UNIVERSITÀ DEGLI STUDI DI PALERMO

DEPARTMENT	Scienze Agrarie, Alimentari e Forestali
ACADEMIC YEAR	2019/2020
BACHELOR'S DEGREE (BSC)	AGRICULTURAL SCIENCES AND TECHNOLOGIES
SUBJECT	TECHNICAL ENGLISH LANGUAGE FOR AGRICULTURE
TYPE OF EDUCATIONAL ACTIVITY	F
AMBIT	10520-Ulteriori conoscenze linguistiche
CODE	18709
SCIENTIFIC SECTOR(S)	
HEAD PROFESSOR(S)	COMPARETTI ANTONIO Professore Associato Univ. di PALERMO
OTHER PROFESSOR(S)	
CREDITS	3
INDIVIDUAL STUDY (Hrs)	45
COURSE ACTIVITY (Hrs)	30
PROPAEDEUTICAL SUBJECTS	
MUTUALIZATION	
YEAR	3
TERM (SEMESTER)	2° semester
ATTENDANCE	Not mandatory
EVALUATION	Pass/Fail
TEACHER OFFICE HOURS	**COMPARETTI ANTONIO** Wednesday 11:00 13:00 Dipartimento Scienze Agrarie, Alimentari e Forestali, Edificio 4, Ingresso L, Ufficio n. 137

DOCENTE: Prof. ANTONIO COMPARETTI

PREREQUISITES	Knowledge of basic English at a level equivalent to B1
LEARNING OUTCOMES	Knowledge and comprehension: acquiring the basic knowledge to understand the content of technical and scientific texts and meetings in English. Applying knowledge and understanding: ability to develop oral and written concepts (simple and complex) concerning agricultural sciences in English. Making judgments: ability to interpret and elaborate agricultural topics from books and conversations in English. Communication skills: ability to communicate with specialized and non-specialized stakeholders using correct and clear technical terms. Learning skills: ability to attend both scientific and industry-related seminars and meetings in English.
ASSESSMENT METHODS	A series of exercises and a final test in the form of quiz on a smartphone application which include a comprehensive set of closed questions (matching and multiple choice). The test structure helps determine the score to be assigned to each question depending on the correct, incorrect or missing answer, at the time of its construction. Evaluation is presented in scores out of 100 (percentage) with a minimum score of 60 for passing.
EDUCATIONAL OBJECTIVES	The aim of the course is to provide fair knowledge to understand and use agricultural technical terms in English
TEACHING METHODS	Lectures in class, conversation, smartphone quizzes
SUGGESTED BIBLIOGRAPHY	Lo Bianco R. 2019. Technical English for Agriculture. 2nd Expanded edition. Palermo Academic Press

SYLLABUS

Hrs	Frontal teaching
2	The plant: Above- and below-ground structures; the leaf, the stem, the roots, the flower, the fruit; growth form, growth habit
2	Plant life cycle: Pollination, plant propagation (sexual and asexual), developmental stages, phenological stages
2	Plant environmental physiology: water, carbon, and nitrogen cycles; mineral nutrients
2	Soils and their properties: Soil texture, soil structure, soil water relations, soil biology, soil amendments
2	Classification of agricultural crops: Botanical, descriptive, and agricultural classifications
2	Irrigation systems: Surface, sprinkler, and drip irrigation
2	Agricultural machinery: Traction and power, soil cultivation, sowing and planting, fertilizing and pest control, produce sorter, harvesting and post-harvest, hay making, milking
1	Grapevines: Vine components, vineyard establishment, training systems, harvest
1	The process of wine-making: White wine, red wine, sparkling wines, fortified wines, basic wine terminology
2	Olive: Olive harvest, olive oil extraction, olive oil classification/definition, olive oil sensory attributes, table olives
1	Farm animals: Digestive system, parts of a cow, meat cuts, cattle farming systems
1	Making cheese: Parmigiano Reggiano, production steps, certification marks, labels and figures, average composition
1	Making pasta: grain composition and milling, wetting and mixing, gluten formation, pressing and extruding, drying, formats and types of pasta
1	Insect morphology and major plant diseases

Hrs	Practice
8	Conversation on selected topics and smartphone quizzes