General Information	
Academic subject	Agro-forestry mechanization and safety Work safety
Degree course	Tutela e Gestione del Territorio e del Paesaggio Agro-Forestale (TuGest)
Curriculum	
ECTS credits	6
Compulsory attendance	No
Language	Italian

Subject teacher	Name Surname	Mail address	SSD
	Francesco Santoro	francesco.santoro@uniba.it	FIS/07

ECTS credits details			
Basic teaching activities	Lectures (4)	Practical (2)	

Class schedule	
Period	I term
Year	III
Type of class	Lecture - Practical

Time management	
Hours	75
In-class study hours	30
Out-of-class study hours	45

Academic calendar	
Class begins	2nd October 2017
Class ends	26th January, 2018

Syllabus	
Prerequisites/requirements	Knowledge of the main types of activities carried out in agriculture and forestry
Expected learning outcomes (according to Dublin Descriptors) (it is recommended that they are congruent with the learning outcomes contained in A4a, A4b, A4c tables of the SUA-CdS)	*Knowledge and understanding* Knowledge of key health and safety regulations for workers Knowledge of methods for assessing and reducing workplace risks *Applying knowledge and understanding* Developing the ability to apply what has been learned to real cases *Making informed judgements and choices* Ability to deviate from superficial knowledge so to be able to independently reason in order to attempt at the solution of non-standard problems *Communicating knowledge and understanding* Ability to express themselves in a clear and scientifically rigorous language *Capacities to continue learning* Learning the basics and consolidation of logical and scientific attitudes useful in practical applications and in future studies.

	The expected learning outcomes, in terms of knowledge and skills, are provided in Annex A of the academic regulations of the Degree Course (expressed through the European Descriptors of the qualification, field of mathematical disciplines, physical, IT and Statistics – Applied physics sector)
Contents	Generality Regulatory developments in the field of occupational safety. Current legislation: structure and organization of documents Hygiene and health care prevention during work Common principles. Institutional system. Prevention management. Secondary prevention. Health surveillance Prevention management in the workplace Risk assessment. Prevention and protection service. Training and information. Emergency management. Workplaces Work equipment and PPE. Safety Signs Safety requirements. Periodic verification. Categories of PPE. Inventory of physical risks. Different PPE (head, ears, eyes, etc.) Specific risks Electric, manual handling of loads, physical (noise, vibration, electromagnetic fields), chemical Agriculture and forestry tractor Safety requirements. Tipping. Safety Devices
Course program	
Bibliography	Italian Legislative Decree 81/2008
Notes	Lesson notes integrate the contents of bibliography
Teaching methods	Lectures will be held using PowerPoint slide shows
Assessment methods (indicate at least the type written, oral, other)	The final examination consists of an oral examination on the topics developed during the hours of theoretical and practical lectures held both in the classroom and in the laboratory, as reported in the academic regulations for the Degree Course (article 9) and in the study curriculum (Annex A). The evaluation of the student's knowledge level is based on pre-established criteria, as detailed in Annex A to the didactic regulations of the study curriculum. For students who have carried out the intermediate test, the result of the final examination is expressed at the end of the final examination as the arithmetic mean of the result of the intermediate and final examination
Evaluation criteria (Explain for each expected learning outcome what a student has to know, or is able to do, and how many levels of achievement there are.	*Knowledge and understanding* The student must demonstrate knowledge of the basic principles of occupational safety legislation and be familiar with the major hazards present in work environments together with systems to evaluate, eliminate or reduce them *Applying knowledge and understanding* The student must be able to organize a simple Risk Assessment Document on a real case *Making informed judgements and choices* The student must demonstrate that he / she is able to follow alternative explanatory pathways to standardized models *Communicating knowledge and understanding* The student must demonstrate sufficient mastery of reference scientific terminology *Capacities to continue learning* The student will be able to independently examine and deepen

	health and safety issues related to the main agro-forestry activities
Further information	