**SSL 3108 SITE PLANNING AND LANDSCAPING (3 CU)**

Lecturers: Dr. A. Twaha Basamba (PhD)

 Mr. Patrick Musinguzi (M.Sc. Soil Science, B.Sc. Agric. Land use mgt)

**Course Type**: **CORE (B.SC LUM)**

**Course Credits (CU)**: **3 CU i.e. 45 Contact Hours per semester**

**Course Duration**: **15 Topics (45 hours) i.e. 30 LH, 30 PH**

**1. COURSE DESCRIPTION**

Introduction to site planning /land scaping, Landscaping process, planting materials for land-scaping, Urban planning and land-scaping, Land scape plans, Ground covers, landscape designing, Business skills in landscaping, Landscape software, Home-gardening, Challenges and opportunities in landscaping.

**2. COURSE OBJECTIVES**

The overall objective of this course is to enable a student develop landscape designs and have capacity to implement them.

The **specific objectives** are to:

1. Provide the students with the capacity to do guide processes in landscaping.

(ii) Equip students with competences in making land-scape designs for commercial sites and home-gardens

**3. RECOMMENDED REFERENCES FOR READING**

1. Harvey, M. and Robersten. 1996. A guide to site planning and landscaping 4th edition

2. Carter J.E. 1992. The Potential of urban forestry in developing countries.

3. Lorey G.hannebaum. Introduction to today’s landscaping

4. Real time landscaping webpage

**4. COURSE CONTENT, METHODS OF INSTRUCTION, TOOLS AND EQUIPMENT REQUIRED**

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| **TOPIC** | **CONTENT** | **METHOD OF INSTRUCTION/ Time allocated** | **TOOLS / EQUIPMENT NEEDED** |
| Topic 1:Introduction to site planning /land scaping  | * Definition of site planning and landscaping.
* Factors in site analysis
 | Interactive lecture (2 hrs) | Chalk / BB or Markers / Flip charts |
|  Topic 2:Introduction to site planning /land scaping | * Site planning for land scaping
* Site planning for agricultural land use and urban settings
 | Interactive lecture (2 hrs) | Chalk / BB or Markers / Flip charts |
| Topic 3: Landscaping process | * Advantages and disadvantages of landscaping
* Challenges of landscaping in Uganda
 | Interactive lecture (2 hrs) | Chalk / BB or Markers / Flip charts |
| Topic 4:Planting materials for land-scaping  | * Plant materials in site panning
* Properties of plants for landscaping
 | Interactive lecture (2 hrs) | Chalk / BB or Markers / Flip charts |
| Topic 5:Planting materials for land-scaping  | * Factors to consider in plant selection
* Role of plants in landscape design process
 | Interactive lecture (2 hrs) | Chalk / BB or Markers / Flip charts |
| Topic 6:Urban planning and land-scaping  | * Urban green plants, space and management plans.
* Role of green vegetation in urban areas
 | Interactive lecture (2 hrs) | Chalk / BB or Markers / Flip charts |
| * Practical (Field visits to urban parks, hotels, recreation centres, camping sites and other relevant areas)
 | Interactive field visit (3 hrs) | Chalk / BB or Markers / Flip charts |
| Topic 7:Land scape plans | * Importance of landscape plans
* Basic principles in landscape gardening
 | Interactive lecture (2 hrs) | Chalk / BB or Markers / |
| Topic 8:Land scape plan | * Features of landscape plan
* Unity in the design
 | Interactive lecture (2 hrs) | Chalk / BB or Markers / maps |
| Topic 9:Ground covers  | * Types of ground covers
* Specific roles of ground-covers in site beautification
 | Interactive lecture (2 hrs)  | Chalk / BB or Markers / maps  |
| Topic 10:Landscape designing | * Principle of planting designs
* Procedures in development of landscape design
 | Interactive lecture (2 hrs) | Chalk / BB or Markers / |
| Topic 11.Landscape designing  | * Unity in the design
* Site surveying and management
 | Interactive lecture (2 hrs) | Chalk / BB or Markers / computer lab |
| Topic 12. Skills in landscaping | * Inter-personal management skills
* Business skills and budgeting
 | Interactive lecture (2 hrs) | Chalk / BB or Markers / computer lab |
| Topic 13:Landscape software  | * Introduction to landscape software
* Types of landscape software
 | Interactive lecture (2 hrs) | Chalk / BB or Markers/Flip charts |
| * Using a computer to develop landscape designs
 | Class Practical (3 hrs) | LCD projector, Computer lab |
| Topic 14:Land scape software  | * Advantages and disadvantages of soft-wares
* Key terms in landscape software application
 | Interactive lecture (2 hrs) | Chalk / BB or Markers / Flip charts |
| Topic 15:Commercial home-gardening  | * Types of commercial designs
* Designing home-gardens
* Challenges and opportunities in Uganda
 | Interactive lecture (2 hrs) | Chalk / BB or Markers |
| * Practical visit to some sites and commercial centres
 | Field visit to selected sites/homes (4 hrs) | GPS, Camera, tape-measures  |
| * Presentation in seminars of group landscape plans
 | Seminar presentation (5 hours  | Field visit, LCD projector |

**5. SUMMARY OF TIME NEEDED**

Interactive lectures 30 hrs

Field visit/class practical 10 hrs

Seminar 05 hrs

Evaluation 02 hrs

*(Continuous assessments in week 6 and week 12)*

**6. OVERALL COURSE EVALUATION**

Continuous Assessment Test 20%

Class practicals, Field work 20%

Final examination 60%