



Universidad Nacional de Ingeniería (UNI)

Escuela Profesional de
Ciencia de la Computación
Sílabo 2024-II

1. CURSO

CS400FCCS. Pre-professional internships (Mandatory)

2. INFORMACIÓN GENERAL

2.1 Curso	:	CS400FCCS. Pre-professional internships
2.2 Semestre	:	9 th Semester.
2.3 Créditos	:	3
2.4 horas	:	2 HT; 2 HP;
2.5 Duración del periodo	:	16 semanas
2.6 Condición	:	Mandatory
2.7 Modalidad de aprendizaje	:	Face to face
2.8 Prerrequisitos	:	None

3. PROFESORES

Atención previa coordinación con el profesor

4. INTRODUCCIÓN AL CURSO

This course enables students to apply knowledge acquired during their academic training in a real work environment, under the supervision of a company and the university. Professional internships are essential to develop technical, ethical, and teamwork competencies, ensuring students gain hands-on experience in projects related to Computing.

5. OBJETIVOS

- Evaluate student performance in a real work environment, applying Computing principles.
- Develop professional, ethical, and teamwork skills in an industry setting.
- Ensure internship activities align with the program's learning outcomes.

6. RESULTADOS DEL ESTUDIANTE

- 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)
- AG-C02)** Ethics: Applies ethical principles and commits to professional ethics and standards of computing practice. (Assessment)
- AG-C03)** Individual and Teamwork: Performs effectively as an individual and as a member or leader in diverse teams. (Assessment)

7. TEMAS

Unidad 1: Performance Evaluation in Professional Settings (48 horas)	
Resultados esperados: 4,5,AG-C02,AG-C03	
Temas	Objetivos de Aprendizaje (<i>Learning Outcomes</i>)
• Integration into a professional work team. • Application of technical skills in real-world projects. • Assessment of ethical and professional conduct. • Reporting and feedback from the company and university.	• Demonstrate technical skills in a professional environment [Evaluar]. • Apply ethical and professional principles in their work [Evaluar]. • Collaborate effectively in teams and communicate professionally [Evaluar].
Lecturas : [ACMInternshipGuide], [IEEEProfessionalPractices]	

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