

Course Information		
Course title	Biotechnology in Milk Products	
Semester	104-2	
Designated for	College of Bioresources and Agriculture GRADUATE INSTITUTE OF ANIMAL SCIENCE	
Instructor	MING JU CHEN	
Curriculum Number	AniSci7022	
Curriculum Identity Number	626 M1580	
Class		
Credits	3	
Full/Half Yr.	Half	
Required/ Elective	Elective	
Time	Thursday 789	
Remarks	The upper limit of the number of students: 15.	
Ceiba Web Server	http://ceiba.ntu.edu.tw/1042AniSci7022	
Table of Core Capabilities and Curriculum Planning	Table of Core Capabilities and Curriculum Planning	
Course Syllabus		
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Course Description	This course examines the culture and institutions of knowledge production and dissemination. The subjects under study include both scientific and non-scientific knowledge. It reviews four themes: 1. culture of academic institutions and disciplines; 2. culture of scientific knowledge; 3. oral and print culture; 4. cultures of non-intellectual knowledge, such as health, diet, sex, and nationality.	
Course Objective	The course invites students in different departments to reflect and explore the cultural presumptions of knowledge that are either taken for granted, or at least play an important part in our modern life.	
Course Requirement	Close reading of the assigned material BEFORE class. Active Discussion in class.	
Office Hours		
References	Handouts and reading materials will be made available for course participants. Other materials may also be reserved in the library or electrically delivered to the students.	
Designated reading	待補	
Grading		
Progress		
Week	Date	Topic
第1週	2/25	Introduction

第2週	3/03	The food safety risk assessment of GM animal
第3週	3/10	Social impact of GM food
第4週	3/17	Design milk???
第5週	3/24	Chymosin
第6週	3/31	Accelerate chesse ripening
第7週	4/07	Lactofarrin
第8週	4/14	Genetic engineering milk
第9週	4/21	Functional foods and nutraceutical
第10週	4/28	Functional foods and nutraceutical
第11週	5/05	Functional foods and nutraceutical
第12週	5/12	Immobilization
第13週	5/19	Biosensor
第14週	5/26	校外參觀
第15週	6/02	Regulation
第16週	6/09	端午節
第17週	6/16	omics