

Module specification

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Module code	NAD 603
Module title	Clinical Medicine
Level	6
Credit value	40
Faculty	Social and Life Sciences
HECoS Code	100744
Cost Code	GADT

Programmes in which module to be offered

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

Pre-requisites

N/A

Breakdown of module hours

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

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

Module aims

To build on the biology, biochemistry and physiology knowledge and understanding gained at levels 4 and 5, to move to a thorough grounding in core aspects of clinical medicine. This will complement the advanced dietetics module students will also study at this level.

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

1	Demonstrate a critical understanding of processes of medical assessment and diagnosis.
2	Demonstrate knowledge, understanding and critical awareness of medical and surgical treatments in relevant disease processes (including: evidence behind interventions and treatment limitations).
3	Demonstrate an understanding of drug processing, including the key concepts relating to pharmacokinetics and pharmacodynamics.
4	Demonstrate ability to critically apply knowledge of medical outcomes to analyses and interpret patient data.

Assessment

Indicative Assessment Tasks:

This section outlines the type of assessment task the student will be expected to complete as part of the module. More details will be made available in the relevant academic year module handbook.

Assessment 1: Examination (3 hour) assessing learning outcomes 1-4.

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

Derogations

A minimum grade of 40% must be achieved in all assessment components in order to pass the module.

Learning and Teaching Strategies

The Active Learning Framework (ALF) will be utilised in the delivery of this module through synchronous and asynchronous content. It will consist of lectures, seminars, interactive online content, practical demonstrations and activities. Practical sessions provide the opportunity to gain experience with different population groups across a range of settings and will support lectures, enabling students to develop applied skills and foster creativity and innovation through the sharing of ideas.

Indicative Syllabus Outline

The module will cover the following indicative content:

An overview of major disease processes and related terminology.

Further exploration of immune system function, including autoimmune diseases

Classification, aetiology, prevention and treatment of major diseases (e.g. disorders of the immune system, organ dysfunction, cancer, infectious disease).

Clinical assessment, diagnosis and treatment interventions (medical and surgical) in the management of major diseases and disorders.

How to identify xanthelasma and arcus senilis.

Understanding how drugs work through study of pharmacokinetics and pharmacodynamics

Integration of physiological systems and their impact on disease progression and management, including monitoring of measurable outcomes.

The role of nutrition as a component of medical treatment, including drug-nutrient interactions.

The physical signs of nutrient deficiency/abnormality

Different classifications of prescription only medicines and Nutrition Borderline Substances, and the role of the dietitian within medicines management and appropriate prescribing.

The use of and the evidence underpinning complementary and alternative medicine.

Indicative Bibliography:

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

Essential Reading

Kumar, P and Clarke, M. (2017) *Clinical Medicine*, 9th ed. Edinburgh: Saunders Elsevier

Other indicative reading

Ehrlich, A. & Schroeder, C.L. (2017) *Medical Terminology for Health Professionals*, 8th ed. Boston: Cengage Learning.

Neal, M (2020). *Medical Pharmacology at a Glance*, 9th Edition, Wiley, Blackwell

Journals:

Nature;

New England Journal of Medicine

The Lancet

British Medical Journal,

Journal of the American Medical Association

Employability skills – the Glyndŵr Graduate

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

Creative

Ethical

Key Attitudes

Commitment

Curiosity

Resilience

Confidence

Adaptability

Practical Skillsets

Digital Fluency

Organisation

Critical Thinking

Emotional Intelligence

Communication