



TEMARIO

POSGRADO EN CIENCIAS BIOLÓGICAS

UNIVERSIDAD NACIONAL AUTÓNOMA DE MÉXICO
PROGRAMA DE POSGRADO EN CIENCIAS BIOLÓGICAS

Denominación de la actividad académica (completa): Curso Optativo “Ecología de la conducta y Biología de la conservación”

Clave:	Semestre: 2024-2	Campo de conocimiento: Ecología		Número de Créditos: 8 créditos			
Carácter Optativa		Horas	Horas por semana	Horas por semestre			
		Teóricas 64	Prácticas Cero	4 64			
Modalidad Curso virtual		Duración del curso Semestral					
Seriación indicativa u obligatoria antecedente, si es el caso: NA							
Seriación indicativa u obligatoria subseciente, si es el caso: NA							
Objetivo general: El curso propone una visión teórica y práctica de las interacciones entre la ecología conductual y la biología de la conservación. Cada clase incluirá la presentación del vocabulario, de los conceptos teóricos y de ejemplos prácticos. Los estudiantes tendrán que leer artículos y capítulos de libros (en español e inglés) antes de la clase. Considerando que se trata de un curso a la interfase de dos disciplinas, también nos esforzaremos en promover la capacidad de integración de conceptos.							
Objetivos específicos: (en su caso) NA							
Temario MCC - Dra. Morelia Camacho Cervantes CMC - Dr. Constantino Macías García KNG - Dra. Karla Natividad García Cabello				Horas			
				Teóricas Prácticas			
1. Ecología de la conducta 1.1 Conceptos generales de conducta – KNG 1.2 Preguntas de Tinbergen para estudios conductuales – KNG 1.3 Ritmos biológicos – KNG 1.4 Forrajeo – KNG 1.5 Agresividad y territorialidad – KNG 1.6 Depredación y conductas anti-depredadoras – KNG 1.7 Reproducción y selección sexual – KNG 1.8 Migración – KNG 1.9 Comunicación – KNG 1.10 Historias de vida – CMG 1.11 Métodos para medir conducta – CMG				22 hrs cero			
2. Amenazas a la biodiversidad e interacciones entre especies 2.1 Poblaciones y comunidades – MCC 2.2 Efectos Allee – MCC				16 cero			



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<p>2.3 Interacciones entre especies – MCC 2.4 Principales amenazas a la biodiversidad 2.4.1 Contaminación y sobreexplotación – CMG 2.4.2 Cambio climático y especies invasoras – MCC 2.4.3 Caso de estudio: cambio climático y especies invasoras – MCC 2.4.4 Fragmentación y cambio de uso de suelo – CMG 2.5 La conducta como indicador y como biomonitor – MCC</p> <p>3. Medidas de Manejo en Conservación 3.1 Programas de reintroducción, translocación, y/o rehabilitación de especies – CMG 3.2 Manejo de especies invasoras - MCC 3.3 Restauración ecológica – CMG 3.4 Importancia de la ecología reproductiva en el manejo – CMG 3.5 Caso de estudio: ecología de la reproducción – CMG 3.6 Manejo enfocado a evitar el daño al hábitat o a otras especies – CMG 3.7 Educación ambiental – MCC 3.8 Conservación, sociedad y política – MCC</p> <p>4. Conclusión - Interacción entre ambas disciplinas – MCC, CMG & KNG Se ha planeado que estas sesiones sean una recopilación de lo revisado en el curso, guiada por los profesores, pero en la cual los alumnos participen mayoritariamente. El objetivo es que los alumnos describan las áreas de interacción de ambas disciplinas y distingan cuáles de ellas se prestan para que se dé una interacción efectiva, que tenga impacto sobre las medidas de manejo y conservación de especies animales.</p>	16 hrs	cero
Total de horas teóricas	64	cero
Total de horas prácticas	cero	cero
Suma total de horas (debe coincidir con el total de horas al semestre)	64	cero

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NA	
Sugerencias didácticas: (marcar con una X la sugerencia didáctica que se utilizará para abordar los temas. Es importante tomar en cuenta que si la actividad tiene horas prácticas en las sugerencias deberá haber herramientas prácticas para el aprendizaje de los temas)	Mecanismos de evaluación del aprendizaje de los alumnos: (marcar con una X el mecanismo que se utilizará para evaluar el aprendizaje. Se recomienda que para la evaluación sean tomadas en cuenta las sugerencias didácticas señaladas)
<input checked="" type="checkbox"/> Exposición oral <input checked="" type="checkbox"/> Exposición audiovisual <input checked="" type="checkbox"/> Ejercicios dentro de clase <input type="checkbox"/> Ejercicios fuera del aula <input type="checkbox"/> Seminarios <input checked="" type="checkbox"/> Lecturas obligatorias <input type="checkbox"/> Trabajos de investigación <input type="checkbox"/> Prácticas de taller o laboratorio <input type="checkbox"/> Prácticas de campo <input type="checkbox"/> Otros (indicar cuáles)	<input type="checkbox"/> Exámenes parciales <input type="checkbox"/> Examen final escrito <input checked="" type="checkbox"/> Tareas y trabajos fuera del aula <input checked="" type="checkbox"/> Exposición de seminarios por los alumnos <input checked="" type="checkbox"/> Participación en clase <input type="checkbox"/> Asistencia <input type="checkbox"/> Seminario <input type="checkbox"/> Otros (indicar cuáles)
Línea de investigación: NA	
Perfil profesiográfico Doctorado en Ciencias Biológicas, Ecológicas o afines, experiencia docente, experiencia en investigación conductual y conservación.	