Zusätzliche Module
in der Doppelabschlussoption

Additional modules available in the double degree option
## Title of module
Introductory Course into German Culture and Language

### Module Coordinator
Professor Dr. Beate Brand-Saberi

<table>
<thead>
<tr>
<th>Credit points</th>
<th>Semester in which the module is taught</th>
<th>Contact hours</th>
<th>Workload</th>
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<tbody>
<tr>
<td>5</td>
<td>1</td>
<td>3</td>
<td>150 hours</td>
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</table>

### Lecturer(s)
Brand-Saberi, Ninfa Fragale, Center for Foreign Languages (ZFA)

### Type of teaching
Active Participation, Interaction in seminars; Visits to German families; Multiple Choice Exam for culture part and Written Exam for language part

### Relation to curriculum
Optional; elective

### Recommended prerequisites
The subject is taught as a first-year level course for international students who study in China. Prerequisite is not essential.

### Aims
The students will gain a fundamental knowledge and understanding of the German culture, and acquire basic language competence.

### Learning outcome
Knowledge:
The students have gained knowledge about German culture, including philosophy and religion, clothing, food, housing, etiquette, institutions and social customs, science and technology.

Skills:
Students are familiar with the geography of Germany, the most important German philosophers, have learned traditional German songs and poems, the background of religious and general bank holidays, they can read and pronounce German words correctly, they can communicate in everyday life.

Competencies:
The students are able to act according to the German etiquette in everyday life, communicate well with their teammates, know and observe German customs. Besides, they will also have gained in responsibility and self-organization.

### Contents of module
Lecture contents comprise:
- German geography, sights of interest, regional food
- Introduction of selected German philosophers
- German literature and art
- Traditional Christian holidays
- German etiquette, institutions and social customs
- Organization of science and technology in Germany
- Excursions to German families or to important buildings
<table>
<thead>
<tr>
<th>Study and examination requirements; Forms of examination</th>
<th>Students performance during class, participation in practical work, and attendance are important. The assessment will be done on the basis of writing a paper related to the course.</th>
</tr>
</thead>
</table>
https://www.uni-frankfurt.de/57952017/Introduction-to-German-Culture-and-Customs.pdf  
Schritte 1. Deutsch als Fremdsprache: Schritte 1 + 2 Intensivtrainer: Deutsch als Fremdsprache, Niveau A1 von Daniela Niebisch und Franz Specht von Hueber |
### Title of module
Tissue Engineering and Regenerative Medicine

### Course instructor
Prof. Dr. Xu-Feng Qi, Jian-Shu Chen, Yan-Hong Yu, Shan-Shan Feng

<table>
<thead>
<tr>
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<td>Semester in which the module is taught</td>
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<tr>
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<tr>
<td>Workload</td>
<td>150</td>
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### Lecturer(s)
All PIs from the associated labs

### Type of teaching
The module “Tissue Engineering and Regenerative Medicine” consists of normal lecture “Tissue Engineering and Regenerative Medicine” and a series of workshops.

Normal lecture: Lecture hours per week, Seminar 1 hour per week

Workshop: Practical work: 13 hours per week, Seminar 1 hour per week

### Relation to curriculum
Compulsory; elective

### Recommended prerequisites
At least one of the followings:
Cellular Biology, General Biochemistry, Genetics or Molecular Biology.

### Aims
The course aims to provide an overview of fundamental concepts in tissue engineering and regenerative medicine, from basic regenerative biology to therapeutic applications.

### Learning outcome
Knowledge:
The students have gained knowledge about the basic and clinical aspects of stem cell, the conversion of stem cell types into a variety of suitable tissues and gain state-of-the-art knowledge on the potential of stem cells for the regeneration of a wide range of tissues and organs.

Skills:
Students learn to compile, critically analyse and evaluate research results, certain methods of applications to replace damaged or destroyed cells, and the skills required to present and support their findings.

Competencies:
The students develop their own ideas in this field and be enabled to plan, implement, analyze experiment and present these both orally and in writing.

### Contents of module
Normal lecture contents include:
Introduction of regenerative biology
Tissue and organ regeneration and engineering research
Clinical application and industrialization of tissue engineering and regenerative medicine
Culture technology of important cells

Workshop topics comprise:
Gene editing technology
Corneal tissue engineering
The cilia of the cell
**Study and examination requirements; Forms of examination**

Behavior properly in class, make sure the attendance. Class participation and inclass presentations count for the final grade.

No final exam, but a review related to tissue engineering and regenerative medicine should be delivered.

**Literature**


<table>
<thead>
<tr>
<th><strong>Title of module</strong></th>
<th>Language Course - Traditional Chinese Culture</th>
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<tbody>
<tr>
<td><strong>Course instructor</strong></td>
<td>Prof. Dr. Yong-Zhong Deng</td>
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<tr>
<td><strong>Credit points</strong></td>
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<tr>
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<tr>
<td><strong>Workload</strong></td>
<td>150</td>
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**Lecturer(s)**

All PIs from the associated labs

**Type of teaching**

The module "Traditional Chinese Culture" consists of the lecture "Traditional Chinese Culture", and practical work.

Lecture: Lecture 1 hours per week, Seminar 1 hour per week
Practical work: Practical work: 13 hours per week, Seminar 1 hour per week

**Relation to curriculum**

Compulsory; elective

**Recommended prerequisites**

The subject is taught as a first-year level course for international students who study in China. Prerequisite is not essential.

**Aims**

The students will gain a fundamental knowledge and understanding of Chinese culture, and acquire some basic traditional skills.

**Learning outcome**

Knowledge:
The students have gained knowledge about traditional Chinese culture, including traditional Chinese philosophy and religion, clothing, food, housing, and transportation, etiquette, institutions and social customs, science and technology.

Skills:
Students have learned to make Chinese Paper-cutting, Chinese Knot, to distinguish the difference among Eight Chinese Cuisine, to make Dumplings and to sing a traditional Chinese song and dance some of the Chinese traditional dance.

Competencies:
The students are able to communicate well with their teammates, to gain strong practical ability, finish and present their teamwork. Besides, they will also have gained in responsibility and self-organization.

**Contents of module**

Lecture contents comprise:
Introduction of Traditional Chinese Culture
Traditional Chinese literature and art
Traditional Chinese philosophy and religion
Traditional Chinese clothing, food, housing, and transportation
Traditional Chinese etiquette, institutions and social customs
Traditional Chinese science and technology

Practice includes Chinese Paper-cutting, making Chinese Knot, Dumplings and so on.
**Study and examination requirements; Forms of examination**

Students performance during class, participation in practical work, and attendance are important. Phone call is not allowed in class.

The assessment will be done on the basis of writing a paper related to the course.

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