

Green Building in Germany: Adaptive Reuse of Industrial Monuments and Sites

**Course Outline
2024**

Course Date	26 May – 8 June, 2024 (in person), plus two Zoom meetings before and after the summer university (exact times to be determined)
Class Hours	75 contact hours
Lecturer(s)	James Wasley, Professor of Architecture, University of Wisconsin-Milwaukee Wolfgang Jung, Professor of Architecture, Frankfurt University of Applied Sciences
Course Description	The design of low-carbon districts and buildings, focusing on adapting post-industrial landscapes and buildings to new ecologically restorative uses. The course will examine the adaptive reuse of both listed industrial monuments and other non-listed structures. We will consider various strategies for intervention at both the landscape scale and the building scale.
Learning Outcomes and Task	By completing this course, students will be able to better understand and design energy and stormwater systems for large brownfield sites and buildings. We will produce a polished document that captures the work of the class design exercise and associated research.
Course Method	The course will be a design charrette involving both UW-M students travelling to Frankfurt and graduate students in the FRA-UAS Advanced Architecture program. The design challenge will involve a brownfield industrial site in or near Frankfurt, featuring a listed industrial monument or otherwise challenging structure. Informing the charrette, the course will offer lectures by FRA-UAS and UWM faculty on topics relating to environmental performance, historic preservation and adaptive reuse. We will visit both projects and offices in and around Frankfurt. Both before and after the Frankfurt Trip class sessions conducted on Zoom will examine precedents and work to assemble documentation of the experience.
Course Materials	Readings, websites, and pre-recorded lectures on the topics of the course will be provided digitally in advance.
Credits	5 ECTS in Frankfurt/Main (resp 3 CP in Milwaukee)
Assessment	Students will be constantly undertaking short exercises and reporting out on their results. Seminar style discussion of topics will encourage students to develop their own understanding through dialog, immediate contact with buildings and places being discussed, and emersion in the local culture.
Grading	Participation in group activities and discussions will be weighed alongside an evaluation of the required final products of the class.

GENERAL INFORMATION

Assessment and Credits

Upon successful completion of the summer course, students will be awarded 5 ECTS points. A single ECTS point is defined as the equivalent of 25-30 hours of student workload, which includes class hours, readings, preparation for class activities, as well as an assessment measure. Learning will be assessed at the end of the summer course. Lecturers will inform students about the assessment measures at the beginning of the summer course. Students will receive a Transcript of Records showing their grades earned in the course. This document can be presented to their home institution for credit.

Grading

Grades will be awarded based on the German grading system:

German	Sehr gut 1,0-1,5	Gut 1,6-2,5	Befriedigend 2,6-3,5	Ausreichend 3,6-4,0	TN Teilnahmeschein	LN Leistungs- nachweis	Nicht bestanden 5,0/ 6,0
	very good	good	satisfactory	pass	Non exam paper	Exam/paper	not passed
Americas	A 1,0-2,3	B 2,4-3,0	C 3,1-3,5	D 3,6-4,0	participated	passed	failed
European	A 1,0-1,5	B 1,6-2,0	C 2,1-3,0	D 3,1-3,5	E 3,6-4,0		FX/F 4,1-5,0

Email and campUAS Online Learning Platform

Students are encouraged to use campUAS, our E-Learning Platform. Using campUAS enables students to access course materials and stay informed about extracurricular activities. We also expect students to check their emails on a regular basis.

Class Participation

Class participation is considered a requirement for successfully completing the program. Student questions, answers, comments, and insights over the course will not only benefit the whole class, but it will also ensure that students have a better understanding of the class material and contribute to their overall academic success.

Attendance

Students should attend each class. Students also need to inform their lecturer if they need to miss class. This can be done in person or via email.

Academic Honesty

Students caught cheating or plagiarizing will fail, at our discretion, either the assignment in question or the entire program.