

PROGRAM LEARNING OUTCOMES (PLOs) OF BACHELOR OF HORTICULTURE AND LANDSCAPE DESIGN

Upon completion of the program, students are able to:	
General knowledge	1. Apply natural, environmental and social science knowledge and understanding of contemporary issues in the Horticulture and Landscape Design.
	1.1. Apply natural science knowledge in Horticulture and Landscape Design.
	1.2. Apply environmental science knowledge in the Horticulture and Landscape Design.
	1.3. Apply social science knowledge and understanding of contemporary issues in the Horticulture and Landscape Design.
Professional knowledge	2. Apply scientific knowledge and cultivation techniques to produce horticultural products to meet market demand.
	2.1. Apply crop science knowledge to build high-tech demonstration farms/ advanced procedures for producing horticultural products to meet market demand.
	2.2. Apply crop farming techniques to build high-tech demonstration farms/ advanced procedures for producing horticultural products to meet market demand.
	3. Apply knowledge of landscape design, construction and maintenance to meet specific cultural, social, environmental and economic needs.
	3.1. Apply knowledge of landscape and landscape design to find ideas for landscape design that meet specific cultural, social, environmental and economic needs.
	3.2. Apply knowledge of landscape design for designing landscapes to meet specific goals.
	3.3. Apply knowledge of landscape for constructing landscapes to meet design standards.
	3.4. Apply knowledge of landscape for maintaining landscapes according to artistic and technical standards.
General skills	4. Work effectively in a team where members join together to lead the team, create a collaborative and inclusive environment, set goals, plan tasks, and meet goals.
	4.1. Apply proficiently plan and time management skills during teamwork.
	4.2. Apply proficiently build and development internal relationship skills for establishing connections, resolving conflicts and external relations in the working process of the group.
	4.3. Apply proficiently evaluation skills for determining individual, team and collaboration performance with the team in continuous improvement.
	5. Communicate effectively with stakeholders (farmers, clients, professionals, managers).
	5.1. Collect, process and communicate information with stakeholders effectively.
	5.2. Use context-appropriate language: academic and social communication.
	5.3. Use a combination of communication elements: feelings, emotions and values (feelings, emotions, values) for communicating effectively.
	5.4. Behave appropriately with stakeholders in a diverse environment, respecting multicultural differences.
	5.5. Use English at the B1 level.
	5.6. Use proficiently information technology for production and design work .
6. Scientific research in the professional field.	

	6.1. Survey for identifying problems those need to be researched.
	6.2. Assess accurately the strengths, weaknesses, similarities and differences of the survey methods (forms of inquiry) and select the appropriate method.
	6.3. Implement properly survey and research methods.
	6.4. Infer based on accurate scientific conclusions and drawing creative solutions for solving successfully the research problem.
Professional skill	7. Research domestic and international markets to develop horticulture and landscape products those meet the demands of public health, environment and economy.
	7.1. Analyse domestic market of horticulture and landscape products.
	7.2. Analyse world market of horticulture and landscape products.
	7.3. Propose strategies to develop horticulture and landscape products to meet the demands of public health, environment and economy in Vietnam and towards the world market.
	8. Transfer technical advances and new technologies to horticultural production and landscape management.
	8.1. Transfer technical advances and new technologies into horticultural production.
	8.2. Transfer technical advances and new technologies into landscape management.
Attitudes	9. Maintain professional ethics, carry out environmental protection responsibilities and behave in accordance with ethical standards and respect multiculturalism.
	9.1. Maintain professional ethics.
	9.2. Take responsibility for environmental protection.
	9.3. Behave in an ethical manner and show respect for multiculturalism.
	10. Show a willingness to learn for life, an innovative and creative spirit to respond to rapid changes in science and technology.
	10.1. Identify accurately own limitations to the knowledge and competencies required of a bachelor's degree of the Horticulture and Landscape Design and modern trends in the profession.
	10.2. Be willing to learn when given the opportunity to learn, and improve knowledge and capacity.
	10.3 Be open to different and creative ideas.