

## REPRODUCTIVE AND DEVELOPMENTAL BIOLOGY (MSc/PgDip/PgCert)

57C142B1/61C142VX/62C142VZ

*Duration:* 12 months full time (MSc)

*Content:*

Candidates shall be required to attend the following designated programme of courses:

### **FULL TIME ROUTE**

#### Stage 1

- PD5006 Getting Started at the University of Aberdeen (0 credit points)
- MB5021 Bioinformatics (15 credit points)
- MB5025 Molecular Genetics (15 credit points)
- MB5026 Principles of Reproductive Biology (15 credit points)
- MT5010 Basic Skills – Induction (0 credit points)
- PU5017 Applied Statistics (15 credit points)

#### Stage 2

- MB5529 Evaluating and Communicating Research (15 credit points)
- MB5524 Applied Developmental Biology (15 credit points)

Plus two from the following:

- MB5528 Advanced Genomic Tools in Biomedical Research (15 credit points)
- MB5522 Advanced Bioinformatics and Genome Sequencing (15 credit points)
- MT5515 Basic Research Methods (15 credit points) – only recommended for those with no or very limited lab experience

#### Stage 3

All students must take **one** of the following:

- MB5904 Masters Research Project (Laboratory)(60 credit points)
- OR
- PU5922 Masters Research Project (60 credit points)

*Assessment:* By practical work, by written essays and by oral presentations, or by a combination of these, as prescribed for each course. The project will be assessed on the basis of performance, written thesis, and oral presentation. There will usually be an oral examination to complete the programme. Candidates must pass all courses at an appropriate standard for the award of the MSc degree.