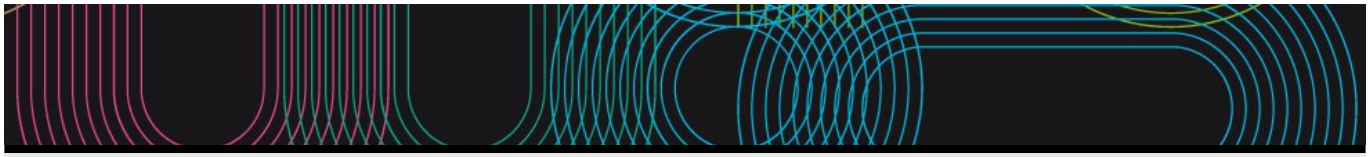

IDENTIFYING DATA				
Keys to Sustainable Plant Production				
Subject	Keys to Sustainable Plant Production			
Code	O01M142V01207			
Study programme	Máster Universitario en Ciencia y Tecnología Agroalimentaria y Ambiental			
Descriptors	ECTS Credits	Choose	Year	Quadmester
	3	Optional	1st	2nd
Teaching language	#EnglishFriendly Spanish Galician			
Department				
Coordinator	Pedrol Bonjoch, María Nuria			
Lecturers	González Puig, Carolina Beatriz Pardo Muras, María Pedrol Bonjoch, María Nuria			
E-mail	pedrol@uvigo.es			
Web				
General description	Key elements for critical understanding and search for excellent bibliography on sustainable methods of vegetable production. English Friendly subject: International students may request from the teachers: a) resources and bibliographic references in English, b) tutoring sessions in English, c) exams and assessments in English.			

Training and Learning Results	
Code	
A1	
A2	
A3	
A4	
A5	
B1	(*)Que os estudantes sexan capaces de desenvolver habilidades de análise, síntese e xestión da información para contribuir á organización e planificación de actividades de investigación no eido agroalimentario e do medio ambiente.
B2	(*)Que os estudantes sexan capaces de adquirir e aplicar habilidades e destrezas de traballo en equipo, sexan ou non de carácter multidisciplinar, en contextos tanto nacionais como internacionais, recoñecendo a diversidade de puntos de vista, así como o poso das distintas escolas ou formas de facer.
B3	(*)Que os estudantes sexan capaces de desenvolver habilidades personais de razoamento crítico e constructivo para mellorar o funcionamiento dos proxectos de investigación en que intervén.
B6	Que os estudantes sexan capaces de entende-la proxección social da ciencia.
C4	
C12	
D1	
D3	
D4	
D5	
D6	
D8	
D9	
D11	Motivación poa calidade con sensibilidade hacia temas medioambientais

Expected results from this subject	
Expected results from this subject	Training and Learning Results
Reach at least 50% of all the distinguished competitions.	A1 A2 A3 A4 A5 B1 B2 B3 B6 C4 C12 D1 D3 D4 D5 D6 D8 D9 D11

Contents	
Topic	
Block 1.- Sustainable vegetal production	1.1. Environmental implications of the systems of production: conventional agriculture, intensive, extensive, precision, integrated, sustainable, ecological. 1.2. Best practices in agriculture and forestry. 1.3. Adecuation of crops to adverse environmental conditions. 1.4. Conservation and use of the genetic resources: local cutivars. 1.5. Alimentary security and global change, alimentary crises, humanitarian and pandemias.

Planning			
	Class hours	Hours outside the classroom	Total hours
Introductory activities	0	20	20
Problem solving	5	20	25
Mentored work	5	25	30
*The information in the planning table is for guidance only and does not take into account the heterogeneity of the students.			

Methodologies	
	Description
Introductory activities	Introductory activities: Students, individually or in groups, prepare a document on the relevance of food security at a global level, search for and collect information, read and handle bibliography, write and present... (teledoc platform Moovi).
Problem solving	-Resolution of problems and/or exercises. Activities in which students evaluate scientific publications, solve problems and/or exercises related to the matter. Laboratory/classroom or by teledoc platform Moovi.
Mentored work	-Tutored work: The student, individually or by groups, elaborates a document on a concrete subject , searchs and collects information, improves reading and handle of litterature.

Personalized assistance	
Methodologies	**Description**
Problem solving	The personalized attention will complete by means of face-to-face or virtual tutorials in which the professor will comment with the student the doubts that could arise during the preparation of the work.
Mentored work	The personalized attention will complete by means of face-to-face or virtual tutorials in which the professor will comment with the student the doubts that could arise during the preparation of the work.
Introductory activities	The personalized attention will complete by means of face-to-face or virtual tutorials in which the professor will comment with the student the doubts that could arise during the preparation of the work.

Assessment

	Description	Qualification	Training and Learning Results			
Introductory activities	Continuous evaluation through the face-to-face or on-line follow-up and feedback (on-line).	30	A3 A4 A5	B1 B2 B3		D1 D3 D4 D5 D6 D8 D9
Problem solving	Continuous evaluation through the face-to-face or on-line follow-up and feedback (on-line).	30	A1 A2 A4 A5	B1 B2		D1 D4 D5 D8 D9
Mentored work	Continuous evaluation through the follow-up of the works or practical cases (on-line).	40	A1 A2 A3 A4 A5	B2 B3 B6	C4 C12	D1 D3 D4 D6 D8 D9 D11

Other comments on the Evaluation

The same problems and assignments must be completed and handed in. Everyone will receive feedback from the teachers, with the possibility of raising the mark.

Students taking this course are required to behave responsibly and honestly. Any form of fraud (copying or plagiarism) aimed at falsifying the level of knowledge and skills achieved in any type of test, report or work is considered unacceptable. Fraudulent behaviour may lead to suspension from the course for a full academic year. will keep an internal record of these actions so that, in the event of a repeat offence, a disciplinary case can be submitted to the rector's office for disciplinary action.

Sources of information

Basic Bibliography

Complementary Bibliography

Appropriate literature will be provided for each case chosen by the students.,

Recommendations

Subjects that continue the syllabus

Bioclimatology of Plants of Economic Interest/O01M142V01210
Biomass: Energy Crops/O01M142V01215
Agri-Food Biotechnology/O01M142V01217
Fertilisers and Fertilisation/O01M142V01115