

APPLIED MARINE AND FISHERIES ECOLOGY (MSc/PgDip)

57C350B1/61C350VX

(Jointly with Marine Scotland Science MSS)

Duration: 12 months full-time (MSc); 9 months (PgDip); 4 months full time (PgCert). 24 months part-time (MSc); 18 months part-time (PgDip); 8 months part time (PgCert).

Content:

Candidates must attend the following designated programme of courses unless they have previously passed courses deemed by the Programme Co-ordinator to be equivalent to one or more of the specified courses, in which case another course must be taken with approval from the Programme Co-ordinator. Candidates must take a minimum of 120 credit points from the compulsory and elective courses in stages 1 and 2.

FULL TIME ROUTE

Stage 1

Compulsory courses:

- ZO5008 Marine Ecology and Ecosystem Management (7.5 credit points)
- ZO5011 Fish Biology and Conservation (7.5 credit points)
- ZO5304 Population Ecology (15 credit points)
- BI5009 Experimental Design and Analysis (15 credit points)
- EV5402 Introduction to GIS (7.5 credit points)

Plus 15 credit points from the following list of elective courses:

- ZO5010 Field Trip (Cromarty) (0 credit points)
- ZO5303 Aquaculture (7.5 credit points)
- BI5010 Statistics for Complex Study Designs (7.5 credit points)
- EK5405 Molecular Ecological Techniques (7.5 credit points)
- BI5401 Introduction to Bayesian Inference (7.5 credit points)

Stage 2

Compulsory courses:

- ZO5510 Fisheries Technologies and Surveys (7.5 credit points)
- ZO5804 Fisheries Analysis and Assessment (7.5 credit points)
- ZO5511 Research Project Planning (7.5 credit points)

Plus 30 credit points from the following list of elective courses:

- ZO5508 Marine Spatial Management and Top Predators (15 credit points)
- ZO5515 Sustainable Management of Marine Resources (15 credit points)
- EV5511 Spatial Information Analysis (7.5 credit points)
- EK5704 Advanced Modelling for Ecology and Conservation (7.5 credit points)
- EK5510 Ecology, Conservation and Society (15 credit points)
- EK5511 Catchment Management (15 credit points)

Final Stage (Stage 3)

- ZO5902 Research Project/Dissertation (60 credit points)

PART-TIME ROUTE

This route will run over two years minimum. Candidates can take up to 120 credit points in an academic year.

Candidates must take a minimum of 120 credit points of courses including all the compulsory courses and a selection of the elective courses in stages 1 and 2 (listed above) plus the 60 credit research project.

BI5009 Experimental Design and Analysis must be taken in Year 1.

ZO5902 Research Project/Dissertation must be registered for in Year 2. However the work for Research Project/Dissertation may be split between Years 1 and 2.

ZO5511 Research Project Planning is normally taken in Year 2 but must be completed before work on ZO5902 Research Project/Dissertation begins, and thus must be taken in Year 1 if the work for Research Project/Dissertation begins in Year 1.

Part-time students must consult with the Programme Coordinator before registering for courses.

Assessment: By a combination of (1) assignments as prescribed for each course, and (2) a dissertation covering the research project. MSc and Diploma candidates are usually required to attend an oral examination.