Last name(s): Academic year: 2024/2025

The Sending Institution: Charles University

The Receiving Institution: Trinity College Dublin

Planned period of the mobility: From: 01/09/2024 Till: 20/12/2024

## **Table A: Proposed study programme abroad**

|          | Component title as indicated in the course catalogue at the receiving institution | ECTS credits | Semester |
|----------|---|--------------|----------|
| CSU33081 | Computational Mathematics   | 4            | autumn   |
| CSU44001 | Fuzzy Logic and Control Systems   | 5            | autumn   |
| CSU22061 | Intermediate Programming  | 5            | autumn   |
| CSU44061 | Machine Learning  | 8            | autumn   |
| MAU23205 | Ordinary Differential Equations   | 5            | autumn   |
| Total:   |   | 27           |          |

## Table B: Educational components in the student's degree which will be replaced by the study abroad

| Component code (if any) | Component title at CU                                   | ECTS<br>credits       | Semester | P/<br>PV/<br>V | Academic<br>Tutor<br>Signature |
|-------------------------|---|-----------------------|----------|----------------|--------------------------------|
| NPFL129                 | Introduction to Machine Learning with Python (CSU44061) | 5 kredity             | autumn   | PV             |                                |
| NMAI042                 | Numerical Mathematics (CSU33081)                        | 5 za naše<br>předměty | spring   | PV             |                                |
| CSU44001                | Fuzzy Logic and Control Systems                         | 5                     | autumn   | V              |                                |
| CSU22061                | Intermediate Programming                                | 5                     | autumn   | V              |                                |
| MAU23205                | Ordinary Differential Equations                         | 5                     | autumn   | V              |                                |
| Total:                  |   | 25                    |          |                |                                |

| provisions will apply:   |  |
|--|--|
|  |  |
| [please specify or provide a weblink to the relevant information.] |  |

## Web link to the course catalogue at the receiving Language competence of the student institution:

https://www.tcd.ie/students/orientation/visiting-exchange/module-enrolment/full-year-and-semester-1/

The level of language competence in English that the student already has or agrees to acquire by the start of the study period (for the above-mentioned dates) is: C1