

# Southwest University

## Graduate Course Syllabus

### Course Unit: School of Food Science

Course No.	1109020322	Course	Theory of High-yield and Quality of Tea Tree								
Course category (√)	Compulsory courses (√) Elective courses ()	Credit hour	2	Total class hours	40	Lecture hours	36	Discussion Hours	4	Experiment hours	
Lecturer	Li huajun	Job title Degree	Associate Professor Bachelor of agriculture		Specialties	Cultivation and Breeding of Tea Tree and exploitation and Utilization of Tea Resources					
Range of application by majors: Tea science											
Preparatory courses: tea cultivation, tea breeding, advanced plant physiology											
Teaching objectives and requirements:  <p>Theory of High-yield and Quality of Tea Tree is a compulsory courses and degree course for postgraduates. This course takes the general rule of tea yield, including the evolution of tea yield and output, material composition and chemical composition of fresh leaves as the main content with high-quality tea theory as the central point, which introduces the new theory, new achievements and development trend of domestic and foreign tea cultivation and breeding production and scientific research. Through learning the general rules and related topics of tea yield, students can further deepen the understanding of the theory of high yield and quality of tea, grasp the principle, method, characteristics and future development trend in this field and tea cultivation and breeding of new technologies, to lay the foundation for the future study of scientific research and production practice.</p>											

Teaching methods and test methods (it should be conducive to cultivate graduates' innovative thinking and innovation ability):

It takes the classroom teaching as the mainly teaching method, combined with the content of each subject, pointed out the bibliography, puts forward thinking questions, conducts the discussion and exchange in the medium term and completes the special report (as mid-term examination results)

The comprehensive evaluation of the curriculum results is mainly based on the final written examination (closed book) with referring to the special report.

## **Course content and course hours allocation**

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|--|------------------|
| I. General regularity of high yield and good quality of tea tree | Six class hours  |
| II. China is the origin of tea tree in the world                 | Four class hours |
| III. Development of organic food and organic tea                 | Four class hours |
| IV. General of tea plantation in plastic greenhouse study        | Four class hours |
| V. Discussion and special report                                 | Four class hours |
| VI. Inheritance of main economic characters in tea plant         | Six class hours  |
| VII. Kudingcha, eagle tea and insect brewed tea                  | Four class hours |
| VIII. Application of grafting technology in tea plant            | Four class hours |
| IX. Development of famous tea and improvement of tea varieties   | Four class hours |

(Please add more pages if this page is insufficient)

**Catalog for main reference book (periodicals):**

S.N.	Author	Books and Periodicals' name	Press
1	Tea Science Institute of China	Chinese Tea Planting	China Agricultural University Press
2	Zhejiang Agricultural University	Tea Cultivation	China Agricultural University Press
3	Compiled by Jiang Changjun	Tea Breeding	China Agricultural University Press
4	Zhejiang Agricultural University	Biology of Tea Plant	China Agricultural University Press
5	Wang Zenong et al	Agriculture Tea Volume in China Encyclopedia	China Agricultural University Press
6	Compilation Committee	Varieties of Tea Plants in China	Shanghai Science and Technology Press
7	Lu Zhenhui et al	Production Technology of Organic Tea and Non-polluted tea	Hangzhou Press
8	Tea Science Institute of China	Chinese Tea	China Tea Magazine Society

Review Comments of School (Institute, Center):

Signature

(Date)

Review Comments of Student Committee:

Signature

(Date)

Review Comments of Graduate School

Signature

(Date)