



Course offer Information & Communication Technology

Academic year 2024-2025

INFORMATION & COMMUNICATION TECHNOLOGY

Information and Communication Technology (ICT) focuses on a hands-on approach, with real-life cases involving Software Engineering, Data Science, and Business IT Consulting. You will learn how to come up with new digital solutions to real company problems, you will develop solutions, and you will understand the technology involved. We welcome exchange students in our Autumn and/or Spring semester.

COURSE OFFER ACADEMIC YEAR 2024-2025

In the Autumn semester, the ICT programme for incoming exchange students like you consists of a single ICT package (Digital Innovation & Transformation) of 30 EC. The courses are mainly taken by regular HZ 2nd year ICT students. If you need less than 30EC, you can drop some of the courses. We also offer the [Applied AI and Ethics semester programme](#) in the Fall semester.

In the Spring semester, the ICT programme for incoming exchange students like you consists of a single ICT package (Data Science with Software Engineering) of 30 EC. The courses are mainly taken by regular HZ 2nd year ICT students. If you need less than 30EC, you can drop some of the courses. We also offer the [Applied Data Science semester programme](#) in the Spring semester.

For a brief overview, see next page.

COURSES ESPECIALLY FOR EXCHANGE STUDENTS

- **Course Dutch Culture & Language 2 ECTS**
This class helps you to become knowledgeable in basic Dutch and introduces you to Dutch culture and history.

TIMELINE OF HZ UAS ICT COURSES AND TESTS

Under Dutch law, every student is entitled to re-sit each test once per year. It is crucially important that you do not schedule your homeward travel home for before the re-sit opportunity. Test dates are usually finalised three to four weeks in advance. Test weeks however are already known now. The full year plan can be found [here](#).

- Introduction week fall semester: from Monday 26th of August 2024.
- Start classes fall semester: from Monday 2nd of September.
- Christmas break: expect your last classes on 20th December 2024 and the first on 6th of January 2025.
- End of fall semester: 31st of January 2025
- Introduction day spring semester: Friday 31st of January 2025
- Start classes spring semester: Monday 3rd of February 2025
- End of spring semester: 4th of July 2025

YOUR CONTACT PERSONS AT HZ



Mr. Greg Elliott
Dept of ICT
elli0006@hz.nl
Office GW3.14



Ms. Evelien Clemminck
Incoming exchange coordinator
evelien.clemminck@hz.nl
Office L1.06 Vlissingen: Monday, Tuesday and Thursday
Office GW018 Middelburg: Wednesday and Friday

FALL SEMESTER: DIGITAL INNOVATION & TRANSFORMATION

Course Code	Course Name	ECTS	Quarter	Year of HZ ICT Curriculum
Core Subjects	Continuous Integration	5.0	1/2	2
	User Value Exploration	10.0	1	2
	User Value Creation	5.0	2	2
	Sub-total:	20.0		
SE Track	<i>(Software Engineering)</i>			
	Software Design	5.0	2	2
DS/BIC Track	<i>(Data Science & Business Consultancy)</i>			
	Data-Driven Business	5.0	2	2
	Data Management & Governance	5.0	2	4
	Sub-total:	10.0		
Other	<i>(Professional Development)</i>			
	Dutch Language & Culture	2.0	1	2
	IT Personality 3 & 4	2.5	1/2	2
	Project Week	1.25	1	2
	Sub-total:	5.75		

COURSE DESCRIPTIONS

The full description of the courses can be found at the following link: <https://hz.nl/en/about-hz/rules-and-regulations> under “Regulations study programmes”.

SPRING SEMESTER: DATA SCIENCE WITH SOFTWARE ENGINEERING

Course Code	Course Name	ECTS	Quarter	Year of HZ ICT Curriculum
CU75073	Data-driven Decision-making Project	10	1	2
CU75028	Cloud Computing	5	1	2
CU75074	Data Science / AI	7.5	2	2
CU75027	Data Visualisation	5	2	2
CU75060	IT Personality	2.5	1/2	2
	Total	30		

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