



Module Specification

Practical Maths

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Part 1: Information

Module title: Practical Maths

Module code: UZYYRX-15-0

Level: Level 3

For implementation from: 2025-26

UWE credit rating: 15

ECTS credit rating: 7.5

College: College of Health, Science & Society

School: CHSS School of Health and Social Wellbeing

Partner institutions: None

Field: Allied Health Professions

Module type: Module

Pre-requisites: None

Excluded combinations: None

Co-requisites: None

Continuing professional development: No

Professional, statutory or regulatory body requirements: None

Part 2: Description

Overview: This module provides students with an underpinning knowledge of maths. Students will develop their ability and confidence in applying basic mathematic methods to common tasks in a health and social care setting.

Features: Not applicable

Educational aims: This module aims to provide students with the confidence and capability with applying basic mathematic methods to common tasks in a healthcare

setting.

The module syllabus contributes to the following Educational themes for this programme: Academic Development and Enquiry, and Personal and Professional Skill Development.

Outline syllabus: The syllabus will typically include:

Numbers:

Order of operation

Decimal and fraction calculations

Significant figures and decimal places

Conversion metric and imperial systems

Basic algebraic operations including substitution and rearranging formulae

Area and volume of basic polygons including:

Angle theory including basic trigonometric ratios

Finding an angle or side given sufficient information

Simple data collection including:

Primary and secondary data

Discrete and continuous data Different types of averages, range

Plotting linear graphs.

Part 3: Teaching and learning methods

Teaching and learning methods: A variety of in-person and online learning and teaching methods may be used which could include lectures, seminars, workshops, small group sessions and 1:1 support.

Independent learning includes hours engaged with essential reading, research, and assignment preparation and completion.

Module Learning outcomes: On successful completion of this module students will achieve the following learning outcomes.

MO1 Demonstrate a working knowledge of arithmetic operations including integers, decimals and fractions and percentages.

MO2 Apply the basic principles of geometry and trigonometry to solve simple problems.

MO3 Apply simple data collection and use data to perform simple calculations.

Hours to be allocated: 150

Contact hours:

Independent study/self-guided study = 100 hours

Face-to-face learning = 50 hours

Reading list: The reading list for this module can be accessed at readinglists.uwe.ac.uk via the following link

<https://eur01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fuwe.rl.talis.com%2Flists%2FA5E3366B-A157-ABE1-FD26-C00C75BE4BE0&data=05%7C02%7Cgeorge3.young%40uwe.ac.uk%7C3561832d8e364a9e048708dd62469423%7C07ef1208413c4b5e9cdd64ef305754f0%7C0%7C0%7C638774777458405505%7CUnknown%7CTWFpbGZsb3d8eyJFbXB0eU1hcGkiOnRydWU%3D%7C0%7C%7C%7C&sdata=iSfTxRCSxHAY%2BtA1iBGV5oFCNjBbOXrlo%2B8vFml0uHI%3D&reserved=0>

Part 4: Assessment

Assessment strategy: Assessment task:

1.5 hour invigilated examination. The exam will employ a variety of question formats to evaluate the range of delivered module content.

Rationale:

This assessment method is informed by evidence from GCSE mathematics (this is the level taught on this programme) which indicates that 'coursework' does not fully assess mathematical skills and does not represent a fair reflection of students' ability in this subject.

Formative assessment :

Regular formative assessment opportunities will take place throughout the module delivery to enable students to gauge their progress and learning to date. Such activities might include in class tasks and mock exam papers.

Assessment tasks:**Examination (First Sit)**

Description: 1.5 hour invigilated examination

Weighting: 100 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3

Examination (Resit)

Description: 1.5 hour invigilated examination

Weighting: 100 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3

Part 5: Contributes towards

This module contributes towards the following programmes of study:

Health Professions [COBC] WITHDRAWN Found 2025-26

Foundation Programme for Professions in Health and Social Care [City of Bristol
College] Found 2025-26