

## Module specification

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Module Code	NAD 601
Module Title	Clinical Research Project
Level	6
Credit value	40
Faculty	SLS
HECoS Code	100744
Cost Code	GALT

### Programmes in which module to be offered

Programme title	Is the module core or option for this programme
BSc (Hons) Nutrition & Dietetics	Core

### Pre-requisites

N/A

### Breakdown of module hours

Learning and teaching hours	16 hrs
Placement tutor support	0 hrs
Supervised learning e.g. practical classes, workshops	16 hrs
Project supervision (level 6 projects and dissertation modules only)	16 hrs
<b>Total active learning and teaching hours</b>	<b>48 hrs</b>
Placement / work based learning	0 hrs
Guided independent study	352 hrs
<b>Module duration (total hours)</b>	<b>400 hrs</b>

<b>For office use only</b>	
Initial approval date	31/8/22
With effect from date	September 2024
Date and details of revision	
Version number	1

## Module aims

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To enable the student to engage in primary research (empirical or non-empirical) in a topic relevant to the dietetics profession. Students will develop key research skills, including in methodological design, data analysis and critical review. A wider aim is to foster in students an interest in research in order that they continue participating in research as a qualified professional.

### Module Learning Outcomes - at the end of this module, students will be able to:

1	Apply an investigative and methodologically sound approach in order to conduct independent research on a relevant selected topic, utilising qualitative or quantitative techniques as appropriate
2	Question, critically analyse and draw valid conclusions using evidence from a wide range of sources
3	Communicate information and ideas effectively and coherently, offering reasoned arguments based upon critical analysis of, synthesis of, and reflection upon sources used
4	Appraise the project's strengths, limitations, and clinical implications including contribution to future research in nutrition and dietetics

## Assessment

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Indicative Assessment Tasks:

Students will conduct a research project on a selected area, using methods covered in the module. Research projects will require prior approval from module lead prior to commencing the project, and will require relevant ethical approval (either internal or external - as required) prior to data collection. 5000 words

Assessment number	Learning Outcomes to be met	Type of assessment	Weighting (%)
1	1-4	Dissertation/Project	100%

## Derogations

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Students will be required to achieve a pass mark of 40%.

## **Learning and Teaching Strategies**

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A blended learning approach will be used during the delivery of this module combining online educational materials and face-to-face sessions. The use of the University's Virtual Learning Environment (VLE) – Moodle – allows students control over the time, place, and pace of their study. Students have a responsibility to manage and engage with the online pre- and post-session learning resources to allow them to fully comprehend the subject matter.

On campus face-to-face sessions will allow students to strengthen their learning through further discussions and tutor-led problem-based tasks and other activities. There will be designated group and individual tutorials to support students with their project.

## **Indicative Syllabus Outline**

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The module offers students the opportunity to engage in an extensive independent study with supervision from an academic staff member. Students will have the opportunity to consider varied research types and possibilities, including engaging in a clinically-orientated project in collaboration with our practice partners.

Guidance will also be given on all relevant procedures that need to be carried out before any data is collected, (including ethical approval and risk assessment).

Research ethics – all aspects relating to clinical undergraduate projects (e.g. regulations regarding information and information storage; recruitment, researcher bias)

Exploring the use of clinical records to inform service management and improvement, evaluation of interventions, research and public health and by service users. This will include a look at the contribution of the service user to the research process.

The teaching aspects will build on material covered at level 5, including how to write a literature review; grading of evidence and guidelines, and how to present data and organise work, how to analyse data.

Students will meet regularly with their supervisor, who will provide advice and support on all aspects of the project.

## **Indicative Bibliography:**

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Please note the essential reads and other indicative reading are subject to annual review and update.

### **Essential Reads**

Creswell, J. W., and Creswell, J. D. (2018), *Research design: Qualitative, quantitative, and mixed methods approaches*. 5th ed.. Sage.

### **Other indicative reading**

Aveyard, H. (2010). *Doing a literature review in health and social care: A practical guide*. Open University Press.

Booth, W. C., Colomb, G. G. & Williams, J. M. (2008). *The craft of research*, Chicago: University of Chicago Press.

Dytham, C. (2011). *Choosing and using statistics: a biologist's guide*, (3rd ed. ) Oxford: Blackwell.

Holmes, D., Moody, P., Dine, D., & Trueman (2017). *Research methods in the biosciences*. (3rd ed.) Oxford: Oxford University Press.

Johnson, A. P. (2016). *Academic writing: process and product*. Lanham: Rowman and Littlefield

Jones, A., Reed, R. & Weyers, J. (2016). *Practical Skills in Biology*, (6th ed.) Harlow: Pearson.

Lester, J. D. & Lester, J. D. (2015). *Writing research papers: A complete guide*, (15th ed.) Harlow: Pearson Education.

Pallant, J. (2016). *SPSS survival manual : a step by step guide to data analysis using SPSS*. Maidenhead: McGraw-Hill Education

Silverman, D. (2016). *Qualitative Research*, (4th ed.) Los Angeles: SAGE

## **Employability skills – the Glyndŵr Graduate**

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Each module and programme is designed to cover core Glyndŵr Graduate Attributes with the aim that each Graduate will leave Glyndŵr having achieved key employability skills as part of their study. The following attributes will be covered within this module either through the content or as part of the assessment. The programme is designed to cover all attributes and each module may cover different areas.

### **Core Attributes**

Engaged  
Enterprising  
Creative  
Ethical

### **Key Attitudes**

Commitment  
Curiosity  
Adaptability

### **Practical Skillsets**

Digital Fluency  
Organisation  
Leadership and Team working  
Critical Thinking  
Emotional Intelligence  
Communication