



Universidad de Puerto Rico
Recinto Universitario de Mayagüez
Colegio de Artes y Ciencias
Departamento de Biología
Programa de Biología, Pre-médica



Prontuario Oficial

ANIMAL PARASITOLOGY BIOL 4426

Horas créditos: 3	Horas contacto: 2 horas de conferencia y 3 horas de laboratorio semanales
Requisitos previos: Biol 3052 or CIBI 3002 or Biol 3022 or Biol 4015	Requisitos concurrentes: N/A
Descripción del curso en español: Principios generales y ecología del parasitismo. Estudio del control, relaciones con el huésped y ciclos de vida de los patógenos más importantes dentro de los protozoarios y helmintos.	
Descripción del curso en inglés: General principles and ecology of parasitism. Study of the important pathogenic protozoans, and helminths and their life cycles, host relationships, and control.	
Objetivos: <ol style="list-style-type: none">1. To familiarize the student with the basic principles of parasitology.2. To define the terminology used in parasitology.3. To discuss the most important parasites of humans and other animals, including their life-cycles, epidemiology, detection, controls and treatments.4. To familiarize the student with the parasites important in Puerto Rico	

Bosquejo de contenido:

<i>Temas a cubrir</i>	<i>Horas contacto</i>
Introduction	2
Protozoa	8
Digenea	5
Monogenea	2
Cestoda	6
Nematoda	6
Acanthocephala and Pentastomes	1
Total de horas: (deben ser equivalentes a las horas crédito del curso)	30

Estrategias instruccionales:

- conferencia discusión cómputos laboratorio
 seminario con presentación formal seminario sin presentación formal taller
 taller de arte práctica viaje tesis problemas especiales tutoría
 investigación otros, especifique:

Recursos mínimos disponibles:**Estrategias de evaluación y su peso relativo:**

	Por ciento
<input checked="" type="checkbox"/> pruebas escritas	60
<input type="checkbox"/> informes orales	
<input type="checkbox"/> monografías	
<input type="checkbox"/> portafolio	
<input type="checkbox"/> diario reflexivo	
<input checked="" type="checkbox"/> otros, especifique: Lab	33
<input checked="" type="checkbox"/> Attendance	7
TOTAL: 100%	100

Sistema de calificación:

- cuantificable (de letra) no cuantificable

Bibliografía:

Text: Foundations of Parasitology 2004. Robert and Janovy. McGraw Hill Higher Education
Journal of Parasitology and other journals available in the UPRM Library

Después de identificarse con el profesor y la institución, los estudiantes con impedimento recibirán acomodo razonable en sus cursos y evaluaciones. Para más información comuníquese con Servicios a Estudiantes con Impedimentos en la Oficina del Decano de Estudiantes (Q-019), 787-265-3862 ó 787-832-4040 x 3250 ó 3258.

Incluye anejos:

Si

No

General Information

Study Help

Study guides will be on my website.

<http://www.uprm.edu/biology/profs/bunkley/parasitol.htm>

They include an explanation of the kinds of questions I ask on my tests and an outline that will help you focus on the important points of each parasite.

To help you prepare for class, it would be useful to read or at least look over the chapter before you come to class so you will know what to expect that day. Take notes during class or highlight the sections in the book that are covered in class. After class, re-read or read the chapter in detail to reinforce your memory about the material presented in class. You could then go to a web-site and look at a few more pictures or diagrams that might help more fully explain the material or show it in a different way.

Internet sites

There are several Internet sites that are **extremely useful** for study of both the lecture and lab portions of this course.

The Centers for Disease Control includes most of what you will have in this course with color life-cycles, micrographs and diagnosis. This site is an incredible resource and I urge you to study it.

<http://www.dpd.cdc.gov/DPDx/default.htm>

The Ohio State site "Parasites and Parasitological Resources" includes photos of the parasites in most of the life-cycle stages, with many life-cycles also illustrated. They also have labeled drawings to help you identify the internal structures and key characters of the parasites. The site map is near the bottom of the homepage so keep scrolling down until you find it. I encourage you to look at this site.

<http://www.biosci.ohio-state.edu/~parasite/home.html>

Another really useful site is

<http://www.ksu.edu/parasitology/classes/biol625.html>

It has practice quizzes for the laboratory and lecture segments. Click on the "Human Parasitology Image Tutorial" and when it comes up scroll down to the questions. They will be a big help in testing yourself.