



INTERNSHIP PROGRAMME

ID Code: UNITUS_01

Title	Vegetation monitoring based on remote sensing and gis analysis
Initial date (2019)	September*
End date (2019)	December*
Number of positions (max)	1
Required knowledges and skills	- statistical analysis - fundamentals of theory and techniques of Remote sensing and GIS
Academic coordinator	Prof. Paolo De Angelis (pda@unitus.it)
Objectives	- practice with agricultural and environmental analysis tools based on the use of meteorological, remote sensing and gis data - approach to the use of open remotely sensed data, (e.g. sentinel, landsat)
Short course modules	Insert max 5 modules relevant for the following internship activities - Remote Sensing - GIS - Geospatial analysis
Internship activities	The student will be involved within a case study or application about agroindustry crop mapping and monitoring. In particular the student will make practice with several technics, such as such as: vegetation classification, multitemporal data series analysis, map editing.
Hosting institution	TERRASYSTEM SRL, Spin Off of University of Tuscia
	Agricultural and environmental monitoring
	Dr. Claudio Belli
	www.terrasystem.it
Academic tutor	Prof. Dario Papale - darpap@unitus.it
Hosting institution tutor	Roberto Bianconi
Additional notes	the period of the internship is flexible and will be defined later between the parties