

**MODULE: Project Planning and Financing**

Last Update: 12.6.2012

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| 1  | Modulname/Module name  | Project Planning and Financing   |
| 2  | Kürzel/Identification code   | <u>240903002</u>   |
| 3  | Leistungspunkte (LP)/Credit points (CP)  | 6  |
| 4  | Semesterwochenstunden (SWS)/Semester load  | 4,0  |
| 5  | Moduldauer (Anzahl der Semester)/Module duration (Number of terms)                   | 2 semesters  |
| 6  | Turnus/Cycle   | every 2nd semester (starting summer semester)  |
| 7  | Sprache/Language of instruction  | English  |
| 8  | Modulverantwortlicher/Person in-charge of the module                                 | Elke Schneider<br>Universität Stuttgart<br>Pfaffenwaldring 7<br>D-70569 Stuttgart<br>Germany<br>+49-(0)711-685-66558<br>elke.schneider@mip.uni-stuttgart.de  |
| 9  | Dozenten/Lecturers   | Dr. habil. Kurt von Rabenau<br>c/o Masterstudiengang Infrastructure Planning<br>Pfaffenwaldring 7<br>70569 Stuttgart<br>Tel.: 0711 685 6 65 58   |
| 10 | Verwendbarkeit/ Zuordnung zum Curriculum/<br>Applicability/ Assignment to curriculum | MIP (M.Sc.), E, Elective<br>WAREM (M.Sc.), E, Elective   |
| 11 | Voraussetzungen/<br>Prerequisites  | None   |
| 12 | Lernziele/Intended learning outcome  | Students know how to plan and to appraise infrastructure projects in order to prepare projects themselves or to evaluate project proposals (e.g. feasibility studies) prepared by consultants. (Special focus is laid upon long-term-aspects (operation and maintenance and organization of project executing agency)).  |
| 13 | Inhalt/Content   | <b>A: Project Planning and Appraisal (SS)</b><br>Comprehensive introduction into planning and appraisal of infrastructure projects<br><br>Presentation and discussion will include: <ul style="list-style-type: none"><li>▪ importance of pre-screening, prefeasibility and feasibility studies</li><li>▪ project appraisal (financial analysis)</li><li>▪ project appraisal (economic cost benefit analysis)</li><li>▪ evaluation of project alternatives</li></ul> |

|                  |  | <ul style="list-style-type: none"> <li>▪ financial viability of projects</li> <li>▪ 2 case studies based on existing feasibility studies prepared for KfW</li> <li>▪ Logframe analysis (tool for consistent planning and risk coverage). (Will be presented in WS).</li> </ul> <p><b>B: Project Financing, Implementation and Final Evaluation (WS)</b><br/> Comprehensive introduction into financing, implementation, monitoring, and final evaluation of infrastructure projects</p> <p>Subject Description:</p> <ul style="list-style-type: none"> <li>▪ requirements of external financing</li> <li>▪ external and internal sources of financing</li> <li>▪ Private sector participation for project financing and operation (BOT models)</li> <li>▪ Private sector participation for operation and maintenance</li> <br/> <li>▪ important steps of project implementation (implementation consultant, terms of reference, tender, contract of goods and services)</li> <li>▪ supervision, monitoring, disbursement of funds</li> <li>▪ final evaluation</li> </ul> |                      |                      |                   |                |            |                  |      |      |     |  |                  |      |      |     |  |  |  |  |             |   |
|------------------|--|--|----------------------|----------------------|-------------------|----------------|------------|------------------|------|------|-----|--|------------------|------|------|-----|--|--|--|--|-------------|---|
| 14               | Literatur/Lernmaterialien/<br>Literature/Learning Materials                | <ul style="list-style-type: none"> <li>▪ Script,</li> <li>▪ Damodaran, Aswath: Corporate Finance - Theory and Practice</li> </ul>  |                      |                      |                   |                |            |                  |      |      |     |  |                  |      |      |     |  |  |  |  |             |   |
| 15               | Lehrveranstaltungen und<br>Lehrformen/Course units and<br>teaching methods | <ul style="list-style-type: none"> <li>▪ Lecture A: Project Planning and Appraisal, SS, Lecture, 2 SWS, 3 LP</li> <li>▪ Lecture B: Project Financing, Implementation and Final Evaluation, WS, Lecture, 2 SWS, 3 LP</li> </ul>   |                      |                      |                   |                |            |                  |      |      |     |  |                  |      |      |     |  |  |  |  |             |   |
| 16               | Abschätzung des<br>Arbeitsaufwandes/Estimation<br>of workload              | Time of attendance: 56 h<br>Private Study: 124 h   |                      |                      |                   |                |            |                  |      |      |     |  |                  |      |      |     |  |  |  |  |             |   |
|                  |  | <table border="1"> <thead> <tr> <th><i>unit</i></th> <th><i>presence time</i></th> <th><i>self study</i></th> <th><i>project</i></th> <th><i>Sum</i></th> </tr> </thead> <tbody> <tr> <td><i>Lecture A</i></td> <td>28,0</td> <td>62,0</td> <td>0,0</td> <td></td> </tr> <tr> <td><i>Lecture B</i></td> <td>28,0</td> <td>62,0</td> <td>0,0</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td><i>Sum:</i></td> <td>1</td> </tr> </tbody> </table>  | <i>unit</i>          | <i>presence time</i> | <i>self study</i> | <i>project</i> | <i>Sum</i> | <i>Lecture A</i> | 28,0 | 62,0 | 0,0 |  | <i>Lecture B</i> | 28,0 | 62,0 | 0,0 |  |  |  |  | <i>Sum:</i> | 1 |
|                  |  | <i>unit</i>  | <i>presence time</i> | <i>self study</i>    | <i>project</i>    | <i>Sum</i>     |            |                  |      |      |     |  |                  |      |      |     |  |  |  |  |             |   |
|                  |  | <i>Lecture A</i>   | 28,0                 | 62,0                 | 0,0               |                |            |                  |      |      |     |  |                  |      |      |     |  |  |  |  |             |   |
| <i>Lecture B</i> | 28,0   | 62,0   | 0,0                  |                      |                   |                |            |                  |      |      |     |  |                  |      |      |     |  |  |  |  |             |   |
|                  |  |  | <i>Sum:</i>          | 1                    |                   |                |            |                  |      |      |     |  |                  |      |      |     |  |  |  |  |             |   |
|                  |  |  |                      |                      |                   |                |            |                  |      |      |     |  |                  |      |      |     |  |  |  |  |             |   |
|                  |  |  |                      |                      |                   |                |            |                  |      |      |     |  |                  |      |      |     |  |  |  |  |             |   |
| 17<br>a          | Studienleistungen<br>(unbenotet)/Course<br>achievements (without mark)     | none   |                      |                      |                   |                |            |                  |      |      |     |  |                  |      |      |     |  |  |  |  |             |   |
| 17<br>b          | Prüfungsleistungen<br>(benotet)/Examination load<br>(with mark)            | PL-S 120 min. (Weight 1.0)   |                      |                      |                   |                |            |                  |      |      |     |  |                  |      |      |     |  |  |  |  |             |   |
| 18               | Grundlage für ... /Basis for...  |  |                      |                      |                   |                |            |                  |      |      |     |  |                  |      |      |     |  |  |  |  |             |   |
| 19               | Medienformen/Media   | Power Point Presentations, Black Board   |                      |                      |                   |                |            |                  |      |      |     |  |                  |      |      |     |  |  |  |  |             |   |