

**Wolaita Sodo University**

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

**Department of Plant Science**

S.No	Department	Degree nomenclature	Expected competences from graduates		Where they are going to be hired
			Academic Knowledge	Practical skill	
	Plant Science	Bachelor of Science in Plant Sciences	<p>Graduates of the department of plant sciences program are well equipped with knowledge, skills and attitude needed to;</p> <ul style="list-style-type: none"> <li>✚ Promote and disseminate agricultural technology through training of farmers and extension worker</li> <li>✚ Identify and analyse problems related to plant sciences and devise appropriate solutions</li> <li>✚ Plan, implement, monitor and evaluate programs/projects related to plant production,</li> </ul>	<ul style="list-style-type: none"> <li>✚ To produce adequate and well trained manpower that will regionally, nationally and internationally contribute to generation, dissemination and adoption of improved plant production and protection technologies;</li> <li>✚ To provide students with basic and applied knowledge of natural resources (soils, agricultural waters and forestry); and field, horticultural and industrial crops production and protection;</li> <li>✚ To enable the students understand and comprehend problems in crop production and seek solutions through exposure to research, extension and management;</li> <li>✚ To enable the students gain the skill and knowledge of proper management and conservation of natural resources and protecting the environment;</li> <li>✚ To provide the students with the knowledge of handling plants and</li> </ul>	<ul style="list-style-type: none"> <li>✚ In agriculture office</li> <li>✚ In agricultural research centers</li> <li>✚ In urban and rural development centers</li> <li>✚ In sugar factories</li> <li>✚ NGOs ( ILRI, CMMYT)</li> <li>✚ In agro-industries</li> <li>✚ Universities and ATVET colleges</li> </ul>

			<p>protection and management in sustainable base</p> <ul style="list-style-type: none"> <li>✚ Involve in research undertakings in the areas of crop production, crop protection, and natural resources</li> <li>✚ Design and conduct trainings for specialized skill and knowledge in areas of plant sciences</li> <li>✚ Assist policy makers and development practitioners on appropriate plant sciences and natural resources management techniques</li> <li>✚ Generate self employment, establish and manage private enterprises related to their profession and related fields.</li> </ul>	<p>their products;</p> <ul style="list-style-type: none"> <li>✚ To integrate training-research-extension to increase the efficiency of plant technology generation, dissemination and adoption by end-users and, thereby, contribute to the intended regional and national development;</li> <li>✚ To enable students to conduct relevant research in plant science in problems that affect the region and the nations;</li> </ul>	
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