[A-3]COURSE SYLLABUS

1. Course Description (Approximately 100 words)

Dendrology is about systematic study of tree-bushes systematics, their lifetime, geographical distribution, morphology, biology (growth law), lifespan, biodiversity, ecology and evolutionary development.
The course designed as a general-special subject for sophomore students of Bachelors Degree, including Forestry and Residential Landscaping specialities.
During the mastering of the course the students will learn the biology, ecology and morphology of trees, selection of trees and shrubs for planting, planting and growing, as well as the technology of growing seedlings for gardening and protecting trees. This knowledge allows selection and breeding of trees and bushes for different purposes and conditions.
Dendrology serves as the basis for the study of other disciplines such as "Forestry", "Forest Selection", "Cultural Forests", "Forest Amelioration", "Landscaping of Residences", "Forest Tourism and Forestry".

2. Course Goals and Objectives (Approximately 100 words)

The aim of the course is to provide information on the systematics of trees and shrubs, their life forms, morphology, biology, life span, methods of reproduction, relations with species and their evolutionary development .
The objective of a course is to teach the students to study the morphology, systematics, geographical distribution, range, resources of the main forest-bearing tree species, and their use in the national economy as well as increasing methods of the productivity of the forests of the Republic, introduction of valuable and unique species of trees and the ways to enrich the Uzbek dendrofloral content.

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

1. Қайимов А.К., Бердиев э.Т. Дендрология. Тошкент – “Фан ва технология”, 2012. 280 б.
2. Қайимов А.К., Бердиев э.Т. Дендрология. Тошкент – “Чўлпон”, 2012.330 б.
3. Қайимов А. Дендрология. Тошкент – “Илм-Зиё”, 2007.
4. Бондарева О. Хвойные в дизайне сада. Москва, ЗАО «Фитон+», 2010.
5. Вилданова К.Д. Декоративные кустарники. Ташкент – «Шарк», 2006.
6. Хоназаров А.А. ва бошқ. Ўзбекистон худудини кўкаламзорлаштиришда фойдаланиладиган асосий манзарали дарахтлар ва буталар. Тошкент – “Фан ва технология”, 186 бет. Кўрсатма. 2008.

4. Reference

1. www.ziyonet.uz
2. http://bse.sci-lib.com
3. www.msvx.uz/rus/forest.html
4. http://nauka.relis.ru
5. www.ru.wikipedia.com

5. Course Requirements and Grades

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

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

100- 86	Excellent
85 - 71	Good
70 - 55	Poor
54 - 0	Fail

6. Course Calendar

Week	Main Content
1	Introduction. Dendrology and its study. History of Dendrology
2	Tree morphology, life forms and duration of life. Phynoxification and its impo
3	Geographical distribution, introduction and climate of tree species. Dendroflc
4	The distribution of fruits and seeds in nature. Seed and vegetative reproduct
5	Ecological basics of trees. Basic ecological factors and the attitude of trees,
6	The main coniferous trees and their importance. Families of gingoes, zarnab
7	Pines and cypress family
8	The main leafy deciduous trees and their importance. Plane-trees and elms
9	Maples and mulberries families
10	Pistachios and nuts families
11	Rose family and buckthorn family
12	Willows and Angiosperms families
13	
14	