



UNIVERSITÀ DEGLI STUDI DI PALERMO

DEPARTMENT	
ACADEMIC YEAR	
ANNO ACCADEMICO EROGAZIONE	
SUBJECT	
CODE	
SCIENTIFIC SECTOR(S)	
HEAD PROFESSOR(S)	IAPICHINO GIOVANNI Professore Associato Univ. di PALERMO
OTHER PROFESSOR(S)	
CREDITS	
PROPAEDEUTICAL SUBJECTS	
MUTUALIZATION	
YEAR	
TERM (SEMESTER)	
ATTENDANCE	
EVALUATION	
TEACHER OFFICE HOURS	IAPICHINO GIOVANNI Tuesday 10:00 12:00 Dipartimento Scienze Agrarie e Forestali- (Orticoltura e Floricoltura) Thursday 12:00 14:00 Dipartimento Scienze Agrarie e Forestali

DOCENTE: Prof. GIOVANNI IAPICHINO

PREREQUISITES	Basic knowledge of chemistry, general botany and taxonomy. Basic knowledge of agronomy. Competencies in the propagation and production of the most important garden annual and perennial plants, flower bulbs and ornamental shrubs utilized in parks, gardens and terraces.
LEARNING OUTCOMES	<p>Students must acquire knowledge and competencies in landscape design, planting design and management. Special emphasis will be given to provide, through theory and practice, the main foundations of design principles and design process: including strategies for interacting with public and private clients, creating a design from start (concept plan) to final plan, for choosing the correct plant among annual and perennial flowers, flower bulbs and corms, and ornamental shrubs.</p> <p>Capacity to apply knowledge and comprehension: thanks to the acquisition of the foundations of design principles and design process and by putting into practice the knowledge learned through several study cases referring to diverse climatic conditions, students should be highly qualified in professional planning.</p> <p>Autonomy of judgment and decision: during the design process the student must be able to adopt the most appropriate choices with respect to various environmental conditions, planting design and management and in accord to client request.</p> <p>Acquire communicative skills in order to share opinion and design proposal during the first part of the process design and later in order to provide specific instructions concerning garden design, selecting and establishing plants.</p> <p>Comprehension capacity to improve acquired skills by continuous scientific updating and by attending to scientific congress and professional meetings.</p>
ASSESSMENT METHODS	<p>The oral examination aims at testing the theoretical and practical competencies of the students. An exam is deemed to be passed successfully if the final grade is equal to or higher than 18/30.</p> <p>During the oral examination and throughout specific questions will be tested: a) attained competencies; b) analytical capacity; c) explanatory capacity</p> <p>As regard attained competencies, the oral examination will aim at testing that students have acquired a general background on landscape design, planting design and management and developed the skills of assimilation and interpretation of the different topics.</p> <p>As regard analytical capacity the oral examination will aim at testing that students have acquired the capacity to correlate the lecture topics. During the evaluation particular emphasis will be given to the capacity to critically discuss the various criteria actually applied in landscape design and planting design.</p> <p>As regard to explanatory capacity students must demonstrate adequate and appropriate language skills related to the specific field.</p> <p>The maximum score will be achieved if all above mentioned aspects are satisfied.</p>
EDUCATIONAL OBJECTIVES	Provide the foundation for landscape and planting design. Provide detailed principles to select, establish and manage plants for public and private gardens.
TEACHING METHODS	Oral lectures, practical training
SUGGESTED BIBLIOGRAPHY	<p>Piccarolo P. Spazi Verdi Pubblici e Privati progetto, manutenzione, gestione. 1999. Ed. Hoepli.</p> <p>Agostoni F, Marinoni C, Manuale di progettazione spazi verdi. 1993. Ed. Zanichelli</p> <p>Pirani A. Il verde in città. 2004. Edagricole</p> <p>A.M. VanDerZanden, S.N. Rodie, Landscape design, Theory and application, 2008. Thomson, Delmar Learning.</p> <p>A. Scaravella, Creare un giardino, 2010. Electa</p>

SYLLABUS

Hrs	Frontal teaching
4	Green spaces and types of garden and parks
2	History of gardens and their evolution
2	Green spaces function and garden typologies
3	Formal gardens (Italian and France gardens) informal gardens, Mediterranean gardens, modern gardens, productive gardens, urban gardens. Design criteria and correlated implications.
10	Main types of ornamental plants and their characteristics. Ornamental green spaces and climatic zones. Plant selection as influenced by climatic zone with particular emphasis on the Mediterranean environment. Criteria and parameters.
10	Landscape design: preliminary study and analysis of the site. Design criteria for open green spaces. Functional plan. Planting plan. Study cases.
8	Herbaceous annual flower plants for green landscaping. Designing and managing borders and isle beds with herbaceous annual flower plants. Plant selection criteria.

SYLLABUS

Hrs	Frontal teaching
8	Herbaceous perennial flower plants for green landscaping. Designing and managing borders and isle beds. Plant selection criteria.
10	The use of flower bulbs for green landscaping. Designing and managing borders and isle beds with bulbs, corms, tubers and rhizomes.
8	Ornamental shrubs for green landscaping. Designing and managing borders and isle beds. Plant selection criteria.
Hrs	Practice
5	Practical training: Cases study on herbaceous annual, perennial flower plants and flower bulbs for green landscaping. Designing and managing borders and isle beds.
5	Practical training: designing green spaces and small/large gardens in two different climatic regions.
5	Practical training: propagation and management of ornamental shrubs for green spaces.
3	Practical training on plant classification: herbaceous annual and perennial flower plants, flower bulbs .
Hrs	Others
7	Excursion at a regional plant nursery involved in garden design