



UNIVERSIDAD NACIONAL AUTÓNOMA DE MÉXICO
PROGRAMA DE POSGRADO EN
FILOSOFÍA DE LA CIENCIA



Actividad Académica: BIOLOGÍA, ANTROPOLOGÍA Y CIENCIAS COGNITIVAS: UNA PERSPECTIVA INTERDISCIPLINARIA				
Clave:	Semestre: 2016-2	Campo de conocimiento: ESTUDIOS FILOSÓFICOS Y SOCIALES DE CIENCIA Y TECNOLOGÍA		
Carácter: Obligatoria () Optativa () de Elección (X)		Horas por semana		Horas al semestre
Tipo: Seminario		Teóricas:	Prácticas:	64
		4		
Modalidad: Presencial		Duración del programa: 1 semestre		

Seriación: Si () No (X) Obligatoria (X) Indicativa ()

Objetivos generales:

- (1) Proporcionar las bases mínimas necesarias para (i) la consulta y comprensión crítica de publicaciones académicas introductorias y especializadas en los campos de la biología evolutiva humana, la antropología biológica y las ciencias cognitivas de corte evolucionista, y (ii) la identificación del carácter crecientemente interdisciplinario de las investigaciones en dichos campos.
- (2) Promover la adopción de una perspectiva metacientífica (es decir, una perspectiva informada por la historiografía, la epistemología y los estudios sociales de la ciencia) para la interpretación de los resultados de investigación provenientes de dicho contexto académico interdisciplinario.

Objetivos específicos:

- (1) Discutir, de manera crítica, un número selecto de obras (i.e. artículos, capítulos de libros y libros completos) de la literatura especializada, en donde se describen investigaciones contemporáneas en biología evolutiva humana, antropología biológica y ciencias cognitivas de corte evolucionista.
- (2) Emplear, de manera crítica, apoyos proporcionados por un número selecto de obras (principalmente libros) útiles para la comprensión de conceptos básicos en (i) biología evolutiva humana / antropología biológica, (ii) ciencias cognitivas de corte evolucionista e (iii) historiografía, epistemología y estudios sociales de las anteriores áreas disciplinares.
- (3) Fomentar el interés y habilidades de los estudiantes para el diseño de proyectos de investigación científica y metacientífica en el ámbito de interés del curso.

Temario	Horas	
	Teóricas	Prácticas
Introducción: ¿Por qué estudiar la interfase entre biología, antropología y ciencias cognitivas? ¿Qué significa estudiar esta interfase desde una perspectiva metacientífica?	4	0
Unidad 1	12	0

Chimpancés, Neandertales, Denisovanos y humanos: Un panorama contemporáneo sobre la sistemática y la biología evolutiva de los primates y los homínidos, actuales y extintos		
Unidad 2 Fundamentos histórico–filosóficos de la interdisciplina bio–antropo–cognitiva i. Biología, antropología y ciencias cognitivas: Un esquema historiográfico comparativo ii. ¿Cómo evolucionó el evolucionismo fuera de la biología? Una segunda mirada a los ‘ismos’ en antropología y ciencias cognitivas iii. Batallas epistémológicas en la interdisciplina bio–antropo–cognitiva: el caso de las arqueologías procesual y postprocesual	8	0
Unidad 3 Interludio metodológico: Cladística (y otras maneras de hacer filogenética) con datos arqueológicos, biológicos y lingüísticos	4	0
Unidad 4 Más allá de los genomas, los esqueletos y las líticas i. Estudios interdisciplinarios sobre la evolución del cuerpo, la mente, el lenguaje, la cultura y los nichos ecológicos homínidos: perspectivas científicas y metacientíficas ii. México en el escenario internacional de la interdisciplina bio–antropo–cognitiva: investigaciones sobre la domesticación de plantas y animales en Mesoamérica, ayer y hoy	16	4
Unidad 5 Otras interdisciplinas bio–antropo–cognitivas: aproximaciones alternativas, heterodoxas a la explicación e interpretación de la evolución de la bio–psico–socialidad de los homínidos antiguos, contemporáneos y futuros	8	4
Conclusiones y comentarios sobre el curso	4	0
Total de horas teóricas	64	
Total de horas prácticas	0	
Suma total de horas	64	

Bibliografía primaria

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Sugerencias didácticas:

- Exposición oral
- Exposición audiovisual
- Ejercicios dentro de clase
- Ejercicios fuera del aula
- Seminarios
- Lecturas obligatorias
- Trabajos de investigación
- Prácticas de taller o laboratorio
- Prácticas de campo
- Otros (*indicar cuáles*)

Mecanismos de evaluación del aprendizaje de los alumnos:

- Exámenes parciales
- Examen final escrito
- Tareas y trabajos fuera del aula
- Exposición de seminarios por los alumnos
- Participación en clase
- Asistencia
- Seminario
- Otros (*indicar cuáles*)

Profesor titular (semestre 2016-2; co-fundador del curso):

Dr. Francisco Vergara Silva (Instituto de Biología, UNAM)

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Profesora invitada:

Mtra. Alma Vega Barbosa (Instituto de Investigaciones Filosóficas, UNAM; Escuela Nacional de Antropología e Historia)

e-mail: alma.morgana@yahoo.com

Profesor co-fundador del curso:

Dr. Sergio Martínez Muñoz (Instituto de Investigaciones Filosóficas, UNAM)

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