ABSTRACT: The Geographical Institute of Ruhr-Universität Bochum and the College of Architecture and Planning (CAUP) of Tongji University have been actively cooperating in Summer- and Autumn-Schools as well as in exchange of staff members. Besides the educational benefits, Chinese and German participants established sustainable personal friendships. Co-teaching of mixed Sino-German teams in international courses brought fruitful experiences that encourage deepening the relationship between the Geographical Institute and the CAUP. Therefore a Sino-German Double Degree Master Program will start in 2013.

Summer/Autumn Schools: Comparative Planning Studies on Transformation of Urban Landscapes in Shanghai and the Ruhr Area

Since 2005, an International Summer and Autumn School Program mainly focused on Transformations of Urban Landscapes is conducted by Tongji University (CAUP, College of Architecture and Urban Planning) and RUB (Institute of Geography, Chair of Urban and Metropolitan Studies). In close cooperation, the professors in charge developed a concept for annual summer and autumn schools aiming at an internationalization of education in the master courses.

By offering the students the opportunity to meet each other twice in their respective home countries the program promotes international and interdisciplinary scientific exchange on urban and regional development in metropolitan regions as well as intercultural encounter on a personal level.

The students generate new knowledge and mutual understanding in common workshops, on excursions and field work in internationally composed teams under the guiding theme “Transformation of Urban Landscapes in Shanghai and the Ruhr Area”. Supported by their professors and other experts they are responsible to organize and guide excursions and field work in their home region focused on key issues of comparative urban research.

Optimised Course Structure
The first and second semesters of Chinese students will be taught in Shanghai, while the third and fourth semesters will be taught in Bochum. The first and second semesters of German students will be taught in Bochum, while the third and fourth semesters will be taught in Shanghai. This allows for a one year stay abroad for each group of students. This model optimizes the benefits of joint learning and cultural exchange.

Intercultural Learning
The Chinese and the German students begin their studies out of phase, i.e. with a time lag of one year. The Chinese students start one year earlier. In their second year they join the first year German students and study together with them for one year at RUB.

Competences

Master of Science in Transformation of Urban Landscape
Master in Engineering with Specialization in Landscape Architecture

Sino-German Double Degree Master-Program 'Transformation of Urban Landscapes'

Framework of the International Master Program

<table>
<thead>
<tr>
<th>Sem.</th>
<th>RUB Students</th>
<th>Chinese Students</th>
<th>Study Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st/2nd Semester Tongji-Students in Shanghai</td>
<td>Regular Study Programme of the Master in Landscape Architecture</td>
<td>Courses</td>
<td>1</td>
</tr>
<tr>
<td>1</td>
<td>Courses</td>
<td>Courses</td>
<td>Tongji (CAUP)</td>
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<tr>
<td>2</td>
<td>Courses</td>
<td>Courses</td>
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<tr>
<td>3</td>
<td>Courses</td>
<td>Courses</td>
<td>RUB (Geogr.)</td>
</tr>
<tr>
<td>4</td>
<td>Courses &amp; Case Studies</td>
<td>Courses</td>
<td>4</td>
</tr>
<tr>
<td>5</td>
<td>Final Project</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Master Thesis</td>
<td>6</td>
<td></td>
</tr>
</tbody>
</table>

Courses

- 1st/2nd Semester Tongji-Students in Shanghai
- Regular Study Programme of the Master in Landscape Architecture
- German Language Course at Tongji University

- 3rd Semester Tongji-Students at Ruhr-Universität Bochum, Germany
- Urban/Regional Planning in Germany
- Pre-Semester-Course for Chinese students only

- Autumn School Ruhr: Introduction into the Transformation of Urban Landscapes in the Metropolitan Region Ruhr
- Methods of Spatial Analysis
- Planning Theory and Practice
- German Language Course

- 4th Semester Tongji-Students at Ruhr-Universität Bochum, Germany
- Case Study I: Making new Urban Landscapes in the Metropolitan Region Ruhr
- Case Study II: Improving the Environment in the Urban Landscape in the Metropolitan Region Ruhr
- Master Colloquium
- German Language Course

- 5th/6th Semester Tongji-Students in Shanghai
- Continuation of Study Program at Tongji University together with German Students
- Master Thesis and Dissertations

10 Chinese and 10 German Participants
Preparatory Language Courses
Mobility of Students and Teachers
Co-Teaching-Courses
Cases Studies (in step with actual practice)
Common Supervision of International Comparative Master Thesis

Contact: RUB, gi-research@rub.de (Prof. Dr. Uta Hohn, Prof. Dr. Harald Zepp)
Tongji, CAUP: http://www.tongji-caup.org/ (Prof. Dr. Binyi Liu, Prof. Dr. Yuncai Wang, Associate Prof. Dr. Nannan Dong)