UNIVERSITY OF THE PUNJAB

NOTIFICATION

It is hereby notified that the Syndicate at its meeting held on 01-01-2026 has approved the recommendations of the Academic Council made at its meeting dated 16-12-2025 regarding inclusion of Field Crop Production-I and Field Crop Production-II in 3rd and 4th Semesters of B.Sc. (Hons.) Agriculture with effect from the Academic Session Spring 2026.

The Curriculum of Field Crop Production-I and Field Crop Production-II in 3rd and 4th Semesters of B.Sc. (Hons.) Agriculture is attached herewith, vide Annexure 'A'.

Sd/-
Dr. Ahmad Islam
Registrar

Admin. Block,
Quaid-i-Azam Campus,
Lahore.

No. D/ 315 /Acad. **Dated: 27-01-2026.**

Copy of the above is forwarded to the following for information and further necessary action: -

1. The Dean, Faculty of Agricultural Sciences
2. The Chairman, Department of Agronomy.
3. Controller of Examinations
4. Director, IT (*for Uploading on website*)
5. Assistant Registrar (Statutes)
6. Secretary to the Vice-Chancellor
7. Private Secretary to the Pro-Vice-Chancellor
8. Private Secretary to the Registrar

Assistant Registrar (Academic)
for Registrar

Faculty of Agricultural Sciences
University of the Punjab, Lahore

Course Outline

Program	B.Sc. (Hons.) Agriculture	**Course Code**	AGR-201	**Credit Hours**	2 (1-1)
Course Title	Field Crop Production-I				

Course Introduction

To familiarize with agricultural crops, their importance, production technology and varieties

Learning Outcomes

On the completion of the course, the students will:

1. Understand basics of crop production.
2. Production technology of the crops being grown in Pakistan.
3. Importance of agronomic crops
4. Special practices of the specific crops.
5. Varieties of the crops being grown in Pakistan.

Course Content		**Assignments/Readings**
Week 1	Introduction; Overview of Field Crop Production-I Introduction of students, teacher, course and breakup of the course, overview of the previously taught FP-I	Crop production by Nazir, M. S. Pages 3-12
	Practical work Course introduction	
Week 2	Wheat Botany, top producers of wheat, Pakistan's status in wheat production, importance, production technology, harvesting, storage and varieties of wheat	Crop production by Nazir, M. S. Pages 15-26
	Identification of crops	
Week 3	Oat Botany, top producers of oat, Pakistan's status in oat production, importance, production technology, harvesting, storage and varieties of oat	Crop production by Nazir, M. S. Pages 211-216 Group discussion activity
	Identification of crop seeds	
Week 4	Barley Botany, top producers of barley, Pakistan's status in barley production, importance, production technology, harvesting, storage and varieties of barley	Crop production by Nazir, M. S. Pages 233-250 & 251-276 Topics of assignments
	Study tour to agronomic research farm UAF	

Week 5	Lentil Botany, top producers of lentil, Pakistan's status in lentil production, importance, production technology, harvesting, storage and varieties of lentil	Crop production by Nazir, M. S. Pages 233-250 & 251-276 Quiz test
	Demonstration of improved sowing methods of crops	
Week 6	Sugarcane Botany, top producers of sugarcane, Pakistan's status in sugarcane production, importance, production technology, harvesting, storage and varieties of sugarcane	Crop production by Nazir, M. S. Pages 421-466
	Delinting of cotton seed	
Week 7	Jute Botany, top producers of jute, Pakistan's status in jute production, importance, production technology, harvesting, storage and varieties of jute, boll formation, retting	Crop production by Nazir, M. S. Pages & Internet Group discussion activity
	Sowing of rice nursery	
Week 8	Rapes and mustards Botany, top producers of rapes and mustards, Pakistan's status in rapes and mustards, production, importance, production technology, harvesting, storage and varieties of rapes and mustards	Crop production by Nazir, M. S. Pages 329-390
	Transplanting of rice nursery	
Week 9	***MID TERM EXAMS***	
Week 10	Linseed Botany, top producers of linseed, Pakistan's status in linseed, production, importance, production technology, harvesting, storage and varieties of linseed	Crop production by Nazir, M. S. Pages 329-390
	Sowing of tobacco nursery	
Week 11	Safflower Botany, top producers of safflower, Pakistan's status in safflower, production, importance, production technology, harvesting, storage and varieties of safflower	Crop production by Nazir, M. S. Pages 329-390 Topics of assignments
	Transplanting of tobacco nursery	
Week 12	Chickpea Botany, top producers of chick pea, Pakistan's status in chick pea production, importance, production technology, harvesting, storage and varieties of chick pea	Crop production by Nazir, M. S. Pages 277-328 Group discussion activity
	Intercultural practices	

