



**National University of the Altiplano (UNA)**  
School of Computer Science  
Syllabus 2024-II

**1. COURSE**

CS403. Final Project II (Mandatory)

**2. GENERAL INFORMATION**

- 2.1 Course : CS403. Final Project II
- 2.2 Semester : 9<sup>th</sup> Semester.
- 2.3 Credits : 3
- 2.4 Horas : 2 HT; 2 HP;
  
- 2.5 Duration of the period : 16 weeks
- 2.6 Type of course : Mandatory
- 2.7 Learning modality : Face to face
- 2.8 Prerequisites : CS402. Capstone Project I. (8<sup>th</sup> Sem) CS402. Capstone Project I. (8<sup>th</sup> Sem)

**3. PROFESSORS**

Meetings after coordination with the professor

**4. INTRODUCTION TO THE COURSE**

This course aims at the student to conclude his thesis project.

**5. GOALS**

- That the student is in the capacity to formally present his thesis project with the theoretical framework and complete bibliographic survey.
- That the student master the state of the art of his area of research.
- The deliverables of this course are:

**Avance parcial:** Thesis plan progress including motivation and context, problem definition, objectives, schedule of activities up to the final thesis project and the state of the art of the topic addressed.

**Final:** Complete thesis plan and advancement of Thesis including theoretical framework chapters, related works and preliminary (formal or statistical) results oriented to your thesis topic.

**6. COMPETENCES**

) ()

) ()

) ()

) ()

) ()

6) Apply computer science theory and software development fundamentals to produce computing-based solutions. ()

7) Develop computational technology for the well-being of all, contributing with human formation, scientific, technological and professional skills to solve social problems of our community. ()

**7. TOPICS**

<b>Unit 1: Thesis project (30)</b>	
<b>Competences Expected:</b>	
<b>Topics</b>	<b>Learning Outcomes</b>
<ul style="list-style-type: none"> <li>• Thesis project.</li> </ul>	<ul style="list-style-type: none"> <li>• Description of the format used by the University for the thesis[Evaluat]</li> <li>• Conclude the thesis project plan[Evaluat]</li> <li>• Present the state of the art thesis topic(50%)[Evaluat]</li> </ul>
<b>Readings :</b> [ieee], [acm], [citeseer]	

<b>Unit 2: Thesis progress (30)</b>	
<b>Competences Expected:</b>	
<b>Topics</b>	<b>Learning Outcomes</b>
<ul style="list-style-type: none"> <li>• Thesis Progress.</li> </ul>	<ul style="list-style-type: none"> <li>• Description of the format used by the University for the thesis[Evaluat]</li> <li>• Conclude the chapter of the theoretical framework of the Thesis[Evaluat]</li> <li>• Complete the chapter on related works(35%)[Evaluat]</li> <li>• Plan, develop and present results (formal or statistical) of experiments oriented to your thesis topic (35%)[Evaluat]</li> </ul>
<b>Readings :</b> [ieee], [acm], [citeseer]	

## 8. WORKPLAN

### 8.1 Methodology

Individual and team participation is encouraged to present their ideas, motivating them with additional points in the different stages of the course evaluation.

### 8.2 Theory Sessions

The theory sessions are held in master classes with activities including active learning and roleplay to allow students to internalize the concepts.

### 8.3 Practical Sessions

The practical sessions are held in class where a series of exercises and/or practical concepts are developed through problem solving, problem solving, specific exercises and/or in application contexts.

## 9. EVALUATION SYSTEM

\*\*\*\*\* EVALUATION MISSING \*\*\*\*\*

## 10. BASIC BIBLIOGRAPHY