

NHRE – 2nd Semester

Version of 18.03.2024

Timetable Summer Semester 2024

(Lecture: 03.04. – 12.07.2024 / Excursion week 21.05. – 24.05.2024 / Examination: 22.07. – 09.08.2024)

Zeit/Time	Montag / Monday	Dienstag / Tuesday	Mittwoch / Wednesday	Donnerstag / Thursday	Freitag / Friday
7:30 - 9:00	(L) * Applied FEM Prof Rabczuk / ISM R205, M7B	(E/P) * Introduction to optimization/ Optimization in Applications ISM L-B, M7B	(L/E) Modelling of steel structures and numerical simulation Prof Kraus LH C, M13C / L-B, L-G, M7B	(L/E) Complex dynamics Prof Ruffer R206, M7B	(E/P) * Stochastic simulation techniques and structural reliability ISM L-B, M7B (E) Applied FEM Prof Rabczuk / ISM L-G, M7B
9:15 - 10:45	(L/P) Introduction to optimization/ Optimization in Applications Prof Lahmer LH D, M13C (L/E) Mathematics for data science	(L/E/P) Computational and experimental wind engineering for Long- span Bridge Design Prof Morgenthal L-B / R106, M7B (L/E/P) Experimental seismic assessment of steel members Prof Athanasiou R205, M7B	(L/E) Geo- and hydrotechnical engineering Geotechnical engineering Prof Staubach R103, M7B	(L) Advanced Building Information Modelling Prof Koch LH A, M13C (L/E) Complex dynamics Prof Ruffer R206, M7B	(L) * Structural parameter survey and evaluation Signal analysis Prof Ruffer Sensor based monitoring Prof Morgenthal
11:00 - 12:30	(L/E) Modelling of steel structures and num. simulation Prof Kraus LH D, M13C + L-B, L-G M7B Prof Ruffer / Dr Schönlein LH 2, C13A	(L/E/P) Stochastic simulation techniques and structural reliability Prof Lahmer LH D, M13C	(E) Advanced Building Information Modelling Prof Koch SDS, M7B / B-P + O-P C13B (L/E/P) Computational and experimental wind engineering for Long- span Bridge Design Prof Morgenthal L-G / R205, M7B	(L) * Geo- and hydrotechnical engineering Flood Haz. and Vuln. Assessm. Dr Maiwald LH C, M13C	(L) * Structural parameter survey and evaluation Geo-spatial monitoring Prof Rodehorst LH C, M13C
13:30 - 15:00	(L) Structural engineering Steel structures Prof Kraus R103, M7B	(L/E) * Multi hazard and risk assessment** (17 pers. only) Dr Beinersdorf / EDAC LH C, M13C	(T) * Applied FEM ISM L-B / R205, M7B	(P) Experimental structural dynamics and Structural monitoring Dr Most L-G, M7B	(L) Earthquake engineering and structural design Dr Schwarz / Prof Abrahamczyk LH C, M13C
15:15 - 16:45	(L/E) Multi hazard and risk assessment** (17 pers. only) Dr Beinersdorf / Prof Cotton / GFZ R205, M7B	(L) Geo- and hydrotechnical engineering Flood Haz. and Vuln. Assessm. Dr Maiwald LH C, M13C	(L/P) * Experimental testing based on impact and resistance: wind, fire and earthquake Prof Abrahamczyk Digital	(L) * Earthquake engineering and structural design Dr Schwarz / Prof Abrahamczyk LH C, M13C	(L/E) * Geo- and hydrotechnical engineering Geotechnical engineering Prof Staubach LH C, M13C
17:00 - 18:30	(E) * Group I starting xx.04.2024 Earthquake engineering and structural design EDAC/KTW L-B / R205, M7B	(L) Structural Engineering Steel structures Prof Kraus LH C, M13C	(E) * Group II starting xx.04.2024 Earthquake engineering and structural design EDAC/KTW L-B / R205, M7B	(E) * Group II starting xx.04.2024 Earthquake engineering and structural design EDAC/KTW L-B / R205, M7B	

Legend: Compulsory Elective Compulsory Elective * dates by arrangement

(L) = Lecture / (E) = Exercise / (P) = Project / (T) = Tutorium

** compulsory for DAAD-scholarship holders (17 persons only)

** Excursion to GFZ Potsdam and Berlin from 22.05. – 24.05.2024 (compulsory for DAAD-EPOS-scholarship holders)

Start of the exercises, if separate – always following the first lecture! Please check regularly the information given on the university homepage as well as the respective moodle rooms!

Please check BISON as well!

Moodle Links are available in BISON – please check the announcements made by the lecturers; BISON course overview, timetable

L-B...Luna-Blue, M7B L-G...Luna-Grey, M7B O-P...Orionpool, C11C B-P...Betonpool, C13B CW ... Calendar week

SDS...Student Design Studio – SDS 303 M7B

M - Marienstraße; C - Coudraystraße, HK – Hausknechtstraße