

Module Specification

Module Summary Information

Module Title	Gastrointestinal anatomy & physiology
Module Credits	20 credits
Module Level	7
Module Code	LBR7600

Module Overview

This 20-credit, level 7 module is a standalone module that sits within the Flexible and Work Based Learning Framework. The module can be used, in conjunction with other modules as part of a 60-credit gastrointestinal care pathway. The framework is intended to provide a structure for the engagement of the University with external organisations from corporate, public, and voluntary sectors who wish to provide professional educational initiatives. The framework covers courses offered in collaboration with UK based organisations only. The framework reflects the University's mission, which includes the development of flexible, practice-based learning and the provision of education that enhances employability. The framework aims to widen participation in higher education by broadening the learning opportunities available to you through the provision of learning opportunities in alternative settings and learning in an alternative format to that available at the University. The framework covers programmes offered in collaboration with UK based organisations and is not intended to apply to overseas collaborations.

This module is suitable for you if you are a qualified healthcare professional who wishes to increase your knowledge and understanding of how the anatomy of the gastrointestinal tract and function alter when caring for people with a gastrointestinal condition. The module will provide you with the opportunity to critically explore current thinking and emerging research and how this can be applied to your own practice. The module can be undertaken as a stand-alone module or can be used towards a postgraduate certificate.

The aim of the module is to prepare you with the knowledge and skills to understand how the gastrointestinal tract functions. You will have the opportunity to develop skills of enquiry, reflection and problem analysis. A blended learning approach is taken that incorporates classroom and self-directed activities that include Moodle based activities, in line with the University's learning and teaching strategy. You will be encouraged to think critically and share practice experiences with your fellow students, as well as engaging in both directed and self-directed learning activities. You will be an active partner in your own learning and development and in return you will receive feedback and feedforward aimed at developing your academic skills.

The gastrointestinal anatomy & physiology module includes 20 hours of face-to-face facilitated learning over three days. In addition, there will be 30 hours of self-directed learning and 150 hours private study. To successfully pass this module you will be required to meet the learning outcomes via the assessment, with a minimum pass mark of 50%.

Indicative Content

- Assess the required academic support: literature searching, critical appraisal of publications and how to reference as per the university guidelines
- Application of the anatomy and physiology of the gastrointestinal tract and accessory organs
- Evaluation of the effects an altered physiology has on the gastrointestinal tract
- Disease processes and outcomes
- Cancer of the GI Tract, inflammatory bowel disease and other GI conditions
- National, Local and developmental policies and guidelines related to gastrointestinal care

Module Learning Outcomes	
On successful completion of the module, students will be able to:	
1	Critically apply knowledge and in-depth understanding of the gastrointestinal tract anatomy and physiology to a person with altered gastrointestinal anatomy and/or physiology.
2	Critically analyse and synthesise evidence-based knowledge of altered gastrointestinal anatomy and/or physiology in the context of the clinical setting.
3	Systematically evaluate the impact of local and national policy related to altered anatomy and/or physiology of the gastrointestinal tract.

Module Assessment			
Learning Outcome	<i>Choose from one of the three general categories of assessment for each learning outcome: Coursework, Exam or In-Person</i>		
	Coursework	Exam	In-Person
1-3	100%		

Breakdown Learning and Teaching Activities	
Learning Activities	Hours
Scheduled Learning (SL) includes lectures, practical classes and workshops, peer group learning, Graduate+, as specified in timetable	20 hours
Directed Learning (DL) includes placements, work-based learning, external visits, on-line activity, Graduate+, peer learning, as directed on VLE	30 hours
Private Study (PS) includes preparation for exams	150 hours
Total Study Hours:	200 hours

Key Texts and Online Learning Resources
<p>There is no essential reading or purchases for this module.</p> <p>Recommended reading:</p> <p>Abrahamson E and Langston J (2017) Making sense of human anatomy and physiology: a learner-friendly approach. North Atlantic Books. Available at: https://ebookcentral.proquest.com/lib/bcu/detail.action?docID=6045829&query=anatomy+and+physiolog</p> <p>Burch, J. and Collins B. (2021) <i>Oxford Handbook of Gastrointestinal Nursing</i>. 2nd edition. Oxford: Oxford University Press.</p>

Dimond, B. (2015) *Legal Aspects of Nursing*. 7th edn. Harlow: Pearson. Available at: <http://lib.myilibrary.com/Open.aspx?id=769129&src=0> [Accessed 31 July 2017].

Kaura, A. (2015) *Crash Course: Evidence Based Medicine: reading and writing medical papers*. London: Mosby Elsevier.

