

# Course Manual PLSYP

Project Management for System Design Lab

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## – General information

**Long name** Project Management  
for System Design Lab

**Approving CModule** [XIM\\_MaTIN](#)

**Responsible** Prof. Dr. René  
Wörzberger  
Professor Fakultät IME

**Valid from** winter semester  
2023/24

**Remarks** The course is offered  
throughout the winter  
semester. **Participation  
in PLSYP depends in  
particular on whether  
sufficient SYP  
participants are  
interested and can  
therefore not be  
guaranteed.**

**Organisation and  
materials** [llu](#)

**Level** Master

**Semester in the year** winter semester

**Duration** Semester

**Hours in self-study** 120

**ECTS** 5

**Professors** Prof. Dr. René  
Wörzberger  
Professor Fakultät IME

### Literature

undefined

**Requirements**

Previous participation in the systems design practicum or equivalent.

**Language**

German, English if necessary

**Separate final exam**

No

## – Lecture / Exercises

### Learning goals

Goal type	Description
Demonstrate action competence	PLSYP participants (Master students) outline a project assignment as part of a project catalog suitable to be worked on by Bachelor students in the course "System Design Practicum". The assignment is to be formulated as a Power Point one-pager according to a provided template. PLSYP participants demonstrate that they can present the requirements and objectives of a complex project in an appealing way in a very limited space.
Demonstrate action competence	PLSYP participants offer at least one remote information session between mid-July and mid-September so that interested SYP participants can learn about the exact task at hand. PLSYP participants thus demonstrate that they can explain and sell their project ideas in detail.
Demonstrate action competence	PLSYP participants arrange regular meetings with assigned SYP participants to discuss requirements and progress. PLSYP participants are able to respond comprehensively to detailed questions about requirements, but without prejudging the SYP participants' own technical decisions.
Demonstrate action competence	PLSYP participants discuss advantages and disadvantages of different technical designs and implementations with SYP participants. They are able to reach consensus with SYP participants on the desired implementation variant.

### Special requirements

none

**Accompanying material** undefined

**Separate exam** Yes

### Separate exam

**Exam Type** EN Fachgespräch (Interview) zu besonderen Fragestellungen (Szenario, Projektaufgabe, Literaturrecherche)

**Details** In a final technical discussion between the PLSYP participant and the SYP module supervisor, the PLSYP participant reports on his or her approach and findings in the delivery of the course.

**Minimum standard** undefined

Demonstrate action competence PLSYP participants keep an eye on the schedule created by SYP participants, proactively address SYP participants in the event of major deviations, and attempt to identify and eliminate causes (unrealistic planning, unclear requirements, problems with the technical basis, etc.). In this way, they demonstrate that they can reliably perform even repetitive activities in project management.

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Demonstrate action competence PLSYP participants attend SYP milestone meetings, especially those in which SYP participants demonstrate their progress. They follow up on the presentations and ask specific questions.

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Demonstrate action competence PLSYP participants thoroughly review SYP participants' deliverables (documents and source code). They provide written feedback to the SYP participants, discuss it and check its implementation. In this way, they demonstrate how they can influence the quality of the product without working directly on it.

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Demonstrate action competence PLSYP participants provide the SYP module supervisor with an assessment of their SYP team's performance and can justify and defend it. (The actual assessment of the SYP team is ultimately done by the SYP module supervisor for reasons of examination law).

### Expenditure classroom teaching

Type	Attendance (h/Wk.)
Practical training	30