



Official Syllabus

Pteridology BIOL 5009

Credit hours: 3	Contact hours: 5
Prerequisites: BIOL 3417	Corequisites:
Course description in Spanish: Conferencias y laboratorios sobre la morfología, taxonomía y distribución ecológica de los helechos locales y sus aliados. Lecturas asignadas y viajes de campo.	
Course description in English: Lectures and laboratories on the morphology, taxonomy and ecological distribution of the local ferns and their allies. Assigned readings and field trips.	
Objectives: To learn the taxa of the vascular cryptogams of Puerto Rico.	

Outline of content:

<i>Topics to be covered</i>	<i>Contact hours</i>
Lecture, laboratory and field trips	
Introduction: structure and terminology	2 + 3
Lycophyta: Lycopodiaceae, Selaginellaceae, Isoetaceae	4 + 6
Pterophyta: Psilotaceae	2 + 3
Pterophyta: Equisetaceae	2 + 3
Pterophyta: Ophioglossaceae, Marattiaceae	2 + 3
Pterophyta: Osmundaceae, Schizaeaceae, Gleicheniaceae	2 + 3
Pterophyta: Hymenophyllaceae	2 + 3
Pterophyta: Cyatheaceae	2 + 3
Pterophyta: Polypodiaceae (sensu lato)	10 + 15
Pterophyta: Marsileaceae, Salviniaceae	2 + 3
Total hours: (should be equivalent to the contact hours of the course)	30 + 45

Instructional strategies: <input checked="" type="checkbox"/> lecture <input type="checkbox"/> discussion <input type="checkbox"/> computation <input checked="" type="checkbox"/> laboratory <input type="checkbox"/> seminar with formal presentation <input type="checkbox"/> seminar without formal presentation <input type="checkbox"/> workshop <input type="checkbox"/> art workshop <input type="checkbox"/> practicum <input type="checkbox"/> trip <input type="checkbox"/> thesis <input type="checkbox"/> special problems <input type="checkbox"/> tutorial

<input type="checkbox"/> research <input checked="" type="checkbox"/> other (specify): collection																		
Minimal resources available: Herbarium, herbarium library, drying facilities and internet access are provided. There is no textbook on the subject, but floras for the Puerto Rican taxa are provided.																		
Evaluation strategies and their relative weight: <table border="1" style="margin: 10px auto; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 80%;"></th> <th style="width: 20%;">Percentage</th> </tr> </thead> <tbody> <tr> <td><input checked="" type="checkbox"/>written exams</td> <td>25</td> </tr> <tr> <td><input type="checkbox"/>oral reports</td> <td></td> </tr> <tr> <td><input type="checkbox"/>monographs</td> <td></td> </tr> <tr> <td><input type="checkbox"/>portfolio</td> <td></td> </tr> <tr> <td><input type="checkbox"/>reflexive diary</td> <td></td> </tr> <tr> <td><input checked="" type="checkbox"/>other (specify): lab practicals</td> <td>50</td> </tr> <tr> <td><input checked="" type="checkbox"/>other (specify): collection</td> <td>25</td> </tr> <tr> <td>TOTAL: 100%</td> <td>100</td> </tr> </tbody> </table>		Percentage	<input checked="" type="checkbox"/> written exams	25	<input type="checkbox"/> oral reports		<input type="checkbox"/> monographs		<input type="checkbox"/> portfolio		<input type="checkbox"/> reflexive diary		<input checked="" type="checkbox"/> other (specify): lab practicals	50	<input checked="" type="checkbox"/> other (specify): collection	25	TOTAL: 100%	100
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Grading system: <input checked="" type="checkbox"/> quantifiable (letter grade) <input type="checkbox"/> not quantifiable																		
References:																		

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 Ofician del Decano de Estudiantes (Q-019), 787-265-3862 ó 787-832-4040 x 3250 ó 3258.

Attachments included:

- Yes
 No