

Course title: Sustainable Computing

Course code: 63777

ECTS: 6

Professor: assoc. prof. dr. Mojca Ciglarič and assoc. prof. dr. Veljko Pejović

Undergraduate program

Prerequisite knowledge:

None

Short course description:

Computing has a massive impact on the planet, with the CO₂ footprint of computing already comparable to that of the aviation industry. There is an urgent need for computing solutions to be developed not merely by programmers, but by interdisciplinary experts capable of wider critical evaluation. This innovative course aims to equip you with interdisciplinary skills needed to understand the impact of computing, holistically assess the resource usage of computing solutions, predict potential negative effects, and ensure the sustainability certification of such solutions. The course blends traditional teaching, debates and workshops and features a semester-long project.