



Module Specification

Master Thesis [TSI]

Version: 2022-23, v1.0, 26 Oct 2021

Contents

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

Part 1: Information

Module title: Master Thesis [TSI]

Module code: UFCEK1-60-M

Level: Level 7

For implementation from: 2022-23

UWE credit rating: 60

ECTS credit rating: 30

Faculty: Faculty of Environment & Technology

Department: FET Dept of Computer Sci & Creative Tech

Partner institutions: Transport and Telecommunication Institute

Delivery locations: Transport and Telecommunication Institute Latvia

Field: Computer Science and Creative Technologies

Module type: Project

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 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 components:

Final Project - Component A (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 - Component A (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}
[Feb][FT][TSI][2yrs] MSc 2021-22