TECHNISCHE UNIVERSITÄT DRESDEN

DRESDEN concept

Faculty of Computer Science
Examination Office

Registration for modules and examinations with selma

Academic Office in Engineering Sciences

October 2020

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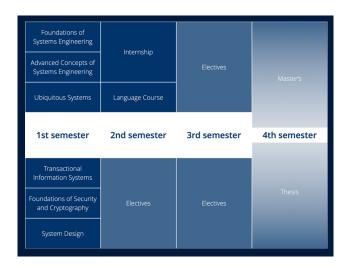**TECHNISCHE UNIVERSITÄT DRESDEN**

Registration for modules and examinations with selma
Faculty of Computer Science – Academic Office in Engineering Sciences
Dresden – October 2020

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1. Study plan, module numbers on selma, links to course catalogues

https://tu-dresden.de/ing/informatik/sya/se/master-dse

Modul-Nr.	Modulname	1. Semester	2. Semester	3. Semester (M)	4. Semester	LP	Σ
		V/Ü/S/P	V/Ü/S/P	V/Ü/S/P	V/Ü/S/P		
Wahlpflichtmodule							
Wahlpflichtmodule der fachlichen Vertiefung (im Umfang von 42 LP)							
INF-DSE-20-E-*xx*	Module gemäß Anlage 1, Teil 2		28 V/Ü/S/P [B]			je 3 / 6	45
Wahlpflichtmodule der Sprachausbildung (im Umfang von 3 LP)							
INF-DSE-20-LN-DE	German Language Skills		4 SK, PL [C]			3	
INF-DSE-20-LN-EN	English – Advanced Professionals		2 SK, PL [D]	→Course Catalogues		3	

Module numbers on selma

- Wahlpflichtbereich
  - Wahlpflichtmodule der fachlichen Vertiefung
    - Ohne Schwerpunktwahl
  - Wahlpflichtmodule der Sprachausbildung
    - M1106-DSE26-2020 German Language Skills
    - M1106-DSE27-2020 English – Advanced Professionals

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1. Study plan, module numbers on selma, links to course catalogues

Modul-Nr.	Modulname	2. Semester V/Ü/S/P	3. Semester (M) V/Ü/S/P	LP
INF-DSE-20-E-ASC	Advanced Security and Cryptography	2/2/0/0, PL		6
INF-DSE-20-E-WSN	Wireless Sensor Networks	2/2/0/0, PVL, PL		6
INF-DSE-20-E-ASICS	Academic Skills in Computer Science	2/2/0/0, PL		6
INF-DSE-20-E-DOS	Distributed Operating Systems	4 V/Ü/S/P, PL [1] →Course Catalogues		6
INF-DSE-20-E-OSS	Operating Systems Security	Course Catalogues <--	V/Ü/S/P, PL [2]	6
INF-DSE-20-E-RTS	Real Time Systems		4 V/Ü/S/P, PL [3]	6
INF-DSE-20-E-SOS	Special Operating Systems	4 V/Ü/S/P, PL [4] →Course Catalogues		6
INF-DSE-20-E-CBSE	Component-Based Software Engineering	2/2/0/0, PL		6
INF-DSE-20-E-IWA	Internet and Web Applications	2/2/0/0, PL		6
INF-DSE-20-E-PET	Prediction and Estimation Techniques		2/2/0/0, PL	6
INF-DSE-20-E-EAMA	Engineering Adaptive Mobile Applications		2/2/0/0, PVL, PL	6
INF-DSE-20-E-FCDS	Foundations of Concurrent and Distributed Systems	4/0/0/0, PL		6
INF-DSE-20-E-FCDS-L	Lab: Concurrent and Distributed Systems	0/0/0/4, PL		6
INF-DSE-20-E-SFT	Foundations of Software Fault Tolerance	2/2/0/0, PL		6
INF-DSE-20-E-SFT-L	Lab: Software Fault Tolerance		0/0/0/4, PL	6
INF-DSE-20-E-PODS	Principles of Dependable Systems		2/2/0/0, PVL, PL	6
INF-DSE-20-E-SEM	Current Topics in Systems Engineering		0/0/2/0 , PL	3
INF-DSE-20-E-RLS	Robolab Sessions		0/0/0/4, PVL, PL	6
INF-DSE-20-E-EHS	Embedded Hardware Systems Design	2/2/0/0, PL		6
INF-DSE-20-E-EHS-L	Lab: Embedded Hardware Systems		0/0/0/4, PL	6
INF-DSE-20-E-EMA	Design and Programming of Embedded Multicore Architectures	2/2/0/0, PL Course Catalogues <--		6
INF-DSE-20-E-HMS	Hardware Modelling and Simulation		2/2/0/0, PL	6
INF-DSE-20-E-MKS	Micro-Kernel-based Systems		4 V/Ü/S/P, PL [5]	6
INF-DSE-20-E-ADSE	Across the Disciplines of Distributed Systems Engineering	4 V/Ü/S/P, PL [6] Course Catalogues <--	→Course Catalogues /S/P, PL [7]	6
INF-DSE-20-E-BDSE	Beyond Distributed Systems Engineering			3

