

SULTAN QABOOS UNIVERSITY

COURSE OUTLINE

PROGRAM: natural resource economics

1. Course Code	NREC3012			
2. Course Title	Economics of Food Consumption and Policy			
3. Credits	3 CH , 12 CP, 6 ECTS			
4. Pre-requisite Course(s)	FPEL(0560 or 0600 or 0601 or 0602 or 0603 or 0604), FPMT(0105 or 0109)			
5. Co-requisite Course(s)				
6. Equivalent Course(s)				
7. Incompatible Course(s)				
8. Course Category	University Requirement	University Elective		
	College Requirement	College Elective		
	Department Requirement	Department Elective		
	Specialization Requirement	Specialization Elective		
	Other (specify):			
9. Course Owner	Course Owner College: CAMS Department: DNRE			
10. Course Type		Lecture/Lab		
	Lecture/Seminar	Lecture/Studio		
	Lecture/Tutorial	Lecture/Lab/Tutorial or Seminar		
		Laboratory (Practical)		
	Field or Work Placement	Studio		
	Seminar Seminar	Internship		
	Workshop	Project		
11. Language of Instruction English				
12. Course Description				
Apart from food production, food security depends on socio-economic factors such as, efficient functioning of markets and income distribution. This course examines the socio-economic factors that relates to food security to evaluate solutions to achieve food security at a household and national level. Theoretical learning would be complemented by use of analytical models on evaluating household and national food security.				
13. Teaching/Learning Strate	gies			
Interactive learning strategy				
14. Assessment Components and Weight [%]				
		U Other (specify):		
Homework assignments	Project			
In-term examination(s) Image: Second secon				
15. Graung Method				
A-r Scale Fass/Not passed				
10. Textbook(s) and Supplemental Material				
Publishers, Inc. (Available in book store)				
The Oxford Handbook of the Economics of Food Consumption and Policy				
OUP Oxford · Hardback · 901 pages · ISBN 0199569444 (To be ordered)				

SQU Graduate Attributes						
A. S(QU graduates should be able to:	ates possess	duates should			
1. ap re 2. co in te 3. cr in clo	ply the knowledge and skills levant to the specialization ommunicate effectively and use formation and communication chnologies itically analyze complex formation and present it in simple ear manner	al communication skills and with culture of international ket to assist them in practical iving successfully motivation for independent nd engagement in lifelong d research es and positive values, and independence and autonomy skills and display potential qualities				
#	# Intended Student Learning Outcome		Relevant Program Outcome(s)		Applicable	
1.	Course Learning Objective The students will develop knowledge and comprehension of the Nature (how much, where, who), Causes (socio-economic), Potential solutions (technical, socio-economic) of the nutrition/food problem, whilst relating to Oman's national context		i. Factually (using da reasoning) explain the Natur Potential solutions to food se economic perspective and			
2.	The students will develop analytical skills on use of mathematical models to analyse the impact of economic varriables on household food security and design of food menus recognising houshold economic factors		ii. Analyse the impacts variables on household food develop food menus consider variables through mathematical/software model			
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16. Student Responsibilities

It is the student's responsibility to know and comply with all University Academic Regulations relevant to participation in this course. These regulations specifically include attendance requirement and students' academic code of conduct.

For attendance, it is the student's responsibility to be punctual and to attend all classes.

Students are expected to perform their work with honesty and avoid any academic misconduct, which is defined as the use of any dishonest or deceitful means to gain some academic advantage or benefit. This can take many forms, including but not limited to, the following: copying, plagiarism, collusion and forging documents. For full details, please refer to the Undergraduate Academic Regulations and to the Student Academic Misconduct Policy.

Additionally, this course requires that you:

COURSE INFORMATION					
Course Code	CodeNREC 301Course TitleEconomics of Food Consumption and Policy				
Semester/Year	Fall2018	Section(s)	10		
Day, Time, and Place	e Mondays/Wednesdays, 12-1:20, Lab				
Course Coordinator					
Office Location		Office Hours			
Office Tel. Ext.		Email			

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Tentative Schedule				
Week	Lecture #	Topic/Material to be covered	Assessment	
1	1, 2	The nature of malnutrition: What is malnutrition, How is malnutrition		
		measured, Who is malnourished and The trends in malnourishment.		
2	3, 3	The nature of malnutrition: What is malnutrition, How is malnutrition		
		measured, Who is malnourished and The trends in malnourishment.		
3	4, 5	Causes of Malnutrition: Population, Prosperity, Pollution or environmental		
		quality, Productivity in agriculture and fishery and Socio-economic causes		
		relating to food markets.		
4	6, 6	Causes of Malnutrition: Population, Prosperity, Pollution or environmental	Quiz	
		quality, Productivity in agriculture and fishery and Socio-economic causes		
		relating to food markets.		
5	7,7	Causes of Malnutrition: Population, Prosperity, Pollution or environmental		
		quality, Productivity in agriculture and fishery and Socio-economic causes		
	0 0	relating to food markets.		
0	8, 8	Solutions to the world lood problem: Government socio-economic policy		
		Bromoto increased production Reduce nonvestion growth) us technical		
		production solutions		
7	9.10	Solutions to the world food problem: Government socio-economic policy	Midterm	
,	5,10	solutions (Reduced food prices Increase income Redistribute income	Wildterin	
		Promote increased production. Reduce population growth) vs technical		
		production solutions.		
8	10, 11	Solutions to the world food problem: Government socio-economic policy		
		solutions (Reduced food prices, Increase income, Redistribute income,		
		Promote increased production, Reduce population growth) vs technical		
		production solutions.		
9	11, 12	Solutions to the world food problem: Government socio-economic policy	Assignment	
		solutions (Reduced food prices, Increase income, Redistribute income,		
		Promote increased production, Reduce population growth) vs technical		
		production solutions.		
10	12, 12	Formulating Linear programing models on household food security and diet		
		planning and use of Food Agriculture Organization's NutriSurvey software,		
		Linear Programming module on diet planning. The emphasis would be in		
		recognising food prices, household income and locally available food in		
11	12 12	Formulating Nutritionally Adequate Least Cost Socially Prehered diets.		
11	15, 15	Formulating Linear programing models on nousehold lood security and diet		
		Linear Programming module on diet planning. The emphasis would be in		
		recognising food prices household income and locally available food in		
		formulating Nutritionally Adequate Least Cost Socially Preffered diets		
12	14, 14	Formulating Linear programing models on household food security and diet		
		planning and use of Food Agriculture Organization's NutriSurvey software.		
		Linear Programming module on diet planning. The emphasis would be in		
		recognising food prices, household income and locally available food in		

		formulating Nutritionally Adequate Least Cost Socially Preffered diets.	
13	14, 15	Formulating Linear programing models on household food security and diet	Quiz
		planning and use of Food Agriculture Organization's NutriSurvey software,	
		Linear Programming module on diet planning. The emphasis would be in	
		recognising food prices, household income and locally available food in	
		formulating Nutritionally Adequate Least Cost Socially Preffered diets.	
14	15, 15	Formulating Linear programing models on household food security and diet	
		planning and use of Food Agriculture Organization's NutriSurvey software,	
		Linear Programming module on diet planning. The emphasis would be in	
		recognising food prices, household income and locally available food in	
		formulating Nutritionally Adequate Least Cost Socially Preffered diets.	
15			
16			Final
17			

APPENDIX A: INSTRUCTORS OF MULTIPLE SECTIONS					
Section	Instructor	Day, Time, and Place	Office Location and Extension	Email	Office Hours

APPENDIX B: ADDITIONAL INFORMATION