



## Module Descriptors

### X200 PgCert Research Methods

#### Semester 1

PG S1 begins the first week in September each year.

- **Research methods UN811989**

This foundational module focuses on designing research projects and analysing data in a quantitative, qualitative or mixed methods' approach. Level 11 (20 course credits, cc).

Module Leaders: [Steven.Timoney.perth@uhi.ac.uk](mailto:Steven.Timoney.perth@uhi.ac.uk); [Kerry.Hannigan.perth@uhi.ac.uk](mailto:Kerry.Hannigan.perth@uhi.ac.uk)

- **Quantitative research and data analysis UX311001**

This module will provide students with the opportunity to explore a variety of quantitative and statistical techniques for the successful design, implementation, and methodology of research studies. It includes data collection, descriptive statistics, hypothesis testing and correlation analysis as well as other techniques. Level 11 (20 course credits, cc).

Module Leader: Dr. [Eddy.Graham@uhi.ac.uk](mailto:Eddy.Graham@uhi.ac.uk)

#### Semester 2

PG S2 begins the first week in February each year.

- **Action research and mixed methods: rising to today's research challenges UX311997**

This module will focus on action research and mixed methods literature, approaches, and studies. The purpose is to deepen students' epistemological and ontological understanding of methodology and the philosophy of science, beyond the traditional qualitative/quantitative debates, by critically exploring the application of action research approaches in community contexts.

The module will provide opportunities for students, as research practitioners, to explore and critically reflect on both the complexities of professional practice and research methodologies. They will be required to systematically address an issue or a problem in practice by planning an action research project in their area whilst simultaneously enhancing understanding of their own practice and the underpinning assumptions. Level 11 (20 course credits, cc).

Module Leader: Dr. [Tamara.Griffiths@uhi.ac.uk](mailto:Tamara.Griffiths@uhi.ac.uk)

- **Qualitative inquiry and Hebridean research methods UX211935**

Established and emerging qualitative methods of collecting, analysing, and representing data, or honouring human voice, is covered in this module, including Hebridean educational research methods. Students will develop a qualitative research proposal in this module in preparative for future research and dissertations. Level 11 (20 course credits, cc).

Module, Programme Leader: Dr. [Kara.Smith@uhi.ac.uk](mailto:Kara.Smith@uhi.ac.uk)