[1-7] Art und Umfang der einzelnen Lehr- und Lernformen sowie Anzahl der Prüfungsleistungen variieren in Abhängigkeit der Wahl der Studierenden gemäß Lehrveranstaltungskatalogen [1] INF-DSE-20-E-DOS, [2] INF-INF-DSE-20-E-OSS, [3] INF-INF-DSE-20-E-RTS, [4] INF-INF-DSE-20-E-SOS, [5] INF-INF-DSE-20-E-MKS, [6] INF-INF-DSE-20-E-ADSE, [7] INF-INF-DSE-20-E-BDSE

Module numbers on SELMA

- Wahlpflichtbereich
  - Wahlpflichtmodule der fachlichen Vertiefung
- Ohne Schwerpunktwahl
  - M1106-DSE01-2020 Advanced Security and Cryptography
  - M1106-DSE02-2020 Wireless Sensor Networks
  - M1104-DSE03-2020 Academic Skills in Computer Science
  - M1106-DSE04-2020 Distributed Operating Systems
  - M1106-DSE05-2020 Operating Systems Security
  - M1106-DSE06-2020 Real Time Systems
  - M1106-DSE07-2020 Special Operating Systems
  - M1104-DSE08-2020 Component-Based Software Engineering
  - M1106-DSE09-2020 Internet and Web Applications
  - M1106-DSE10-2020 Prediction and Estimation Techniques
  - M1106-DSE11-2020 Engineering Adaptive Mobile Applications
  - M1106-DSE12-2020 Foundations of Concurrent and Distributed Systems
  - M1106-DSE13-2020 Lab: Concurrent and Distributed Systems
  - M1106-DSE14-2020 Foundations of Software Fault Tolerance
  - M1106-DSE15-2020 Lab: Software Fault Tolerance
  - M1106-DSE16-2020 Principles of Dependable Systems
  - M1106-DSE17-2020 Current Topics in Systems Engineering
  - M1106-DSE18-2020 Robolab Sessions
  - M1101-DSE19-2020 Embedded Hardware Systems Design
  - M1101-DSE20-2020 Lab: Embedded Hardware Systems
  - M1101-DSE21-2020 Design and Programming of Embedded Multicore Architectures
  - M1101-DSE22-2020 Hardware Modelling and Simulation
  - M1106-DSE23-2020 Micro-Kernel-based Systems
  - M1106-DSE24-2020 Across the Disciplines of Distributed Systems Engineering
  - M1106-DSE25-2020 Beyond Distributed Systems Engineering

→Course Catalogues

https://tu-dresden.de/ing/informatik/sya/se/master-dse/studium/dse-2020/module-und-lehrveranstaltungen

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DRESDEN concept

1. Study plan, module numbers on selma, links to course catalogues

In the master course Distributed Systems Engineering, the module selection from the students may result in the following focal points:

- Operating Systems (OS)
- Software Engineering (SE)
- Secure and Dependable Systems (SDS)
- Systems Architecture (SA)

