



## **Module Specification**

### **Master Thesis [TSI]**

Version: 2023-24, v1.0, 04 Feb 2022

#### **Contents**

<b>Module Specification .....</b>	<b>1</b>
<b>Part 1: Information .....</b>	<b>2</b>
<b>Part 2: Description .....</b>	<b>2</b>
<b>Part 3: Teaching and learning methods .....</b>	<b>3</b>
<b>Part 4: Assessment.....</b>	<b>4</b>
<b>Part 5: Contributes towards .....</b>	<b>5</b>

## Part 1: Information

**Module title:** Master Thesis [TSI]

**Module code:** UFCEK1-60-M

**Level:** Level 7

**For implementation from:** 2023-24

**UWE credit rating:** 60

**ECTS credit rating:** 30

**College:** College of Arts, Technology and Environment

**School:** CATE School of Computing and Creative Technologies

**Partner institutions:** Transport and Telecommunication Institute

**Field:** Computer Science and Creative Technologies

**Module type:** Module

**Pre-requisites:** None

**Excluded combinations:** None

**Co-requisites:** None

**Continuing professional development:** No

**Professional, statutory or regulatory body requirements:** None

## Part 2: Description

**Overview:** In this module, students are required to undertake research in a topic of relevance to their main field of study.

**Features:** Not applicable

**Educational aims:** The Master thesis is a final work which is prepared by the student under the supervision of a dedicated member of academic staff. The

objective is to ensure that that the student has acquired the skills, knowledge and competences expected of a Masters graduate.

**Outline syllabus:** Within the framework of the module, students will explore different ways of finding information, defining the scope of a project and doing research, as well as different ways of presenting and communicating results

### **Part 3: Teaching and learning methods**

**Teaching and learning methods:** Students are assigned an individual supervisor who guides the execution of the master thesis, provides recommendations to the student and helps in case of any issues. The number of meetings between supervisor and student is not fixed, and these may be organised by either the student or the supervisor. Communication and consideration of work may be via the LMS or email. All administrative information for students is published in a specific section of the LMS (dates, templates, applications etc).

**Module Learning outcomes:** On successful completion of this module students will achieve the following learning outcomes.

**MO1** Build upon knowledge in the main field of study, including both broad knowledge of the field and a considerable degree of specialised knowledge in certain areas of the field as well as insight into current research and development work;

**MO2** Undertake specialised research in the main field of study building on existing research and knowledge.

**MO3** Critically and systematically integrate knowledge and analyse, assess and deal with complex phenomena, issues and situations even with limited information

**MO4** Identify and articulate issues critically, independently and creatively, and plan and use appropriate methods to undertake advanced tasks within predetermined time frames, demonstrating the ability to contribute to the formation of knowledge and to evaluate research

**MO5** Draw conclusions and discuss the thesis' theoretical contribution to the selected research area, suggesting practical recommendations for relevant stakeholders.

**MO6** Present proposals for future studies based on the conducted study.

**MO7** Report research clearly in speech and writing and discuss conclusions and the knowledge and arguments on which they are based in dialogue with different audiences, both in a national and international context

**MO8** Participate in research and development work or carry out independent work in other advanced contexts

**Hours to be allocated:** 600

**Contact hours:**

Independent study/self-guided study = 800 hours

Total = 800

**Reading list:** The reading list for this module can be accessed at [readinglists.uwe.ac.uk](https://rl.talis.com/3/uwe/lists/274676C6-8A6D-F20F-8C89-3313617D6E63.html?lang=en-gb&login=1) via the following link <https://rl.talis.com/3/uwe/lists/274676C6-8A6D-F20F-8C89-3313617D6E63.html?lang=en-gb&login=1>

## **Part 4: Assessment**

**Assessment strategy:** This module is assessed through two parts.

Student will undertake a written Thesis on a topic of their choice. Once submitted students are required to defend their thesis through the use of a viva.

The resit will be the same as the main sit.

**Assessment tasks:**

**Final Project** (First Sit)

Description: Thesis and Viva. Students must complete the Viva

Weighting: 100 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4, MO5, MO6, MO7, MO8

**Final Project (Resit)**

Description: Thesis and Viva, Students must complete the Viva

Weighting: 100 %

Final assessment: Yes

Group work: No

Learning outcomes tested: MO1, MO2, MO3, MO4, MO5, MO6, MO7, MO8

**Part 5: Contributes towards**

This module contributes towards the following programmes of study:

Computer Science (Data Analytics and Artificial Intelligence) {Double Degree} [TSI]  
MSc 2022-23