CH948-20 Warwick Interdisciplinary Transferable Skills (CH948-20)

23/24

Department
Chemistry
Level
Taught Postgraduate Level
Module leader
Nikola Chmel
Credit value
20
Module duration
52 weeks
Assessment
100% coursework
Study location
University of Warwick main campus, Coventry

Description

Introductory description

CH948 is based around you completing and recording tasks that you are already doing as part of your degree, completing a portfolio and reflecting on what you have learnt. The various aspects are described in the course booklet (below) which forms a basis for your portfolio. This will be required to be finally submitted at the completion of the course (some aspects relate to your research project) and will be assessed by me. Please note that this is not graded but is a pass/fail module (you are required to pass all aspects to pass the module and in turn required to pass the module to pass the degree).

Module web page

Module aims

To introduce students from a range of different backgrounds to non-technical skills required for successful research in interdisciplinary projects and for a career as a scientist. Most of the material is covered in the context of the rest of their teaching programme.

The key challenge for this module is for students to be able to understand how they operate and

function in different settings and to use different skills to achieve this.

Outline syllabus

This is an indicative module outline only to give an indication of the sort of topics that may be covered. Actual sessions held may differ.

General introduction to graduate studies at Warwick including safety, library
Team development, learning styles, team roles etc.
Weekly seminar general organisation and ability to discuss seminar content critically
Preparation for departmental or group-related activity
Presenting scientific work to varied audiences by a web page poster, writing a paper, writing a thesis, giving a technical and non-technical talk, assessing presentations of colleagues
Selection of their own activities (to be confirmed by a discussion with the relevant MSc director) which involves interaction and elements of leadership of other people

Learning outcomes

By the end of the module, students should be able to:

- Ability to operate safely and effectively in the science graduate research environment at Warwick.
- Understanding team working, learning styles
- Ability to write reports, essays, papers
- Ability to present the results of research to both scientific and non-scientific audiences
- Ability to coordinate an experiment in a small team
- Ability to understand how one operates and functions in different settings and to use different skills to achieve tis.

Interdisciplinary

Portfolio of transferable skills development

Subject specific skills

Ability to operate safely and effectively in the science graduate research environment at Warwick

Transferable skills

Understanding of team working, learning styles
Ability to write reports, essays, papers
Ability to present the results of research to both scientific and non-scientific audiences
Ability to coordinate an experiment in a small team.
The key challenge for this module is for students to be able to understand how they operate and function in different settings and to use different skills to achieve this.

Study

Study time

Type	Required
Lectures	1 session of 1 hour (1%)
Seminars	14 sessions of 1 hour (18%)
Other activity	5 hours (6%)
Private study	60 hours (75%)
Total	80 hours

Private study description

Additional independent study

Other activity description

Team working workshop (2h) and teambuilding activities (3h)

Costs

No further costs have been identified for this module.

Assessment

You must pass all assessment components to pass the module.

Assessment group A1

	Weighting	Study time	Eligible for self-certification
Skills Development Portfolio	100%	120 hours	Yes (extension)

Establish a portfolio of transferable skills activity and collect evidence to show that all aspects of the syllabus list have been attained. Each item must be signed off by either the appropriate CDT director, MSc course director or their delegated deputy.

Feedback on assessment

Face to face and written feedback on the portfolio

Availability

Courses

This module is Core for:

- Year 1 of TCHA-F1PY Postgraduate Taught Analytical Science and Instrumentation
- Year 1 of TCHA-F1PX Postgraduate Taught Analytical and Polymer Science
- Year 1 of TCHA-F1PL Postgraduate Taught Molecular Analytical Science
- Year 1 of TCHS-F1PK Postgraduate Taught Polymer Chemistry
- TCHA-F1PW Postgraduate Taught Polymer Science
    - Year 1 of F1PW Polymer Science
    - Year 2 of F1PW Polymer Science

This module is Unusual option for:

- Year 3 of TCHA-F1PW Postgraduate Taught Polymer Science

This module is Core option list B for:

- Year 1 of TCHA-F1PY Postgraduate Taught Analytical Science and Instrumentation