Ms. Droso Lavithi
Education Officer
Cyprus Agency of Quality Assurance and Accreditation in Higher Education
Lemesou Avenue 5
2112, Lefkosia
Cyprus

17 June 2026

Dear Ms. Lavithi,

**Changes to the BSc (Hons) Computer Science programme offered at Ledra College**

On behalf of the Faculty of Business and Technology, I am writing to inform you of changes to the University of Sunderland BSc (Hons) Computer Science programme offered at Ledra College. The changes bring the course content to be in line with changes to the programme delivered at the University of Sunderland in the UK. Please find enclosed details of the changes, including the rationale for the changes and the programme structure at Ledra College.

The changes are due to come into effect at Ledra College from September 2026.

Should you require any further information, please do not hesitate to contact me via quality.partnerships@sunderland.ac.uk.

Yours sincerely,

S. Tully

Sophia Tully
Quality Manager
Academic Registry

*cc.* *Dr Dave Knapton, Associate Head of School, Faculty of Business and Technology*
*Mark Bennison, Computer Science Programme Leader, Faculty of Business and Technology*
*Dr James Scott, Academic Director of Transnational Education*
*Angela Mason, Head of International Business Support, International Office*
*Leigh-anne Hargreaves, Head of Quality, Academic Registry*
*Lyndsay Brown, Deputy Head of Quality (Partnerships)*

**EXPLANTATION AND RATIONALE FOR COMPUTER SCIENCE COURSE CHANGES**

The proposed transition from 20-credit to 30-credit modules, reducing the number of modules from six to four per academic year, aims to improve academic sustainability, enhance the student experience, and align with the Academic Sustainability Programme (ASP). The change will streamline curriculum delivery and provide students with a more cohesive learning.

The 30-credit modules allow for deeper exploration of subjects, making it easier for students to connect theory and practice. Fewer modules also enable a more integrated learning experience, encouraging interdisciplinary approaches and enhancing overall understanding. The move to 30-credit modules aligns with the ASP, aiming to create a more sustainable efficient and engaging learning environment. By reducing the number of modules, we enhance student experience, streamline curriculum delivery, and better prepare students for their future careers.

## COURSE DISTRIBUTION PER YEAR / SEMESTER – BSC (HONS) COMPUTER SCIENCE

| A/A | Course Type | Course Name | Course Code | Periods per week | Period duration | Number of weeks/semester | Total periods/semester | UK Credits / ECTS |
|---|---|---|---|---|---|---|---|---|
| **YEAR 1: SEMESTER 1** | | | | | | | | |
| 1. | Compulsory | Programming and Software Development | CET1004 | 3 | 12 x2 hour lecture<br>12 x3 hour practical<br>12 x1 hour seminar | 12 | 36 | 30 / 15 |
| 2. | Compulsory | Computer Systems & Networks | CET1000 | 3 | 12 x2 hour lecture<br>12 x3 hour practical<br>12 x1 hour seminar | 12 | 36 | 30 / 15 |
| **YEAR 1: SEMESTER 2** | | | | | | | | |
| 3. | Compulsory | Cybersecurity | CET1001 | 3 | 12 x1 hour lecture<br>12 x4 hour practical<br>12 x1 hour seminar | 12 | 36 | 30 / 15 |
| 4. | Compulsory | Full Stack Web Development | CET1002 | 3 | 12 x2 hour lecture<br>12 x3 hour practical<br>12 x1 hour seminar | 12 | 36 | 30 / 15 |

**YEAR 2: SEMESTER 1**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 5. | Compulsory | Systems Design & Development | CET2007 | 3 | 12 x2 hour lecture<br>12 x3 hour practical<br>12 x1 hour seminar | 12 | 36 | 30 / 15 |
| 6. | Compulsory | Artificial Intelligence | CET2001 | 3 | 12 x2 hour lecture<br>12 x3 hour practical<br>12 x1 hour seminar | 12 | 36 | 30 / 15 |

**YEAR 2: SEMESTER 2**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 7. | Compulsory | Industrial Project | CET2004 | 2 | 12 x2 hour lecture<br>12 x4 hour workshop | 12 | 24 | 30 / 15 |
| 8. | Compulsory | Database Systems & Data Analytics | CET2002 | 3 | 12 x2 hour lecture<br>12 x3 hour practical<br>12 x1 hour seminar | 12 | 36 | 30 / 15 |

**YEAR 3: SEMESTER 1**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 9. | Compulsory | Enterprise Software Engineering | CET3016 | 3 | 12 x2 hour lecture<br>12 x3 hour practical<br>12 x1 hour seminar | 12 | 36 | 30 / 15 |
| 10. | Compulsory | Robotics | CET3004 | 2 | 12 x2 hour lecture<br>12 x4 hour practical | 12 | 24 | 30 / 15 |

**YEAR 3: SEMESTER 2**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 11. | Compulsory | Computing Project | CET3011 | 3 | 12 x2 hour lecture<br>12 x3 hour seminar<br>12 x0.5 hour tutorial | 12 | 36 | 30 / 15 |
| 12. | Compulsory | Deep Learning | CET3013 | 3 (weeks 2, 5, 8 and 11)<br>2 (weeks 1, 3, 4, 6, 7, 9, 10 and 12) | 12 x2 hour lecture<br>12 x4 hour practical<br>4 x1 hour seminar | 12 | 28 | 30 / 15 |