

## PPS program consistency

	<b>NQF Learning Domains and Learning Outcomes</b>	<b>Teaching Strategies</b>	<b>Assessment Methods</b>
<b>1.0</b>	<b>Knowledge</b>		
1.1	Define the concepts of various aspects of plant production.	Lectures - discussion	Written Test
1.2	Describe theoretical and practical backgrounds related to plant production.	Lectures - discussion Field and lab sessions	Written Test (quizzes, midterm and final exams)
1.3	Recognize obstacles facing plant production in Saudi Arabia.	Lectures - discussion	Written Test (quizzes, midterm and final exams)
1.4	Outline feasible measures to maintain agricultural sustainability.	Lectures - discussion	Written Test (quizzes, midterm and final exams)
<b>2.0</b>	<b>Cognitive Skills</b>		
2.1	Recognize certain aspects pertaining to particular areas of plant production.	Lectures - discussion	Written Essay Test
2.2	Comparative theoretical approaches to the management of plant production field.	Lectures - discussion	Written Essay Test
2.3	Critical evaluation of factors involved in plant production.	Lectures - Group discussion	Rubric Assessment
2.4	Compose practical actions for the sustainability of agriculture.	Lectures - Group discussion	Case Study
<b>3.0</b>	<b>Interpersonal Skills and Responsibility</b>		
3.1	Demonstrate personal skills to identify factors hindering agricultural plant production.	Group discussion	Paper-pencil Self-evaluation
3.2	Show personal ability to solve problems pertaining to plant production.	Group discussion	Oral Presentation
<b>4.0</b>	<b>Communication, Information Technology, Numerical</b>		
4.1	Demonstrate good experiences related to plant production aspects.	Small Group discussion	Paper-pencil Self-evaluation
4.2	Illustrate abilities to use technology tools and information in the plant production field.	Group discussion	Rubric Assessment

The PPS Program was developed within the National Qualifications Framework (NQF) for Higher Education in the Kingdom of Saudi Arabia. Four domains (I. Knowledge, II. Cognitive Skills, III. Interpersonal Skills and Responsibility and IV. Communication, IT and Numerical Skills) were selected as student learning outcomes (SLOs). Students should pass 135 credit hours to earn a BSc degree in Plant Production Sciences (PPS). While PPS curriculum was developed to be comparable to leading international counterparts, emphases were also put to include knowledge of regulations and practices in Saudi Arabia, and ability of students to apply concepts to issues and problems of national significance. In this context, intended SLOs are consistent with requirements for professional practices in agriculture sector in Saudi Arabia and fulfill NCAAA accreditation requirements.

To ensure appropriateness and adequacy of SLOs, PPS program periodical assessment is conducted. Assessment includes graduating student surveys, employment outcome data, and feedback from stakeholders. Subsequent performance of graduates is used to provide evidence about the appropriateness of intended SLOs and the extent to which they are achieved.