

Course Map

Department name	Department of Forestry
Class	PhD Program (103-1)

Educational Objectives

No.	Item
1	To cultivate advanced technological professionals who possess a global perspective, independence, and innovative capabilities, in the field of forest resources conservation, management, and the sustainable utilization of biomaterials

Student's Core Competencies

No.	Item	Corresponding to Educational Objectives No.
1	Advanced knowledge and skills in forest resources conservation	1
2	Advanced knowledge and skills in forest management	1
3	Advanced knowledge and skills in sustainable utilization of biomaterial	1

※Note : Instructions for filling in planning points : Please fill in the correct letters for each field from 1 to 4.

1 : U-Bachelor's Program, M-Master's Program, D-Doctoral Program

2 : A-Normal Courses, B-Practical Courses, C-Out-of-Classroom Guided Subjects, such as thematic discussions and research sessions for students to speak or invited speeches, etc.

3 : S-Semester classes, Y-Academic year classes

4 : Total number of credits (Full Semester or Academic Year) (Please fill in Arabic numbers)

5: In Notes column, M-Meeting, S-Semester

Signature of head of planning unit :

Signature of coordinator :

Sep 3rd, 2014 (103-1 Department Course Meeting)

Lesson Plan

Course Chinese Name	Course English Name	Planning points (See note)				Corresponding core competency No.	Suggested grade level	Offering department	Notes
		1	2	3	4				
College Core Courses (If not exempted, please state compulsory or electives)									
Compulsory Courses									
森林經營與管理 專題(三)	Seminar in Forest and Management Administration (III)	D	C	Y	2	2-100	1	Department of Forestry	
森林生物與保育 專題(三)	Seminar in Forest Biology & Conservation (III)	D	C	Y	2	1-100	1	Department of Forestry	
林產物性專題(三)	Seminar in Physical Aspects of Forest Products (III)	D	C	Y	2	3-100	1	Department of Forestry	
林產化性專題(三)	Seminar in Chemical Aspects of Forest Products (III)	D	C	Y	2	3-100	1	Department of Forestry	
森林經營與管理 專題(四)	Seminar in Forest and Management Administration (IV)	D	C	Y	2	2-100	2	Department of Forestry	
森林生物與保育 專題(四)	Seminar in Forest Biology & Conservation (IV)	D	C	Y	2	1-100	2	Department of Forestry	
林產物性專題(四)	Seminar in Physical Aspects of Forest Products (IV)	D	C	Y	2	3-100	2	Department of Forestry	
林產化性專題(四)	Seminar in Chemical Aspects of Forest Products (IV)	D	C	Y	2	3-100	2	Department of Forestry	
博士論文	Dissertation	D	C	Y	12	1-30,2-30,3-40	2	Department of Forestry	

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		1	2	3	4				
選修課程									
自然資源遊憩觀光特論	Special Topics in Natural Resource Recreation and Tourism	D	A	S	3	2-100	1	Department of Forestry	101-1 newly opened
森林經理學特論	Advanced Forest Management	D	A	Y	4	2-100	1	Department of Forestry	
林業政策特論	Advanced Forest Policy	D	A	S	3	2-100	2	Department of Forestry	
森林法律學特論	Advanced Forest Law	D	A	S	2	2-100	2	Department of Forestry	
林木生長收穫學特論	Special Topics in Growth and Yield	D	A	S	3	2-100	1	Department of Forestry	
木材分類學特論	Advanced Wood Anatomy	D	A	S	3	1-100	1	Department of Forestry	
育林學研究法	Research Methods in Silviculture	D	A	S	3	1-100	1	Department of Forestry	
高等林木育種學	Advanced Forest Tree Breeding	D	A	S	3	1-100	1	Department of Forestry	
木質材料檢驗原理	Testing Theory for Wood-Based Materials	D	A	S	3	3-100	1	Department of Forestry	
植物分類學特論	Advanced Plant Taxonomy	D	A	S	3	1-100	1	Department of Forestry	
木質素化學	Lignin Chemistry	D	A	S	3	3-100	1	Department of Forestry	
反應性高分子	Chemistry of Reactive Polymers	D	A	S	3	3-100	1	Department of Forestry	
特種紙製造特論	Manufacture of Special Paper	D	A	S	3	3-100	1	Department of Forestry	
粘著原理	Principle of Tackiness	D	A	S	3	3-100	1	Department of Forestry	
木質環境科學特論	Advanced Topics in Wooden Environmental Science	D	A	S	3	3-100	1	Department of Forestry	
紙力學性質特論	Special Topics in Paper Mechanical Properties	D	A	S	3	3-100	1	Department of Forestry	
無機高分子化學	Chemistry of Inorganic Polymer	D	A	S	3	3-100	1	Department of Forestry	

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