



UNIVERSIDAD NACIONAL DE LA PLATA
FACULTAD DE INFORMÁTICA

**FUNDAMENTOS DE GOBERNANZA
ELECTRÓNICA PARA CIUDADES
INTELIGENTES**

Año 2017

Carrera: Doctorado en Ciencias
Informáticas

Profesor Responsable: Dra. Elsa
Estevez

Créditos: 4

Duración: 70 horas

OBJETIVOS GENERALES

El curso tiene como objetivo general introducir al alumno en los fundamentos de gobernanza electrónica y el desarrollo de ciudades inteligentes.

Los objetivos específicos incluyen:

- Conocer el concepto y comprender el alcance de Gobernanza Electrónica
- Comprender el proceso de creación de nuevos paradigmas de gobernanza electrónica en base a tecnologías e innovaciones
- Adquirir conocimientos en tendencias y problemas de urbanización y desarrollo de ciudades inteligentes
- Conocer los conceptos y elementos necesarios para la planificación, diseño e implementación de iniciativas de ciudades inteligentes
- Profundizar conocimientos en métodos de investigación aplicados en el área de Gobernanza Electrónica, en particular para temas relacionados a ciudades inteligentes.

MODALIDAD DE EVALUACION

Para la aprobación del curso será necesario la asistencia como mínimo al 80% de las clases, y la aprobación de un trabajo de investigación que será entregado al profesor como máximo a los 30 días de finalizado el dictado del curso.



CONTENIDOS

1. Introducción a Gobernanza Electrónica
 - a. Conceptos
 - b. Beneficios
 - c. Desafíos
 - d. Aspectos de implementación
2. Nuevas Tendencias en Gobernanza Electrónica
 - a. Evolución de las TICs en el sector público
 - b. Conductores de cambios
 - c. Nuevas tendencias – tecnologías, innovaciones y paradigmas
3. Introducción a Ciudades Inteligentes
 - a. Tendencias de urbanización
 - b. Definición de ciudades inteligentes
 - c. Ejemplos de ciudades inteligentes
4. Evaluación del Estado del Arte en Ciudades Inteligentes
 - a. Metodología
 - b. Instrumentos para el proceso de colección de datos
 - c. Resultados de estudios cuantitativo y cualitativos de revisión de literatura
 - d. Resultados de estudios cuantitativos y cualitativos de experiencias prácticas
5. Iniciativas de Ciudades Inteligentes
 - a. Visión para las ciudades inteligentes
 - b. Marco metodológico – la ciudad inteligente como un proceso
 - c. Elementos de contexto – valores, conductores, desafíos, riesgos, regiones
 - d. Elementos necesarios – tecnología y herramientas
 - e. Elementos de transformación – enfoques, interesados, gobernanza, modelos de madurez
 - f. Elementos resultantes – innovaciones y beneficios
6. Problemas y Agenda de Investigación en Ciudades Inteligentes
 - a. Atributos de un problema de investigación en el área de ciudades inteligentes
 - b. Fuentes de problemas de investigación en el área de ciudades inteligentes
 - c. Metodología para la definición de problemas de investigación en el área de ciudades inteligentes



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