



Studiendekanat Bauingenieurwesen
Callinstraße 34 * 30167 Hannover

Der Studiendekan
Prof. Dr.-Ing. Martin Achmus

bearbeitet von:
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Request for Remaining in PO 2015 Computational Methods in Engineering

According to § 25 of the examinations regulations Prüfungsordnung für die Masterstudiengänge Konstruktiver Ingenieurbau, Wasser-, Umwelt- und Küsteningenieurwesen sowie Computational Methods in Engineering 2015 para. (1) of 25.08.2015 in the currently relevant version,

I hereby request to remain in the examinations regulation Prüfungsordnung for Masterstudiengänge Konstruktiver Ingenieurbau, Wasser-, Umwelt- und Küsteningenieurwesen sowie Computational Methods in Engineering 2015.

Name, Vorname

Matrikelnummer

I have the following important reasons:

Please note that

in order to having your request thoroughly considered, please add the following documents to your request:

- **Fill out the module overview with every course you have completed (page 2)**
- **Grade transcript (from QIS)**

Students Signature

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Name: _____

Matr.-No.: _____

Please cross out which modules you already have completed and which are registered. Then fill in which modules you completed for General Studies (Please be sure that ALL completed modules are included in this form.) Also, please fill in how many credits you have in total up to date of this request.

Special Skills Area	Module	P/W*	CP	complete	registered	
1	Higher Mathematics min. 10 CP	Numerics of Partial Differential Equations ^E 1+2	P	10		
		Nichtlineare Optimierung I (not WS 18/19)	W	10		
		Nichtlineare Optimierung II (not SoSe 2019)	W	10		
2	Higher Mechanics min. 12 CP	Mechanics of Solids ^E	P	6		
		Numerical Methods in Fluid Mechanics ^E	P	6		
		Contact Mechanics ^E	W	6		
		Continuum Mechanics II ^E	W	5		
		Finite Elements II ^E	W	5		
		Mechanics of Advanced Materials ^E	W	5		
		Mehrkörpersysteme	W	5		
		Model Order Reduction in Computational Solid Mechanics ^E (new from SoSe 2019)	W	6		
		Nichtlineare Schwingungen	W	5		
		Simulation und Numerik von Mehrkörpersystemen	W	4		
		Stochastic Finite Element Methodes ^E	W	6		
3	Higher Computer Science min. 12 CP	Advanced Stochastic Analysis ^E	P	6		
		Reliability and Risk Analysis ^E	P	6		
		Berechenbarkeit und Logik	W	5		
		Data Mining I ^E	W	5		
		Geometrische Modellierung und Isogeometrische Analyse	W	6		
		Künstliche Intelligenz ^E	W	5		
		Objektorientierte Modellbildung und Simulation	W	6		
4	Engineering Applications	Elastomere und elastische Verbunde	W	5		
		Faserverbund-Leichtbaustrukturen	W	6		
		Finite Elemente Anwendungen in der Statik und Dynamik	W	6		
		Nichtlineare Statik der Stab- und Flächentragwerke	W	6		
		Bodendynamik	W	6		
		Grundwassermodellierung	W	6		
		Hydrosystemmodellierung	W	6		
		Numerical Modelling in Geotechnical Engineering ^E	W	6		
		Stoff- und Wärmetransport	W	6		
		GIS und Geodateninfrastruktur (not WS 18/19)	W	5		
		Image Analysis I ^E	W	5		
		Laser scanning - modelling and interpretation ^E	W	5		
		Grundlagen der GNSS und Navigation (former: Positionierung und Navigation I)	W	5		
		Biomechanik der Knochen	W	5		
		Biomedizinische Technik für Ingenieure I	W	5		
		Engineering Dynamics and Vibration ^E	W	5		
		Entwurf diskreter Steuerungen	W	5		
Fahrzeug-Fahrweg-Dynamik	W	5				
Robotik I	W	5				
5	General Studies max. 15 CP		W			
			W			
			W			
			W			
			W			
			W			
6	Practical Semester	Practical Project	P	30		
7	Scientific Work 30 CP	Seminar Thesis	P	5		
		Master's Thesis	P	25		

Total Credits (up to date of this request):

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