

Jerash University



Master Program in Climate Change, Sustainable Agriculture and Food Security: Study Plan (Year 2018)

1. Compulsory Requirements (18 Credit Hours):

No.	Course No.	Course Name	Credit Hours
1.	604710	Climate Change, Sustainable Agriculture and Food Security	3
2.	604712	Climate Change Mitigation and Adaptation	3
3.	604714	Advanced Research Methods and Statistical Analysis	3
4.	604716	Economics of Climate Change, Sustainable Agriculture and Food Security	3
5.	604718	GIS & RS Applications in Climate Change, Sustainable Agriculture and Food Security	3
6.	603719	Sustainable Management of Soil and Water	3

2. Thesis (9 Credit Hours):

No.	Course No.	Course Name	Credit Hours
1.	604799	Thesis	9

3. Elective Requirements (6 Credit Hours of any of the Following):

No.	Course No.	Course Name	Credit Hours
1.	604720	Consumer Behavior, Food Security and Marketing	3
2.	604721	Sustainability of Fisheries and Food Security	3
3.	604722	Small Farms, Local knowledge and Local Food Supply	3
4.	604723	Risk Analysis in Food Chain	3

5.	604724	Precision Agriculture	3
6.	604725	Saturated Soil in Arid and Semi-Arid Areas	3
7.	604726	Sustainability Justice and Food Security	3
8.	604727	Sustainability and Ethics of Livestock Management	3
9.	604728	Social Entrepreneurship in Organic Food Industry	3

- A successful TOEFL test is required (500), and a national exam or equivalent in English (65%).