

Learning Contract for the Mobility Semester

Home University: Comenius University Bratislava

Student Name: Igor Lacik

Immatriculation Nr.: 1404744

Study Programme ID: A 066 013

Host University: University of Vienna

This learning contract ensures that the ECTS credits the MEi:CogSci student acquires at the host university will be accredited at the home university.

In order to make this contract valid, please follow the procedure/steps listed below:

A Preparation Phase at the home university

- 1.) **Negotiation of Special Topic of Interest Module(s):** The student negotiates the *special topic of interest/phenomenon* (i.e., a cognitive phenomenon) he/she wants study and the way how he/she wants to study it (i.e., a combination of courses, lab work, self-study, literature used) with the supervisor and/or local coordinator at the *host* university.
- 2.) **Concrete plan of the project:** The student fills in the subject specific learning outcomes which he/she will have acquired after completing the module and specifies the work-plan for the module (elements of module, milestones, deliverables, dates,...) according to the negotiations with the supervisor at the host university.
- 3.) **Acknowledgement of the supervisor:** The supervisor checks and verifies the contract; by sending it (in digital version) to the local coordinator at the *home* university of the student (+ cc to the student) the supervisor acknowledges that he/she accepts the proposal
- 4.) **Approval by the home university:** The local coordinator at the home university approves it or requests changes (go back to step 2)
- 5.) **Signature of student**

B Mobility phase at the host university

- 6.) **Planning of studies and courses at the host university:** Student fills out the semester contract in negotiation with local coordinator
- 7.) **Grade for the project, signature & stamp of supervisor at host university** (at end of semester at host university)

C Grading & acknowledgement phase at home university

- 8.) **Final grading & acknowledging:** Signed contract & certificates/transcripts are returned to local coordinator at *home* university, who accredits the contract.

SEMESTER CONTRACT

S-I-CS New Trends in Cognitive Science Module 10 ECTS

Course Title	Course Type (e.g. lecture, seminar,...)	ECTS	Grade (host)	Grade (home)
New Trends in Cognitive Science	lecture <i>seminar</i>	6	<i>2</i>	
Journal Club	seminar	4	<i>3</i>	
Module Grade				

S-I-PJ Special Topic of Interest (Project) Module 10 ECTS

Project Title	Supervisor	ECTS	Grade (host)	Grade (home)
User Interface for describing „Needs“ for the „Web of Needs“	DI Florian Kleedorfer	10	<i>1</i>	
Course Title	Course Type (e.g. lecture, seminar,...)	ECTS	Grade (host)	Grade (home)
Module Grade				


S-I Special Topic of Interest Module 5 ECTS

Course Title	Course Type (e.g. lecture, seminar,...)	ECTS	Grade (host)	Grade (home)
SE Happiness Hypotheses, Traditional Wisdom and Contemporary Research Findings	seminar	5	<i>1</i>	
Module Grade				

W-D-C Elective Module 5 ECTS

Course Title	Course Type (e.g. lecture, seminar,...)	ECTS	Grade (host)	Grade (home)
VO The happy human being	lecture	2	<i>1</i>	
VO Animal Social Cognition	lecture	3	<i>1</i>	
Module Grade				

4.3.2015
 Date, Stamp & Signature of Local Coordinator



 Date, Stamp & Signature of Local Coordinator



at *Host* University

at *Home* University

1.) SPECIAL TOPIC OF INTEREST

ECTS

Your first special topic of interest must include project work (to be specified in box 1.c). Beyond that it can include courses (to be specified in box 1.b).

(Everything written in italics has to be replaced by text specified by the student and supervisor.)

Name of Supervisor, Host University:

DI Florian Kleedorfer, Research Studios Austria Forschungsges.m.b.H

1.a

TOPIC OF SPECIALISATION Design and implementation of User Interface

PHENOMENON & (PERSONAL) GOALS

I will work on the implementation of the user interface for describing ontologies for the "Web of Needs" (WON) project.

The reason why I chose this project was because I have been gaining interest in the Semantic Web. I also enjoy designing and implementing the functionality of user interfaces for rich internet applications. This project gives me the opportunity to gain a deep understanding of the topic in a multidisciplinary team that applies the theoretical knowledge into a usable system.

To fulfill the requirements of the project I will need to integrate my cognitive and computer science skills. This will result in a usable prototype

LEARNING OUTCOMES

Subject specific

- The ability to integrate knowledge of cognitive science and programming in user interface design

Methodological

- Literature research on the topic of needs description
- Literature research on the topic Semantic Web
- Researching existing tools for ontology description
- Researching existing Semantic Web applications
- Implementation of a working prototype
- Qualitative testing of the implemented prototype

Instrumental

- Ability to write and follow a project plan

Interpersonal

- Teamcompetences:
 - Work within an interdisciplinary team
 - Deal with conflicts and different viewpoints
 - Moderating group work

Systemic

- Interdisciplinary work/thinking
- Project-oriented work and organisational skill
- Critical evaluation of approaches & methods
- Quick orientation & navigation in mother and/or novel complex field
- Change of viewpoint/perspectives (intellectual mobility)
- Phenomenon-oriented thinking
- Problem-solving abilities



1.b

LECTURE & COURSES

Please fill in the courses that are part of the module (in case there are some).

