International Year One in Computing at UWE Bristol's International College: module information

For degree entry from September 2020

ALL STUDENTS WILL STUDY THE FOLLOWING MODULES TO GAIN A SOLID BASE OF SKILLS:

- **English for Academic Purposes**
- **Data Base Design & Implementation**
- **Programming C/C+**
- **Principles of Computing**
- **Computer Architecture**
- **Web Programming**
- **Digital Evidence**

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YOU'LL TAKE PART IN PERSONAL DEVELOPMENT ACTIVITIES DURING YOUR COURSE, DESIGNED TO BOOST YOUR EMPLOYABILITY, CONFIDENCE AND INDEPENDENCE, AND HELP YOU MAKE NEW FRIENDS.

EXTRA MODULES TO HELP YOU REACH UNIVERSITY: 2.5 AND 3-TERM COURSES

IF YOU'RE TAKING A 2.5 OR 3-TERM COURSE, YOU'LL STUDY THE RELEVANT MODULES ABOVE, AND 1 SET OF MODULES LISTED IN THE TABLE BELOW, DEPENDING ON YOUR ENGLISH LANGUAGE LEVEL.

IF YOU HAVE AN ENGLISH LANGUAGE LEVEL THAT'S BELOW UKVI IELTS 5.5:	IF YOU HAVE AT LEAST UKVI IELTS 5.5 OR EQUIVALENT, OR DON'T NEED TO TAKE AN IELTS TEST:
• **English for Academic Study 3** • **Independent and Collaborative Study** • **Reading and Writing 3** • **Speaking and Listening 3**	• **Critical Reading, Writing and Reasoning for Higher Education** • **Independent and Collaborative Study** • **Preparatory Mathematics** • **Preparatory Science**

YOU'LL ALSO HAVE ADDITIONAL PERSONAL DEVELOPMENT ACTIVITIES.

EXTRA MODULES TO HELP YOU REACH UNIVERSITY: 3.5 AND 4-TERM COURSES

IF YOU'RE TAKING A 3.5 OR 4-TERM COURSE, YOU'LL STUDY ALL THE RELEVANT MODULES ABOVE, PLUS:

- **English for Academic Study 2**
- **Reading and Writing 2**
- **Speaking and Listening 2**
- **Study Skills Preparation**

YOU'LL ALSO HAVE ADDITIONAL PERSONAL DEVELOPMENT ACTIVITIES.

MODULE SUMMARIES – DETAILS OF WHAT YOU'LL STUDY

English for Academic Purposes
Develop your English to the level you need for university study, and to really get involved in academic discussions.

Database Design & Implementation
This module will introduce students to the required underpinning knowledge, and theories of database design.

Programming C/C+
This module introduces the skills required to develop a computer program using C/C+ to solve a given problem.

Principles of Computing
The module introduces the concepts and principles behind hardware and software systems.

Computer Architecture
The module will introduce the students to the structure and components of a computer system

Digital Evidence
The module will introduce the students to the knowledge required with regards to computer crime and digital evidence

Web Programming
This module provides the basic principles required for the creation and maintenance of a data base driven web application.

EXTRA MODULES FOR 2.5 AND 3-TERM COURSES

Critical Reading, Writing and Reasoning for Higher Education
Enhance your ability to read and understand complex ideas in English, and to compose convincing written arguments.

English for Academic Study 3
Expand your knowledge of English grammar and vocabulary to the level required for degree study.

Independent and Collaborative Study
Work individually and in teams on an academic task, and practise applying your subject knowledge and study skills.

Preparatory Mathematics
Develop your numeracy skills, including algebra, geometry and graphs.

Preparatory Science
Gain an introduction to core scientific knowledge, and subject-specific language required to study the sciences.

Reading and Writing 3
Develop your English reading and writing skills to a sufficient level to communicate complex ideas.

Speaking and Listening 3
Improve your ability to listen and speak in English, allowing you to fully engage with academic topics.

EXTRA MODULES FOR 3.5 AND 4-TERM COURSES

English for Academic Study 2
Improve your English grammar and vocabulary in order to communicate in an academic environment.

Reading and Writing 2
Develop your English reading and writing so that you can understand and articulate ideas and reasoning.

Speaking and Listening 2
Practise listening and speaking so that you are better prepared for academic debate and discussion.

Study Skills Preparation
Gain an introduction to the wide range of skills and strategies you'll need to succeed at university, such as research methods and using and citing sources.

PERSONAL DEVELOPMENT ACTIVITIES (ALL COURSE LENGTHS)

Digital and employability skills
Outside of your academic learning, you'll also be taught skills that will be useful at university and later in life. You will receive help in making the most of your creativity, improving your communication and developing your digital skills. We will also help you build a CV, portfolio and online profile to empower you after you graduate.

Social network
Forming a strong social network can be hugely beneficial, even if it's just to discuss and debate ideas. Not only will you get to know your classmates, you'll also have opportunities to join professional organisations, and network with students and industry professionals: something that can be really beneficial when you go on to start your career.

Culture and activities
We'll help you have a hugely beneficial cultural and social experience, and encourage you to explore different activities, sports, crafts and more. You might learn about local history and culture or develop your wider subject knowledge and understanding of related industries.

Note: this information refers to courses that will run in the 2019-20 academic year and is correct at the time of publication. Published October 2018.