

# **University of Plymouth**

Academic Partnerships

Exeter College

## **Programme Specification**

HND Computing  
2022 FT  
2024 PT

March 2020

**1. HNC/HND**

**Final award title**      HND Computing

**UCAS code: I099**

**HECOS:** 100366 Computer Sciences

**2. Awarding Institution:**      University of Plymouth

**Teaching institution(s):**      Exeter College

**3. Accrediting body(ies)**      N/A

**4. Distinctive Features of the Programme and the Student Experience**

- Small group sizes in a supportive environment
- Opportunities to gain Microsoft Technical Associate qualifications alongside the programme
- Access to Computer Lab and high specification computer rooms for teaching and learning
- Employer responsive curriculum supported by employer mentoring programme
- City based location creates opportunities for access to cutting edge technology and big data sources
- Specialist curriculum focus on Cyber Security and Cloud Technologies
- Staff actively engaged in industry supported by wider ongoing CPD
- Progression agreement to BSc (Hons) Computing with the University of Plymouth

## 5. Relevant QAA Subject Benchmark Group(s)

- Computing QAA Subject Benchmark Statement February 2016

## 6. Programme Structure

### Full Time Option:

	Module Code <sup>1</sup>	Module Title	Credits	Trimester	Compensatable
Year 1	EXCE1157	Computational Thinking	20	1	Y
	EXCE1158	Computer Systems & Control	20	1	Y
	EXCE1159	Databases & Information Systems	20	2	Y
	EXCE1160	Business Intelligence & Big Data	20	2	Y
	EXCE1161	Software Development	20	3	Y
	EXCE1162	Fundamentals of Computer Networking	20	3	Y
Year 2	EXCE2027	Servers & Cloud Computing	20	1	Y
	EXCE2028	Artificial Intelligence	20	1	Y
	EXCE2029	Cyber Security	20	2	Y
	EXCE2030	Object Oriented Programming	20	2	Y
	EXCE2031	Workplace Learning	20	3	Y
	EXCE2032	Website Development	20	3	Y

### Part Time Option:

	Module Code <sup>2</sup>	Module Title	Credits	Trimester	Compensatable
Year 1	EXCE1157	Computational Thinking	20	1	Y
	EXCE1159	Databases & Information Systems	20	2	Y
	EXCE1161	Software Development	20	3	Y
Year 2	EXCE1158	Computer Systems & Control	20	1	Y
	EXCE1160	Business Intelligence & Big Data	20	2	Y
	EXCE1162	Fundamentals of Computer Networking	20	3	Y
Year 3	EXCE2027	Servers & Cloud Computing	20	1	Y
	EXCE2030	Object Oriented Programming	20	2	Y
	EXCE2032	Website Development	20	3	Y
Year 4	EXCE2028	Artificial Intelligence	20	1	Y
	EXCE2029	Cyber Security	20	2	Y
	EXCE2031	Workplace Learning	20	3	Y

## **7. Programme Aims**

The aims of the course are:

1. To develop insight and understanding of computing eco-systems and equip students with the relevant skills to respond to the opportunities and challenges presented on a local to global level.
2. To facilitate work-based opportunities for students to develop the skills, techniques and personal attributes essential for successful working lives.
3. To provide opportunities for students to achieve vendor accredited certifications.
4. To equip students to enter or progress in employment in computing, or higher education qualifications such as an Honours degree in computing or a related area.

## **8. Programme Intended Learning Outcomes**

### **8.1. Knowledge and understanding**

On successful completion graduates should have developed knowledge and understanding of:

1. Underlying theoretical concepts and principles of computing
2. How to synthesise coding, networking, data analysis and security solutions
3. The value of computing data, processes and security to the wider industry

### **8.2. Cognitive and intellectual skills**

On successful completion graduates should have developed:

1. The ability to interpret and evaluate data, e.g. pattern recognition, to inform and develop lines of argument
2. How to process information and use cognitive adaptability to find appropriate solutions to problems
3. The analytical and evaluative skills required of a reflective practitioner

### **8.3. Key and transferable skills**

**On successful completion graduates should have developed the ability to:**

1. Apply the moral principles of Computer Ethics to further study and/or the workplace
2. Apply appropriate tools/methods to create effective solutions to problems
3. Communicate effectively in a variety of formats appropriate to the situation, including critical evaluation and as part of a team

#### **8.4. Employment related skills**

On successful completion graduates should have developed:

1. Enhanced employment specific qualities and skills for modern workplace.
2. The ability to form a professional connection with technical and non-technical audiences
3. The ability to apply project management methodologies in a professional setting

#### **8.5. Practical skills**

On successful completion graduates should have developed:

1. The ability to plan and design solutions to a variety of problems
2. The skills to produce solutions to meet user specification
3. The ability to test, evaluate and refine work using recognised subject standards

### **8. Admissions Criteria, including APCL, APEL and Disability Service arrangements**

<b>Entry Requirements for HND Computing</b>	
GCSE	Maths and English at Grade 4/C or above
A-level/AS-level	Minimum entry requirement is 64 UCAS points

BTEC National Diploma/QCF Extended Diploma	Minimum grade of MPP which is equivalent to 64 UCAS points from a Computing or Maths subject
Access to Higher Education at level 3	Access to HE Diploma with a minimum Pass grade overall from a Computing or Maths subject
Apprenticeships	Level 3 apprenticeship pass in associated subject
Welsh Baccalaureate	Minimum grade C at level 3 including a Computing or Maths subject
Scottish Qualifications Authority	National Certificate or Scottish Highers with equivalent to 64 UCAS points in Computing or Maths based subject
Irish Leaving Certificate	64 UCAS points from a minimum of 3 Higher Level grades including Computing or Maths subject
APEL / APCL possibilities	Prior experience within the industry or partial completion of other relevant level 4/5 qualifications will be considered on an individual basis
Disclosure and Barring Service Required	None required
Disability Service Arrangements	The Disabled Students Allowance (DSA) advisor will support your application and assessment of needs. Upon receipt of your Needs Assessment, all reasonable adjustments and support will be put in place to support your studies. In addition, there is a counsellor on campus with whom appointments can be made directly.

## **9. Progression Routes**

The progression route to the University of Plymouth will be to the BSc (Hons) Computing at level 6. Students can apply to other institutions for a preferred top-up option.

## **10. Non Standard Regulations**

N/A

## **11. Transitional Arrangements**

N/A

## **Appendices**

- Programme Specification Mapping (UG) – core/elective modules

