

MD3B3-30 Advanced cases in health and medical sciences

26/27

Department

Warwick Medical School

Level

Undergraduate Level 3

Module leader

Dawn Collins

Credit value

30

Module duration

6 weeks

Assessment

100% coursework

Study location

University of Warwick main campus, Coventry

Description

Introductory description

In this module students will investigate three advanced contemporary cases, spending two weeks per case. The three cases will cover authentic and complex global and local health problems. The cases will integrate and expand on the areas covered in years 1 and 2. This module will further engage students in a transdisciplinary approach to problem solving, providing unique opportunities to practice their holistic approaches to investigating problems in health and go deeper in their analysis of the issues that arise from the cases to explore issues including health policy.

[Module web page](#)

Module aims

To enable an in-depth investigation of complex local and global health problems faced by individuals and society. Students will acquire skills in independent analytical thinking and reflective judgment by reading and discussing complex, real-life cases and the creation of their own case.

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.

Students will investigate three advanced contemporary cases, spending two weeks per case, the three cases will cover authentic complex global and local health problems, for example slum health and double burden of health conditions and diseases. The cases will integrate and expand on the areas covered in years 1 and 2. This module will further engage students in a transdisciplinary approach to problem solving, providing unique opportunities to practice their holistic approaches to investigating problems in health and go deeper in their analysis of the issues that arise from the cases to explore issues including health policy.

Learning outcomes

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

- To investigate complex interrelated real world challenges in health and medical sciences
- To evidence responsible and judicious strategic decision making through well-established reasoning and teamworking skills when considering cases
- To design and develop case-based learning materials which aim to advance knowledge of health problems faced by individuals and society
- To develop and use strategic planning and reasoning skills to engage with others and develop innovative teaching materials that explore the global burden of disease
- To reflect on case-based learning as a lens through which to review real world challenges in health and medical sciences

Indicative reading list

[Reading lists can be found in Talis](#)

Interdisciplinary

The BSc Health and Medical Sciences is fundamentally about combining the multidisciplinary perspectives of the health sciences and medical sciences. At levels 4 & 5 students develop a progressively deeper understanding of multidisciplinary perspectives. For this level 6 module students will engage in a more overt application of these perspectives and broaden these to include health strategy and policy.

Subject specific skills

Enable to critically consider evidence pertaining to complex interrelated real-world challenges in health and medical sciences.

Transferable skills

The transferable skills gained from the completion of this module include, discipline-specific knowledge, ability to gather and interpret information, ability to analyze data, oral communication skills, ability to make decisions and solve problems, written communication skills, ability to learn

quickly, ability to manage a project, and creativity/innovative thinking.

Study

Study time

Type	Required
Lectures	6 sessions of 1 hour (2%)
Seminars	24 sessions of 1 hour (8%)
Private study	156 hours (52%)
Assessment	114 hours (38%)
Total	300 hours

Private study description

Students would be expected to engage in 246 hours of self-directed learning (90 hours on assessment) outside other learning and teaching activities outlined above.

Costs

No further costs have been identified for this module.

Assessment

You do not need to pass all assessment components to pass the module.

Assessment group A3

Assessment component	Weighting	Study time	Eligible for self-certification
Creation of case-based learning materials	80%	90 hours	Yes (extension)

Summative assessment: Creation of a CBL case including case material, briefing documents and expert summary in the VLE (equivalent to 4000 words)

Formative: Prepare a case outline to test skills of using VLE using instructional guide

Weighting**Study time****Eligible for self-certification**

Reassessment component is the same

Assessment component

Continuous assessment of
CBL performance

20%

24 hours

No

In each CBL session the facilitator will record attendance and note individual student engagement in areas such as attendance, verbal/written contribution and completion of specific HMS CBL roles. At the end of each case the trained facilitator will make a summary judgement, scoring individual student engagement over the whole case.

At the end of the module, each student's best two case performances will be totalled and averaged to produce a numerical engagement score that will contribute twenty percent to the overall module grade.

All proformas relating to these processes are available on request.

Reassessment component

Critical reflection on CBL
cases

No

Students requiring reassessment will be asked to submit a critical reflection that references learning from all three Advanced Cases CBL cases. There are three cases and each should be summarised in ~500 words.

Feedback on assessment

Creation of case-based learning materials will be marked using standardised rubrics, which will provide feedback to the students (including individualised feedback) in line with WMS assessment criteria (including submission to Plagiarism software). Further verbal feedback will be available to students on request. Every student who fails an element of assessment will be offered an appointment for face to face feedback.

CBL engagement scoring will be recorded as a numerical value ascertained from specialised proformas and spreadsheets.

Availability

Courses

This module is Core for:

- Year 3 of UMDA-B990 Undergraduate Health and Medical Sciences
- Year 3 of UMDA-B991 Undergraduate Health and Medical Sciences (with Intercalated Year)
- Year 3 of UMDA-B992 Undergraduate Health and Medical Sciences (with Summer Term Study Abroad)