRN8204         | EBM026A05      | Inventory management  | 10 (5 ECTS)   |               | 10            |               | 7     |      |      |

3c: Additional Electives (DD MSc TOM-NUBS):

| Newcastle Code* | Groningen Code | Descriptive title                               | Total Credits | Credits Sem 1 | Credits Sem 2 | Credits Sem 3 | Level | Type | Mode |
|-----------------|----------------|---|---------------|---------------|---------------|---------------|-------|------|------|
| GRN8208         | EBM147A05      | Supply Chain Dynamics                           | 10 (5 ECTS)   |               | 10            |               | 7     |      |      |
| GRN8209         | EBM167A05      | Energy Transition and Innovation                | 10 (5 ECTS)   |               | 10            |               | 7     |      |      |
| GRN8210         | EBM034A05      | Healthcare Operations                           | 10 (5 ECTS)   |               | 10            |               | 7     |      |      |
| GRN8211         | EBM201A05      | Global Supply Chain Management & Sustainability | 10 (5 ECTS)   |               | 10            |               | 7     |      |      |
| GRN8212         | EBM621A05      | Innovation & Entrepreneurs hip                  | 10 (5 ECTS)   |               | 10            |               | 7     |      |      |

|         |           |                               |                |  |    |  |   |  |  |
|---------|-----------|-------------------------------|----------------|--|----|--|---|--|--|
| GRN8214 | EBM222A05 | Sales and Operations planning | 10<br>(5 ECTS) |  | 10 |  | 7 |  |  |
|---------|-----------|-------------------------------|----------------|--|----|--|---|--|--|

*\*GRON code numbers are provisional codes allocated by Newcastle University, University of Groningen refer to modules by descriptive title only.*

**NOTE:** In semester 2 all students participate in the preparation module for their Masters' Thesis', offered in Groningen.

- (c) The compulsory dissertation will be taken over semester 3 of year 1 and semester 1 of year 2\* and will be jointly supervised and delivered by Newcastle and Groningen.

| <i>Code</i> | <i>Descriptive title</i>                        | <i>Total Credits</i> | <i>Credits Sem 1</i> | <i>Credits Sem 2</i> | <i>Credits Sem 3</i> | <i>Level</i> | <i>Type</i> |
|-------------|---|----------------------|----------------------|----------------------|----------------------|--------------|-------------|
| NBS8399     | Dissertation (Dual Award Operations Management) | 60<br>(30 ECTS)      | 60                   |                      |                      | 7            |             |

*\*For the purposes of administration this module is listed as semester 1 of year 2 in the regulations*

#### **4. Assessment methods**

Details of the assessment pattern for each module are explained in the module outline.

#### **5. Progress**

Before proceeding to the dissertation, candidates are normally expected:

- (i) to pass the taught modules\*
- (ii) to have their ethics form and, where relevant, the travel and fieldwork risk assessment forms signed off by their supervisor

*\* Candidates can fail 20 credits of non-core modules and still proceed in accordance with the postgraduate taught examination conventions.*