Course Title	Course Type	Discipline	ECTS

1.c

As part of your special topic of interest you will have to do project work. Please specify below the concrete plan and workflow of your project.

PROJECT

10 ECTS

Project Title User interface for describing "Needs" for the "Web of Needs" (WON) project

Short Project Description (300-500 characters)

For the "Web of Needs" (WON) project I will conduct research in order to propose and implement a user interface for describing individual user „Needs“.

The first stage of the project will consist of studying materials regarding Semantic Web, researching existing projects similar to the desired result and reviewing tools for ontology creation and management

The main deliverable of the project will be a working prototype implemented as a front end web application communicating with the WON server in order to provide a user-friendly interface for describing „Needs“.

Project Plan

In order to achieve the learning outcomes specified for the module I will take the following measures:

1.) Project steps:

Literature research 4 ECTS

The purpose and goal of it

To gain knowledge on the various aspects of Semantic web technologies, the theoretical knowledge on how people describe „Needs“ in order to propose a sufficient concept of the user interface for „Need“ ontology description.

Milestones

Finishing the literature research in the middle of November 2014.

Deliverables

Project journal

Planning the user interface functionality 2 ECTS

The purpose and goal of it

In iterative process propose ideas for the final version of the project prototype.

Milestones

Having an understanding agreement with the supervisors of the final project prototype in the end of November 2014.

Deliverables

- Functional specification of the prototype
- Sketch of the resulting prototype

Realisation of the working prototype 3 ECTS*The purpose and goal of it*

To implement a working prototype of the user interface for describing „Needs“

Milestones

The prototype should be implemented before the middle of December 2014

Deliverables

A working prototype (Front end part of the web application interacting with the WON server)

Data analysis & interpretation of data 1 ECTS*The purpose and goal of it*

To perform user tests and write a report on how users use the prototype.

Milestones

The end of December 2014

Deliverables

A short report describing how users use the prototype

Documentation of project (according to supervisor)

Activities regarding the documentation of the project will be created on an on-going basis and are included in the stages of the research project. In the final stage of the project I will design a presentation describing my work and it's findings and present it to my supervisor

Internal publication of project description and results (S-I-PJ report) on MEi:CogSci www-platform (3000-5000 characters; approved by supervisor)

Please also include the report in this part of the learning contract after the project is finished and before the supervisor signs and grades the project.

If you are not planning empirical work, you do not have to stick to the steps suggested above, but please negotiate a proper way of describing your project with your supervisor.

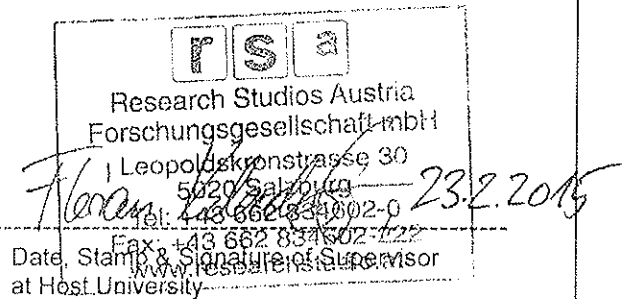
2.) Resources needed:

- weekly meetings with the project supervisor

Final Grade for the Project

A 1A

host grade/home grade
see grade conversion matrix on last page



I herewith confirm that I will follow the module plan in order to successfully complete the module.

Signature of Student

Grade Conversion Matrix

	BRAT		BUD		LIUB		VIE		2
A	výborne (excellent)	5	jeles (excellent)	10	odlično (excellent)	1	sehr gut (excellent)	5	(e
B	vel'mi dobre (very good)	4	jó (good)	9	prav dobro (very good)	2	gut (good)	4	v (v
C	dobre (good)	4	jó (good)	8	prav dobro (very good)	2	gut (good)	4	v (v
D	uspokojivo (satisfactory)	3	közepes (fair)	7	dobro (good)	3	befriedigend (satisfactory)	3	
E	dostatočne (sufficient)	2	elégséges (satisfactory)	6	zadostno (sufficient)	4	genügend (sufficient)	2	(sa (sa
F	nedostatočne (insufficient)	1	elégtelen (fail)	5	nezadostno (insufficient)	5	nicht genügend (insufficient)	1	ne (ins