

Institut für Baukonstruktion / Institute of Building Construction

# General Information for Projects theses

Summer 2023

# General information for the Project Work

## Content

Specific tasks in civil engineering, material science, computational mechanics

Individual and self-employed occupation with a topic

Independent solution finding

Studies of alternatives

Discussing the results in a critically way

Documentation of working steps and results

# General information for the Project Work

BIW-MA-AC-O-08      15 ECTS      450 hours

BIW-MA-AC-O-09      6 ECTS      180 hours

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Projectwork              21 ECTS      630 hours

Starting the project work:                      flexibel all over the year

Hand in:    about 4 month,  
but depending on the task.  
at the Institute.

Presentation:                                      20 minutes PowerPoint presentation +  
~30 minutes discussion  
at the Institute, individual planning

# General information for the Project Work

## Example 1

Hand out of project work: **04.10.2023**

Working time 4 month

Submission of the project work **07.02.2024**

Preparing the presentation ~2 weeks

Presentation about **23.02.2023**

Oktober 2023							November 2023							Dezember 2023							Januar 2024							Februar 2024 ▶											
MO	DI	MI	DO	FR	SA	SO	MO	DI	MI	DO	FR	SA	SO	MO	DI	MI	DO	FR	SA	SO	MO	DI	MI	DO	FR	SA	SO	MO	DI	MI	DO	FR	SA	SO					
39						1	44		1	2	3	4	5	48				1	2	3	1	1	2	3	4	5	6	7	5			1	2	3	4				
40	2	3	4	5	6	7	8	45	6	7	8	9	10	11	12	49	4	5	6	7	8	9	10	2	8	9	10	11	12	13	14	6	5	6	7	8	9	10	11
41	9	10	11	12	13	14	15	46	13	14	15	16	17	18	19	50	11	12	13	14	15	16	17	3	15	16	17	18	19	20	21	7	12	13	14	15	16	17	18
42	16	17	18	19	20	21	22	47	20	21	22	23	24	25	26	51	18	19	20	21	22	23	24	4	22	23	24	25	26	27	28	8	19	20	21	22	23	24	25
43	23	24	25	26	27	28	29	48	27	28	29	30				52	25	26	27	28	29	30	31	5	29	30	31				9	26	27	28	29				
44	30	31																																					



# General information for the Project Work

## Procedure

When do you want to start?

Look for tasks. Contact the institute and the contact person.

Decide for a task and collaboration.

Sign in at Selma for the **two** modules (BIW-MA-AC-O-08 + BIW-MA-AC-O-09)

Organisation via Institute.

Volume ~20-80 pages (please discuss with your contact person)

Layout from Institute of Building Construction

Conditions for the beginning: none

# General information for the Project Work

Which points are included for the grades:

Are the rules for good scientific practice observed?

- Are all sources used listed correctly? Every source you are using, AI-tools as well!
- Are adopted text passages/images/tables cited correctly?
- Are the results sufficiently documented?

Formalities

- Is the structure coherent and logically?
- Is there a 'red thread'?
- Is it formulated in an understandable, fluent, error-free manner?
- Is the technical vocabulary used correctly?
- Is our layout used? Does the citation fit?
- Are the figures and tables clear?

# General information for the Project Work

Which points are included for the grades:

Content:

- Is the aim clear? Is a scientific approach present?
- Are the basics/fundamentals described comprehensively and completely? Is primary literature used?
- Are the investigations/experiments conducted in a good manner? Are they complete?
- Are the results critically considered and discussed? Are conclusions justified?
- Do you reflect your own work? Do you consider it critically? Are there alternative solutions proposed?

General:

- What was the processing method like? Did you work independently/motivatedly/conscientiously?
- Were own ideas developed? Was it a complex topic? Were there obstacles/difficult conditions?



# General information for the Project Work

Which points are included for the grades:

Presentation and defense

- Is there a recognizable 'red thread'? Is the presentation well weighted?
- Is logical argumentation and reasoning used?
- Is technical language used?
- Is the time limit respected?
- Is free speech used?
- Are the questions answered correctly and understandably?
- Is the argumentation precise?

# General for the Project Work

Please use the **writing counselling for students** of the TUD.

[https://tu-dresden.de/karriere/weiterbildung/zentrum-fuer-weiterbildung/schreibzentrum/fuer-studierende/schreibberatung?set\\_language=en](https://tu-dresden.de/karriere/weiterbildung/zentrum-fuer-weiterbildung/schreibzentrum/fuer-studierende/schreibberatung?set_language=en)

<https://www.youtube.com/watch?v=QOP3ip0SAtc>