



Universidad Nacional de Ingeniería (UNI)

Escuela Profesional de
Ciencia de la Computación
Sílabo 2024-II

1. CURSO

CS404. Research Workshop (Mandatory)

2. INFORMACIÓN GENERAL

2.1 Curso	: CS404. Research Workshop
2.2 Semestre	: 10 th Semester.
2.3 Créditos	: 4
2.4 horas	: 8 HP;
2.5 Duración del periodo	: 16 semanas
2.6 Condición	: Mandatory
2.7 Modalidad de aprendizaje	: Face to face
2.8 Prerrequisitos	: CS403. Capstone Project III. (10 th Sem)

3. PROFESORES

Atención previa coordinación con el profesor

4. INTRODUCCIÓN AL CURSO

This course aims to enable students to complete properly their draft of thesis.

5. OBJETIVOS

- That the student completes this course with his thesis elaborated in sufficient quality as for an immediate support.
- That the student formally present the draft dissertation before the authorities of the faculty
- The deliverables of this course are:

Parcial: Advancement of the thesis project including in the document: introduction, theoretical framework, state of the art, proposal, analysis and / or experiments and solid bibliography.

Final: Full thesis document and ready to support in a period of no more than fifteen days.

6. RESULTADOS DEL ESTUDIANTE

- 1) Analyze a complex computing problem and apply principles of computing and other relevant disciplines to identify solutions. (Assessment)
- 2) Design, implement, and evaluate a computing-based solution to meet a given set of computing requirements in the context of the program's discipline. (Assessment)
- 3) Communicate effectively in a variety of professional contexts.. (Assessment)
- 4) Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles. (Assessment)
- 5) Function effectively as a member or leader of a team engaged in activities appropriate to the program's discipline. (Assessment)
- 6) Apply computer science theory and software development fundamentals to produce computing-based solutions. (Assessment)
- 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. (Assessment)

7. TEMAS

Unidad 1: Escritura del Borrador del trabajo de final de carrera (tesis) (60 horas)	
Resultados esperados:	
Temas	Objetivos de Aprendizaje (<i>Learning Outcomes</i>)
• Writing and correction of the work of end of career	• Experimental part completed (if appropriate to the project) [Evaluar] • Verify that the document complies with the thesis format of the course [Evaluar] • Delivery of the completed thesis draft and considered ready for public support (approval requirement)[Evaluar]
Lecturas : [IEE08], [Ass08], [Cit08]	

8. PLAN DE TRABAJO

8.1 Metodología

Se fomenta la participación individual y en equipo para exponer sus ideas, motivándolos con puntos adicionales en las diferentes etapas de la evaluación del curso.

8.2 Sesiones Teóricas

Las sesiones de teoría se llevan a cabo en clases magistrales donde se realizarán actividades que propicien un aprendizaje activo, con dinámicas que permitan a los estudiantes interiorizar los conceptos.

8.3 Sesiones Prácticas

Las sesiones prácticas se llevan en clase donde se desarrollan una serie de ejercicios y/o conceptos prácticos mediante planteamiento de problemas, la resolución de problemas, ejercicios puntuales y/o en contextos aplicativos.

9. SISTEMA DE EVALUACIÓN

***** EVALUATION MISSING *****

10. BIBLIOGRAFÍA BÁSICA

- [Ass08] Association for Computing Machinery. *Digital Library*. <http://portal.acm.org/dl.cfm>. Association for Computing Machinery, 2008.
- [Cit08] CiteSeer.IST. *Scientific Literature Digital Library*. <http://citeseer.ist.psu.edu>. College of Information Sciences and Technology, Penn State University, 2008.
- [IEE08] IEEE-Computer Society. *Digital Library*. <http://www.computer.org/publications/dlib>. IEEE-Computer Society, 2008.