

Course Code:	AGRI402
Course Name:	AGRICULTURE & THE ENVIROMENT
Credit / ECTS:	3 Credit/ 6 ECTS
Catalogue Description:	This course explores the environmental impacts of agriculture and sustainable farming practices. Topics include soil health, water use, biodiversity, and climate change. Students will learn about eco-friendly farming methods and technologies that reduce agriculture's environmental footprint while ensuring food security.
Course Objectives:	The purpose of the course is to let the students learn the possible destructive effects of agriculture on the environment.
Learning Outcome (s):	<ol style="list-style-type: none"> 1- To understand interactions between agricultural production and the environment 2- To examine possible environmental impact of agricultural production inputs 3- To examine techniques employing agricultural production in combating environmental pollution 4- To examine Pollution prevention techniques
Weekly Topics	<ol style="list-style-type: none"> 1- Greenhouse Effect 2- Negative Effects Of Intensive Farming On Living Organisms 3- Water Pollution in Agriculture 4- Soil Pollution 5- Air Pollution in Agriculture 6- Green Revolution 7- Global Warming 8- Heavy Metal Pollution on Soils 9- Acidification effects of nitrogen fertilizers/Salinization of Soils 10- Green Energy 11- Pesticide Effects on Environment 12- Genetic Erosion 13- Biodiversity & Deforestation