Week 13	Berseem Botany, top producers of berseem, Pakistan's status in berseem, production, importance, production technology, harvesting, storage and varieties of berseem	Crop production by Nazir, M. S. Pages 277-328 Quiz test
	Seed inoculation	
Week 14	Lucerne Botany, top producers of lucerne Pakistan's status in lucerne and oat, production, importance, production technology, harvesting, storage and varieties of lucerne	Crop production by Nazir, M. S. Pages 277-328
	Seed treatment with fungicides	
Week 15	Mott grass Botany, top producers of mott grass, Pakistan's status in mott grass, production, importance, production technology, harvesting, storage and varieties of mott grass	Crop production by Nazir, M. S. Pages 467-494
	Demonstration of harvesting & threshing methods	
Week 16	Tobacco Botany, top producers of tobacco, Pakistan's status in tobacco, production, importance, production technology, harvesting, storage and varieties of tobacco	Crop production by Nazir, M. S. Pages 467-494 Group discussion activity
	Field visits	
Week 17	Course review Review of whole course through class discussion	
	Revision of Lab work	
Week 18	***FINAL TERM EXAMS***	

Textbooks and Reading Material

1. Arnon, I. 1992. Agriculture in dry lands- Principles & Practices. Elsevcer Sci. Pub. USA.
2. Martin, J.H., R.P. Waldren and D.L. Stamp. 2006. Principles of Field Crop Production, 4th Ed., the MacMillan Co., New York.
3. Nazir, M.S. 1994. Crop Production. Ed. E. Bashir and R. Bantel. National Book Foundation, Islamabad.
4. Reddy, S.R. 2004. Agronomy of Field Crops. Kalyani Publishers, India.
5. Singh, S.S. 2004. Crop Improvement. Kalyani Publishers, India.
6. Stoskopf, N.C. 1981. Understanding Crop Production. Reston Pub. Co., Inc. Reston, Virginia.

Teaching Learning Strategies

1. White board and markers

2. Slide projector or multimedia
3. Overhead projector
4. Photocopy machine or photocopying facilities
5. Reference books
6. Journals
7. Internet (web sited literature)
8. Field tours

Assignments: Types and Number with Calendar

1. Assignment (10 Marks)
2. Continuous assessment (Quizzes) (10 Marks)
3. Class participation Discussion, field trip, regularity punctuality (5 Marks)

Assessment

Sr. No.	Elements	Weightage	Details
1.	Midterm Assessment	35%	Written Assessment at the mid-point of the semester.
2.	Formative Assessment	25%	Continuous assessment includes: Classroom participation, assignments, presentations, viva voce, attitude and behavior, hands-on-activities, short tests, projects, practical, reflections, readings, quizzes etc.
3.	Final Assessment	40%	Written Examination at the end of the semester. It is mostly in the form of a test, but owing to the nature of the course the teacher may assess their students based on term paper, research proposal development, field work and report writing etc.

Faculty of Agricultural Sciences
University of the Punjab, Lahore

Course Outline

Program	B.Sc. (Hons.) Agriculture	Course Code	AGR-202	Credit Hours	2 (1-1)
Course Title	Field Crop Production-II				

Course Introduction

To familiarize with agricultural crops, their importance, production technology and varieties

Learning Outcomes

On the completion of the course, the students will:

1. Understand basics of crop production.
2. Production technology of the crops being grown in Pakistan.
3. Importance of agronomic crops
4. Special practices of the specific crops.
5. Varieties of the crops being grown in Pakistan.

	Course Content	Assignments/Readings
Week 1	Introduction; Overview of Field Crop Production-II Introduction of students, teacher, course and breakup of the course, overview of the previously taught FP-II	Crop production by Nazir, M. S. Pages 3-12
	Practical work Course introduction	
Week 2	Rice Botany, top producers of rice, Pakistan's status in rice production, importance, production technology, harvesting, storage and varieties of rice	Crop production by Nazir, M. S. Pages 251-258
	Identification of crops	
Week 3	Maize Botany, top producers of maize, Pakistan's status in maize production, importance, production technology, harvesting, storage and varieties of maize	Crop production by Nazir, M. S. Pages 261-268 Group discussion activity
	Identification of crop seeds	
Week 4	Sorghum Botany, top producers of sorghum, Pakistan's status in sorghum production, importance, production technology, harvesting, storage and varieties of sorghum	Crop production by Nazir, M. S. Pages 270-272 Topics of assignments
	Study tour to agronomic research farm UAF	

