

## Programme Regulations: 2021 - 2022

### Degree of Master of Research in Biotechnology and Biodesign

**Code: 4868F**

#### Notes:

- (i) *These programme regulations should be read in conjunction with the University's Research Degree Regulations.*
- (ii) *A compulsory module is a module which a student must take.*
- (iii) *All modules are delivered in Linear mode unless stated otherwise as Block, eLearning or distance learning.*
- (iv) *As a Research Masters degree, this programme reflects specific research themes and aims incorporating research preparation. The programme comprises at least 180 credits of which at least 80 credits will be dedicated to the research project/dissertation.*

#### 1. Programme structure

- (a) The period of study for full-time mode shall be 1 year starting in September.
- (b) The programme comprises modules to a credit value of 180.
- (c) 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>
BIO8043	Practical Techniques in Molecular Biology	20	20			7	
BIO8044	Biotechnology: Advanced Topics	20	20			7	
BIO8198	MRes Research Dissertation Project	120	20	40	60	7	
SPG8500	Problem Solving through innovation PG	10		10		7	Block

- (d) All candidates shall take one of the following optional 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>
BIO8041	Antimicrobial Discovery	10		10		7	Block
BIO8046	Applied Bioinformatics	10		10		7	Block
CME8020	Modelling and Control in Bioprocess Systems	10		10		7	Block

Candidates who are graduates of other Newcastle University degree programmes must consult the Degree Programme Director about their module selection and may have to take modules other than those listed to maximise the learning opportunities.

With the approval of the Degree Programme Director and depending upon the academic background of the candidate alternative optional modules to those listed above may be selected.

#### 2. Assessment methods

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