

Updates to BEng Computer Science DPT (for BCS accreditation)

For BoS information only; actions required by ISS.

Summary

The School went through a BCS accreditation process in autumn 2021 for our BEng Computer Science programme. (Accreditation was not sought for our other degree programmes.)

The requirements for degree accreditation by BCS are stricter than the University's requirements for students to achieve a degree award. In particular,

- There are certain courses that must be passed (to demonstrate achievement of particular learning outcomes);
- Only 30 credits may be awarded on aggregate; and
- Credits may not be awarded on aggregate for a course if the mark is below 30%.

The accreditation group has agreed with BCS and Teaching Exec that we will ensure that students on the BEng Computer Science meet these requirements by:

- Informing students and PTs of the requirements by adding notes to the DPT (the text of the notes is given below under ISS actions); and
- Checking at the UG3 and UG4 BoE that students fulfill the requirements.

Students who fulfill the standard University requirements to progress or achieve an award, but do not fulfill the BCS requirements will be permitted to transfer to the BSc Computer science (which has the same DPT as the BEng but is not accredited by BCS).

ISS Actions Required

Notify UG3 and UG4 BoE convenors

ISS should ensure that BoE convenors are made aware of these changes and check them at the relevant boards.

Add notes to the DPT (BEng Computer Science only)

1. Add "must be passed" rule to the following courses on this programme: INFR10022 Professional Issues, INFR09051 Informatics Large Practical, INFR09032 System Design Project, INFR10044 Honours Project.

2. Add Note to year 3:

Students must meet all the programme learning outcomes specified in the Engineering Council's AHEP (Accreditation of Higher Education Programmes) to Graduate with BEng Computer Science. In particular:

- A maximum of 30 credits can be compensated (awarded "on aggregate") in total across years 3 and 4. The minimum mark where compensation can be applied is 10% below the nominal course pass mark; students must therefore score at least 30% for a course with a pass mark of 40% in order to be eligible for compensation.

- INFR10022 Professional Issues, INFR09051 Informatics Large Practical, INFR09032 System Design Project must be passed without compensation.

Students who do not meet these criteria, but who do meet the University criteria to pass the year, will be permitted to switch to the BSc Computer Science in order to achieve an honours degree award.

3. Add Note to year 4:

Students must meet all the programme learning outcomes specified in the Engineering Council's AHEP (Accreditation of Higher Education Programmes) to Graduate with BEng Computer Science. In particular:

- A maximum of 30 credits can be compensated (awarded "on aggregate") in total across years 3 and 4. In the final year of programme normally only 20 out of 120 credits may be compensated. The minimum mark where compensation can be applied is 10% below the nominal course pass mark; students must therefore score at least 30% for a course with a pass mark of 40% in order to be eligible for compensation.

- INFR10044 Honours Project must be passed without compensation.

Students who do not meet these criteria, but who do meet the University criteria to pass the year, will be permitted to switch to the BSc Computer Science in order to achieve an honours degree award.