



Universidad Nacional de Ingeniería (UNI)

Escuela Profesional de
Ciencia de la Computación
Sílabo 2024-II

1. CURSO

FG120FCCS. General Economy (Mandatory)

2. INFORMACIÓN GENERAL

2.1 Curso	: FG120FCCS. General Economy
2.2 Semestre	: 8 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

Understanding Peruvian reality is essential for future professionals, including those in computer science, so they can contribute to the country's development in an informed and responsible manner. This course analyzes the historical, social, economic, and political aspects of Peru, with an emphasis on current challenges and opportunities.

5. OBJETIVOS

- Analyze the historical processes that have shaped Peruvian national reality.
- Understand the main social, economic, and political challenges facing Peru.
- Identify development opportunities and the role of technology in building a better future for the country.

6. RESULTADOS DEL ESTUDIANTE

- 1) Analyze a complex computing problem and apply principles of computing and other relevant disciplines to identify solutions. (Usage)
- 3) Communicate effectively in a variety of professional contexts.. (Usage)
- 4) Recognize professional responsibilities and make informed judgments in computing practice based on legal and ethical principles. (Usage)

AG-C01) The Professional and the World: Analyzes and evaluates the impact of solutions to complex computing problems on the sustainable development of society. (Assessment)

AG-C07) Computing Knowledge: Applies appropriate knowledge of mathematics, science, and computing. (Assessment)

7. TEMAS

Unidad 1: History of Peru (8 horas)	
Resultados esperados: 3,AG-C01,AG-C07	
Temas	Objetivos de Aprendizaje (<i>Learning Outcomes</i>)
• Pre-Hispanic Peru. • Colonial era. • Republican Peru: 19th and 20th centuries.	• Describe the main periods of Peruvian history. [Familiarizarse] • Analyze the key events that have shaped national identity. [Usar] • Explain the influence of the past on Peru's current reality. [Evaluar]
Lecturas : [KlarÅfn2012], [Cotler2005]	

Unidad 2: Cultural and Social Diversity (8 horas)	
Resultados esperados: 3,AG-C01,AG-C07	
Temas	Objetivos de Aprendizaje (<i>Learning Outcomes</i>)
• Cultural diversity of Peru. • Ethnic and linguistic groups. • Social inequality and exclusion.	• Identify the different cultural groups that make up Peru. [Familiarizarse] • Analyze the causes and consequences of social inequality. [Usar] • Propose solutions to promote social inclusion. [Evaluar]
Lecturas : [Portocarrero2001], [Manrique1988]	

Unidad 3: Peruvian Economy (8 horas)	
Resultados esperados: 1,AG-C01,AG-C07	
Temas	Objetivos de Aprendizaje (<i>Learning Outcomes</i>)
• Economic structure of Peru. • Economic sectors: mining, agriculture, industry, services. • International trade. • Economic challenges and sustainable development.	• Describe the economic structure of Peru. [Familiarizarse] • Analyze the importance of the different economic sectors. [Usar] • Evaluate economic policies and their impact on sustainable development. [Evaluar]
Lecturas : [Dancourt2013], [Hunt2018]	

Unidad 4: Peruvian Political System (8 horas)	
Resultados esperados: 1,4,AG-C07	
Temas	Objetivos de Aprendizaje (<i>Learning Outcomes</i>)
• Organization of the Peruvian State. • Democracy and governance. • Corruption and transparency.	• Describe the organization of the Peruvian State. [Familiarizarse] • Analyze the challenges to democracy and governance in Peru. [Usar] • Evaluate the importance of transparency and the fight against corruption. [Evaluar]
Lecturas : [Tanaka2018], [Quiroz2013]	

Unidad 5: Technology and Development in Peru (8 horas)	
Resultados esperados: 1,AG-C01	
Temas	Objetivos de Aprendizaje (<i>Learning Outcomes</i>)
• The role of technology in Peru's development. • Digital divide and digital inclusion. • Technological innovation and entrepreneurship.	• Analyze the importance of technology for Peru's economic and social development. [Familiarizarse] • Propose solutions to reduce the digital divide. [Usar] • Evaluate the potential of technological innovation and entrepreneurship in Peru. [Evaluar]
Lecturas : [PlanNacionaldeCompetitividad2019]	

Unidad 6: Challenges and Opportunities for the Future (8 horas)	
Resultados esperados: 1,AG-C01	
Temas	Objetivos de Aprendizaje (<i>Learning Outcomes</i>)
• Sustainable development. • Peru's vision for 2050. • The role of professionals in building the future.	• Analyze the challenges Peru faces in achieving sustainable development. [Familiarizarse] • Understand the long-term vision for the country's development. [Usar] • Reflect on the role of professionals in building a better future for Peru. [Evaluar]
Lecturas : [CEPLAN2021]	

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