Marieb EN and Hoehn KN (2018) *Human anatomy and physiology, global edition*. Available at: <https://ebookcentral.proquest.com/lib/bcu/detail.action?docID=5573697&query=anatomy+and+physiolog>
[Y](#)

Marshall P, Gallacher B, Jolly J, Rinomhota S (2017) *Anatomy and physiology in healthcare*. Scio publishing. Ebook. Available at: <https://ebookcentral.proquest.com/lib/bcu/detail.action?docID=5504783&query=anatomy+and+physiolog>
[Y](#)

Scanlon V and Sanders T (2018) *Essentials of anatomy and physiology, 8th edition*. FA Davis Company. Available at: <https://ebookcentral.proquest.com/lib/bcu/detail.action?docID=5558358&query=anatomy+and+physiolog>
[Y](#)

Sturgeon D (2018) *Introduction to anatomy and physiology for healthcare students*. Taylor and Francis Group. Available at: <https://ebookcentral.proquest.com/lib/bcu/detail.action?docID=5323306&query=anatomy+and+physiolog>
[Y](#)

Tortora GJ (2016) *Principles of anatomy and physiology, 15th edition*. Available at: <https://ebookcentral.proquest.com/lib/bcu/detail.action?docID=6488475&query=anatomy+and+physiolog>
[Y](#)

Van Putte C, Regan J, Russo A and Seeley R (2019) *Seeley's anatomy and physiology, McGrae-Hill US Higher Ed ISE*. Available at: <https://ebookcentral.proquest.com/lib/bcu/detail.action?docID=6110562&query=anatomy+and+physiolog>
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Assignment outline

Your 3000-word (+10%) assignment (excluding references) will critically apply your in-depth knowledge of anatomy and physiology (A&P) of the gastrointestinal (GI) tract as a case study. You will critically analyse and synthesise the evidence-based knowledge of altered GI A&P in the context of the clinical setting. You will systematically evaluate the impact of local and national policy in relation to altered GI A&P.

Plagiarism	<p>You are reminded of the University's Disciplinary Procedures that refer to plagiarism. A copy of the Disciplinary Procedure is available from iCity.</p> <p>Except where the assessment of an assignment is group based, the final piece of work that is submitted must be your own work. Close similarity between assignments is likely to lead to an investigation for cheating.</p> <p>You must also ensure that you acknowledge all sources you have used.</p> <p>Submissions that are considered to be the result of collusion or plagiarism will be dealt with under the University's Disciplinary Procedures, and the penalty may involve the loss of academic credits.</p> <p>If you have any doubts about the extent to which you are allowed to collaborate with your colleagues, or the conventions for acknowledging the sources you have used, you should first of all consult module documentation and, if still unclear, your tutor.</p>
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Assessment submission deadline(s)	Submission method (e.g. electronic/Moodle/other)	Return of work (Date not 20 days)
Course dates 08-10 July 2024 Submission date 08 October 2024 (midday)	moodle	04 November 2024
Exceptional Circumstances explanation		
Assessment resubmission deadline(s)	Submission method (e.g. electronic/Moodle/other)	Return of work
17 December 2024 (midday)	moodle	14 January 2025
* Resubmission deadline(s) are only relevant if you are unsuccessful in your first attempt – please see University Regulations on resubmission policy and procedure.		

Marking criteria

	0 – 49% Fail	50 – 59% Pass	60 – 69% Merit	70 – 79% Distinction	80 – 100% Distinction
Criterion 1	Critically apply knowledge of the anatomy and physiology (A&P) of the gastrointestinal (GI) tract to a person with altered gastrointestinal anatomy				
Mark:	You provide insufficient critical application of knowledge of the altered A&P of the GI tract	You provide a limited critical application of knowledge of the altered A&P of the GI tract	You demonstrate clear critical application of knowledge of the altered A&P of the GI tract	You demonstrate robust and sustained critical application of knowledge of the altered A&P of the GI tract	You demonstrate exceptional, detailed insight when critically applying knowledge of the altered A&P of the GI tract
Criterion 2	Critically analyse and synthesise evidence-based knowledge of altered gastrointestinal (GI) anatomy and physiology (A&P) in the context of the clinical setting				
Mark:	You are unable to demonstrate critical analysis and synthesis of the evidence-based knowledge of altered GI A&P in the clinical context	You adequately demonstrate critical analysis and synthesis of the evidence-based knowledge of altered GI A&P in the clinical context	You clearly demonstrate critical analysis and synthesis of the evidence-based knowledge of altered GI A&P in the clinical context	You demonstrate robust and sustained critical analysis and synthesis of the evidence-based knowledge of altered GI A&P in the clinical context	You demonstrate an exceptionally, detailed insight when critically analysing and synthesising of the evidence-based knowledge of altered GI A&P in the clinical context
Criterion 3	Systematically evaluate the impact of local and national policy related to altered anatomy and physiology (A&P) of the gastrointestinal (GI) tract				
Mark:	You fail to demonstrate systematic evaluation the impact of local and national policy related to altered A&P of the GI tract	You demonstrate systematic evaluation the impact of local and national policy related to altered A&P of the GI tract	You present a clear systematic evaluation the impact of local and national policy related to altered A&P of the GI tract	You demonstrate sustained and robust systematic evaluation the impact of local and national policy related to altered A&P of the GI tract	You demonstrate an exceptionally detailed insight, with systematic evaluation the impact of local and national policy related to altered A&P of the GI tract