

## Department of Plant Protection

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### Curriculum for the Degree of Bachelor of Science in Agriculture, Major: Plant Protection.

COURSE CODE	COURSE TITLE	CREDITS
<b>Semester I (Fall)</b>		
36-22-103	Botany I	3
20-10-118	General Physics	2
20-10-119	General Physics Lab.	1
21-10-103	General Chemistry (major in Eng.)	3
36-22-101	Biology	2
-	General Courses*	-
<b>Semester II (Spring)</b>		
36-22-105	Botany II	3
19-14-103	Calculus I	3
36-20-222	Fundamentals of Soil Science	3
21-12-229	Organic Chemistry	3
36-24-113	Zoology	3
-	General Courses	-
<b>Semester III (Fall)</b>		
36-22-209	Genetics	3
36-26-201	Biochemistry	3
36-22-225	Meteorology and Climatology	3
36-22-122	Principles of Agronomy	3
36-22-107	Probability & Statistics	3
36-28-221	General Entomology and Pest Control	3
-	General Courses	-
<b>Semester IV (Spring)</b>		
36-14-222	Horticultural Science	3
36-22-411	Ecology	3
36-22-329	Experimental Design in Agriculture I	3
36-28-223	Plant Pathology	3
-	General Courses	-
<b>Semester V (Fall)</b>		
36-28-337	Mycology	3
36-28-331	Entomology	3
36-28-340	Principles of Pest Control	2
36-28-342	Principles of Plant Disease Control	2
36-30-226	Farm Machinery	3
-	General Courses	-
<b>Semester VI (Spring)</b>		
36-28-343	Field Crop Pests	3
36-28-345	Field Crop Diseases	3
36-18-221	Agricultural Economics	3
36-22-327	Field Work Training	3
-	General Courses	-
-	Elective Courses**	-

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<b>Semester VII (Fall)</b>		
36-28-447	Toxicology	3
36-12-224	Principles and Methods of Irrigation	3
36-28-449	Plant Protection Seminar	1
36-22-478	Fundamentals of Sustainable Agriculture	2
-	General Courses*	-
-	Elective Courses	-
<b>Semester VIII (Spring)</b>		
36-28-451	Fruit Tree Pests	3
36-28-453	Fruit Tree Diseases	3
36-28-460	Vegetable and Ornamental Crop Pests and Diseases	3
36-22-449	Plant Protection Seminar	1
36-28-455	Chemical Control Technology	1
36-28-490	Training in Plant Protection	2
-	General Courses	-
-	Elective Courses	-

\*For more information please visit the following web sites: <http://elc.iut.ac.ir/>, <http://maaref.iut.ac.ir/> and <http://physical-ed.iut.ac.ir/>

### **\*\*List of Elective Courses**

<b>COURSE CODE</b>	<b>COURSE TITLE</b>	<b>CREDITS</b>
36-28-476	Plant Pathogenic Prokaryotes and Viruses	3
36-28-481	Stored Product Pests	2
36-28-470	Pollinator Insects and Honey Bees	2
36-28-483	Plant Physiological Disorders	1
36-28-467	Nematology	2
36-28-471	Principles of Insect Classification	2
36-28-485	Acarology	2
36-22-343	Weeds and their control	3
36-16-467	Agricultural Biotechnology	3