Week 5	Millet Botany, top producers of millet, Pakistan's status in millet production, importance, production technology, harvesting, storage and varieties of millet	Crop production by Nazir, M. S. Pages 272-273 Quiz test
	Demonstration of improved sowing methods of crops	
Week 6	Sunflower Botany, top producers of sunflower, Pakistan's status in sunflower production, importance, production technology, harvesting, storage and varieties of sunflower	Crop production by Nazir, M. S. Pages 342-350
	Delinting of cotton seed	
Week 7	Soybean Botany, top producers of soybean, Pakistan's status in soybean, importance, production technology, harvesting, storage and varieties of soybean	Crop production by Nazir, M. S. Pages 330-340 Group discussion activity
	Sowing of rice nursery	
Week 8	Sesame Botany, top producers of sesame, Pakistan's status in sesame, production, importance, production technology, harvesting, storage and varieties of sesame	Crop production by Nazir, M. S. Pages 358-361
	Transplanting of rice nursery	
Week 9	***MID TERM EXAMS***	
Week 10	Groundnut Botany, top producers of ground nut, Pakistan's status in sesame, ground nut, importance, production technology, harvesting, storage and varieties of ground nut	Crop production by Nazir, M. S. Pages 351-357
	Sowing of tobacco nursery	
Week 11	Castor bean Botany, top producers of castor bean, Pakistan's status in castor bean, production, importance, production technology, harvesting, storage and varieties of castor bean	Crop production by Nazir, M. S. Pages 362-365 Topics of assignments
	Transplanting of tobacco nursery	
Week 12	Sugar beet Botany, top producers of sugar beet Pakistan's status in sugar beet production, importance, production technology, harvesting, storage and varieties of sugar beet	Crop production by Nazir, M. S. Pages 421-428 Group discussion activity
	Intercultural practices	

Week 13	Cotton Botany, top producers of cotton, Pakistan's status in cotton, production, importance, production technology, harvesting, storage and varieties of cotton	A text book of Agronomy by Chandrasekaran et al., Pages 611-622 Quiz test
	Seed inoculation	
Week 14	Black gram Botany, top producers of black gram, Pakistan's status in black gram, production, importance, production technology, harvesting, storage and varieties of black gram	A text book of Agronomy by by Chandrasekaran et al., Pages 622-624; 650-654
	Seed treatment with fungicides	
Week 15	Green gram Botany, top producers of cotton, Pakistan's status in green gram, production, importance, production technology, harvesting, storage and varieties of green gram	Crop production by Nazir, M. S. Pages 301-311
	Demonstration of harvesting & threshing methods	
Week 16	Cowpea; Pigeon pea Botany, top producers of cowpea and pigeon pea, Pakistan's status in cowpea and pigeon pea, production, importance, production technology, harvesting, storage and varieties of cowpea and pigeon pea	Crop production by Nazir, M. S. Pages 319; 313-314 Group discussion activity
	Field visits	
Week 17	Cluster bean; Sesbania Botany, top producers of cluster bean and sesbania, Pakistan's status in cluster bean and sesbania, production, importance, production technology, harvesting, storage and varieties of cluster bean and sesbania	Crop production by Nazir, M. S. Pages 489-490
	Revision of Lab work	
Week 18	***FINAL TERM EXAMS***	

Textbooks and Reading Material

1. Arnon, I. 1992. Agriculture in dry lands- Principles & Practices. Elsevier Sci. Pub. USA.
2. Martin, J.H., R.P. Waldren and D.L. Stamp. 2006. Principles of Field Crop Production, 4th Ed., the MacMillan Co., New York.
3. Nazir, M.S. 1994. Crop Production. Ed. E. Bashir and R. Bantel. National Book Foundation, Islamabad.
4. Reddy, S.R. 2004. Agronomy of Field Crops. Kalyani Publishers, India.
5. Singh, S.S. 2004. Crop Improvement. Kalyani Publishers, India.
6. Stoskopf, N.C. 1981. Understanding Crop Production. Reston Pub. Co., Inc. Reston, Virginia.

Teaching Learning Strategies
1. White board and markers 2. Slide projector or multimedia 3. Overhead projector 4. Photocopy machine or photocopying facilities 5. Reference books 6. Journals 7. Internet (web sited literature) 8. Field tours

Assignments: Types and Number with Calendar
1. Assignment (10 Marks) 2. Continuous assessment (Quizzes) (10 Marks) 3. Class participation Discussion, field trip, regularity punctuality (5 Marks)

Assessment

Sr. No.	Elements	Weightage	Details
1.	Midterm Assessment	35%	Written Assessment at the mid-point of the semester.
2.	Formative Assessment	25%	Continuous assessment includes: Classroom participation, assignments, presentations, viva voce, attitude and behavior, hands-on-activities, short tests, projects, practical, reflections, readings, quizzes etc.
3.	Final Assessment	40%	Written Examination at the end of the semester. It is mostly in the form of a test, but owing to the nature of the course the teacher may assess their students based on term paper, research proposal development, field work and report writing etc.