# [A-3]COURSE SYLLABUS

## 1. Course Description (Approximately 100 words)

The Oilseeds Production Technology is an important course that includes the importance of oilseeds in agriculture, its history, biology, morphology and modern cultivation technologies. During the mastering process of the course, students will have the following knowledge: assessing the development conditions of oilseed crops; selecting alternative varieties; defining the development period, preparing the land for planting; accurate distributing the fertilizers for crops; effective using agricultural machines and herbicides; defining methods and standards of crop irrigation; determining the annual yield;harvesting and primary processing.
The course is special subject for senior students of Bachelors Degree that interdependent with Soil science and agrochemistry, Fundamentals of agricultural research, Botany and plant physiology, Plant growing and Agricultural machines.

## 2. Course Goals and Objectives (Approximately 100 words)

The aim of the course is to educate specialists who have perfectly mastered the biological properties, developmental periods of development, the scientific justification of the process observed and the process of managing and modernizing the production of high yields of oilseed crops.
The objective of the course is to teach the students on conditions of the biological development of oilseed crops; scientific substantiation of requirements of crops to the environment; development and scientific substantiation of development stages and organogenesis. In addition, it provides full information to students on seed formation, development, biology and teach modern farming technologies.

## 3. Textbook (Title, Author, Publisher, Year of Publication, etc.)

1. Д.Ёрматова, Х.Хушвақтова - “Мойли экинлар” , Т.Мехнат, 2003
2.Х.Н.Атабаева,Қодирхўжаев- «Ўсимликшунослик»-Т.Янги аср авлоди, 2006.
3.Х.Н.Атабаева ва бошқ-Ўсимликшунослик -Т.Мехнат, 2000.
4.Х.Атабаева .”Соя” Тошкент 2004 й.
4.М.Қ.Луков -Мойли экинлар селексияси ва уруғчилиги-лексиялар курси-Самарқанд,

## 4. Reference

1. http:www.Plant growing.
2. http://www.grain.ru.
3. www. Plant protection.com
4. http://www.icac.org/
5. http://www.FAO.ru.

## 5. Course Requirements and Grades

For studying the course, students should know following basic subjects:
- Soil Science and Agrochemistry, Fundamentals of agricultural research; Botany and plant physiology; Plant science; Agricultural machines.

The final grade will be calculated using the following areas and weights:

| | |
|---|---|
| Assignments | 35 |
| Mid-term Exams | 35 |
| Final Examination | 30 |
| Total | 100 balls |

## 6. Course Calendar

| Week | Main Content |
|---|---|
| 1 | General description of oilseed crops |
| 2 | General description and biology of sunflower |
| 3 | Sunflower cultivation technology |
| 4 | General description and biology of safflower |
| 5 | Safflower cultivation technology |
| 6 | The importance and biology of flax |
| 7 | Flax cultivation technology |
| 8 | General description and biology of peanut |
| 9 | Peanut cultivation technology |
| 10 | General description and biology of soybean |
| 11 | Soybean cultivation technology for oil purposes |
| 12 | General description, biology, and cultivation technology of essential-oil crops |
| 13 | |
| 14 | |