

AGI5373 Agroforestry

Level	5
Course Code	AGI5373
Course Title	Agroforestry
Credit value	3
Core/Optional	Optional
Course Aim/s	To provide knowledge on agro-forestry for sustainable utilization of natural resources in agricultural production
Course Learning Outcomes (CLO):	<p>CLO1: To explain the basic concept of agro-forestry [PO1, PO2, PO11]</p> <p>CLO2: To evaluate different agro-forestry systems with respect to their complexities[PO4, PO5,PO7, PO11]</p> <p>CLO3: To Solve problems in natural resource management to ensure sustainable Agriculture [PO6, PO7, PO9, PO11]</p>
Content (Main topics, sub topics)	<p>Outline Syllabus:</p> <p>Unit 1 Agroforestry</p> <ul style="list-style-type: none"> Session 1 An introduction to agroforestry Session 2 Distribution of agroforestry systems Session 3 Productivity of agroforestry systems Session 4 Role of tree species in agroforestry Session 5 Interactions within agroforestry systems Session 6 Agroforestry and rural society Session 7 Economics of agroforestry Session 8 Agroforestry in Sri Lanka <p>Unit 2 Agroforestry systems</p> <ul style="list-style-type: none"> Session 8 Home gardens Session 9 Shifting cultivation Session 10 Plantation crop cultivation Session 11 Taungya Session 12 Intercropping Session 13 Silvopastoral system Session 14 Other systems <p>Unit 3 Agroforestry and sustainable development</p> <ul style="list-style-type: none"> Session 15 Soil productivity and protection Session 16 Water conservation Session 17 Protection of biodiversity Session 18 Nutrient cycling Session 19 Pest management Session 20 Protection of biodiversity Session 21 Integrated natural resource management <p>Field visit: Yes</p>