



教學計劃表 Syllabus

課程名稱(中文) Course Name in Chinese	海洋生物科學文獻導讀			學年/學期 Academic Year/Semester	113/1
課程名稱(英文) Course Name in English	Scientific and Technical Literature Reading on Marine Biology				
科目代碼 Course Code	MBT_56830	系級 Department & Year	碩士	開課單位 Course-Offering Department	海洋生物研究所
修別 Type	選修 Elective	學分數/時間 Credit(s)/Hour(s)	3.0/3.0		
授課教師 Instructor	/林家興				
先修課程 Prerequisite					
課程描述 Course Description					
本課程授課目標在於提供學生海洋生物科學文獻基礎閱讀能力的訓練，並增加學生對於海洋生態資源保育的知識。					
課程目標 Course Objectives					
本課程授課目標在於提供學生海洋生物科學文獻基礎閱讀能力的訓練，並增加學生對於海洋生態資源保育的知識。					
圖示說明 Illustration : ● 高度相關 Highly correlated ○ 中度相關 Moderately correlated					
授課進度表 Teaching Schedule & Content					
週次 Week	內容 Subject/Topics				備註 Remarks
1	Introduction and outline; Reading and presenting scientific papers; Choosing a topic and justifying the choice				
2	Student presentation of scientific papers; critical review by class				
3	Student presentation of scientific papers; critical review by class. Justification of topic is due.				
4	Student presentation of scientific papers; critical review by class.				
5	Student presentation of scientific papers; critical review by class.				
6	Student presentation of scientific papers; critical review by class.				
7	How to write a paper. Outline of review paper, including a brief abstract, is due.				
8	Student presentation of research topic; critical review by class.				
9	期中考試週 Midterm Exam				
10	Student presentation of research topic; critical review by class. Review paper is due.				
11	How to write a research proposal. Development of the main hypothesis and the Specific Aims. Outline of significance, hypothesis and Specific Aims is due.				
12	Student presentation of the proposal; critical review by class.				
13	Student presentation of the proposal; critical review by class.				

14	Student presentation of the proposal; critical review by class.	
15	How to review critique and score a proposal.	
16	Student peer review of the research proposals.	
17	Student presentation of the proposal; critical review by class.	
18	期末考試週 Final Exam	

教學策略 Teaching Strategies

- 課堂講授 Lecture
 分組討論 Group Discussion
 參觀實習 Field Trip
 其他 Miscellaneous:

教學創新自評 Teaching Self-Evaluation

創新教學 (Innovative Teaching)

- 問題導向學習 (PBL)
 團體合作學習 (TBL)
 解決導向學習 (SBL)
 翻轉教室 Flipped Classroom
 磨課師 Moocs

社會責任 (Social Responsibility)

- 在地實踐 Community Practice
 產學合作 Industry-Academia Cooperation

跨域合作 (Transdisciplinary Projects)

- 跨界教學 Transdisciplinary Teaching
 跨院系教學 Inter-collegiate Teaching

- 業師合授 Courses Co-taught with Industry Practitioners

其它 other:

學期成績計算及多元評量方式 Grading & Assessments

配分項目 Items	配分比例 Percentage	多元評量方式 Assessments							
		測驗 會考	實作 觀察	口頭 發表	專題 研究	創作 展演	卷宗 評量	證照 檢定	其他
平時成績 General Performance	35%	✓	✓	✓					
期中考成績 Midterm Exam									
期末考成績 Final Exam	30%	✓	✓	✓					
作業成績 Homework and/or Assignments	35%	✓	✓	✓					
其他 Miscellaneous (_____)									

評量方式補充說明

Grading & Assessments Supplemental instructions

教科書與參考書目 (書名、作者、書局、代理商、說明)

Textbook & Other References (Title, Author, Publisher, Agents, Remarks, etc.)

- 1) There will be two peer-review assignments:
- 2) Each student will provide a written critique of one review paper by another student.
- 3) Each student will review 3-4 proposals by other students and provide written and oral critique of these proposals

課程教材網址(含線上教學資訊, 教師個人網址請列位於本校內之網址)

Teaching Aids & Teacher's Website(Including online teaching information.
Personal website can be listed here.)

其他補充說明 (Supplemental instructions)