

**Wolaita Sodo University**

**College of Agriculture Graduate Profile Proto-type**

**Department of Horticulture**

S. No	Department	Expected competences from graduate		Where they are going to be hired
		Practical Skill	Soft skill	
1.	Horticulture	<ul style="list-style-type: none"> <li>• Promote and disseminate agricultural technology through training of farmers</li> <li>• Assist in planning, implementing, monitoring and evaluating programs/projects related to horticultural production, protection and management in sustainable base</li> <li>• Involve in research activities in the area of his/ her professional field of study.</li> <li>• Design and conduct trainings for specialized skill and knowledge in areas of horticulture in agricultural colleges, universities and training centers</li> <li>• Integrate horticultural crop production and natural resources management issues with other farming enterprises</li> <li>• Involve in consultancy and advisory service in the field of horticulture.</li> <li>• Generate self employment and establish and manage private enterprises related to their profession and related fields.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Able to Plan, design, execute and manage residential, public and commercial landscape.</li> <li>▪ Able to Propagate, produce and manage horticultural planting materials.</li> <li>▪ Able to Provide professional service and leadership in horticultural enterprises</li> <li>▪ Able to Design, execute, and monitoring &amp; evaluation of horticultural projects</li> <li>▪ Leading, Motivating and professionals.</li> <li>▪ Capable to teach and train in several aspect of horticultural fields</li> <li>▪ Possesses the</li> </ul>	<ul style="list-style-type: none"> <li>• In horticultural crop production and natural resources management.</li> <li>• In any farming enterprises</li> <li>• In Research Institutions.</li> <li>• Involve in consultancy and advisory service in the field of horticulture.</li> <li>• In Floriculture enterprises.</li> <li>• In Universities.</li> <li>• In Urban development in the field of horticulture.</li> <li>• In Landscape area beautification.</li> </ul>

	<ul style="list-style-type: none"><li>▪ Plan, design, execute and manage residential, public and commercial landscape.</li><li>▪ Propagate, produce and manage horticultural planting materials.</li><li>▪ Provide professional service and leadership in horticultural enterprises</li><li>▪ Design, execute, and monitoring &amp; evaluation of horticultural projects</li><li>▪ Possesses capabilities to positively influence the community and serve as an agent of change in matters pertaining to his/her field.</li><li>▪ Possess the knowledge and appreciation of underutilized horticultural crops.</li><li>▪ Generate and operate different pre and postharvest technologies to minimize losses.</li><li>▪ Design value adding post-harvest technologies and practices for horticultural produce</li><li>▪ Identify biotic and abiotic factors limiting horticulture crops produce and design management options</li><li>▪ Manage greenhouse horticultural crop production ,facilities and equipments</li><li>▪ Understand basics of horticultural plant structures and functions</li><li>▪ Dedicate to live and work with the farming community.</li><li>▪ Generate analysis and present different work reports in written as well as oral communication.</li></ul>	<p>necessary background knowledge to pursue further advanced study in horticulture</p>	
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