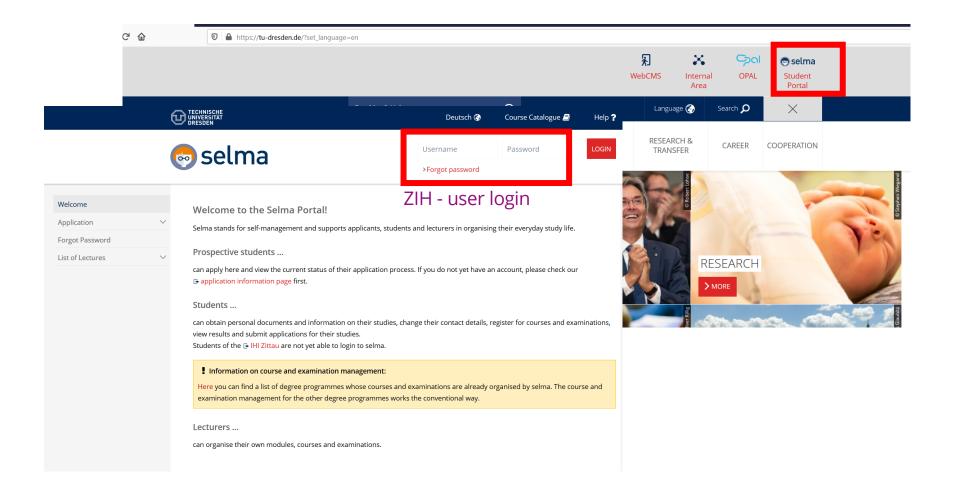| Modul	OS	SE	SDS	SA
Advanced Security and Cryptography			X	
Wireless Sensor Networks				X
Distributed Operating Systems	X			
Operating Systems Security	X		X	
Real Time Systems	X			
Special Operating Systems	X			
Component-Based Software Engineering		X		
Internet and Web Applications		X		
Prediction and Estimation Techniques		X		
Engineering Adaptive Mobile Applications		X		
Foundations of Concurrent and Distributed Systems				X
Lab: Concurrent and Distributed Systems				X
Foundations of Software Fault Tolerance			X	
Lab: Software Fault Tolerance			X	
Principles of Dependable Systems			X	
Current Topics in Systems Engineering			X	
Robolab Sessions		X		
Design and Programming of Embedded Multicore Architectures				X
Hardware Modelling and Simulation				X
Micro-Kernel-based Systems	X			X
Embedded Hardware Systems Design				X
Lab: Embedded Hardware Systems				X
Academic Skills in Computer Science	-	-	-	-
Across the Disciplines of Distributed Systems Engineering	A	A	A	A
Beyond Distributed Systems Engineering	A	A	A	A

X … Zuordnung des Moduls zum jeweiligen Schwerpunkt
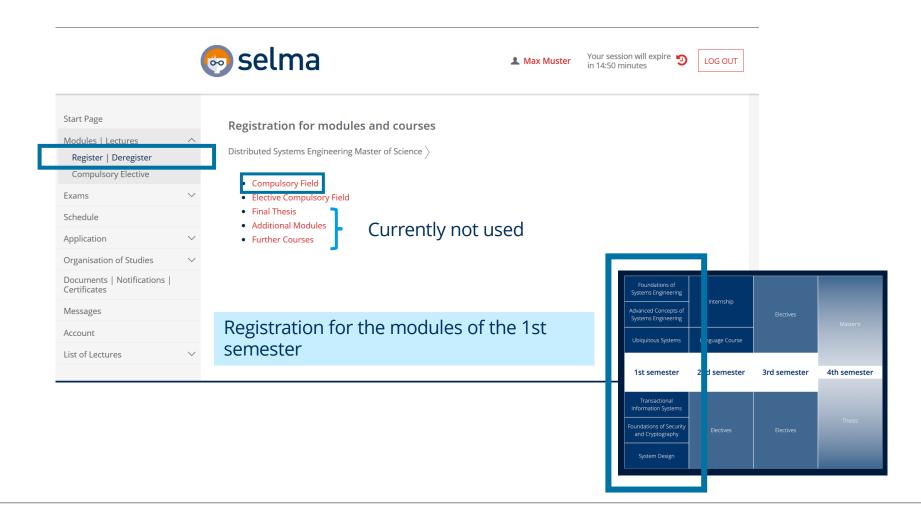A … Zuordnung möglich nach Genehmigung durch den Prüfungsausschuss

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DRESDEN concept

2. Login to the system

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2. Login to the system

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3. Registration for modules and courses

Registration for modules and examinations with selma
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3. Registration for __modules__ and courses

Registration for modules and examinations with selma
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3. Registration for modules and <u>courses</u>

Registration for modules and examinations with selma
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3. Registration for modules and courses

selma

👤 **Max Muster**   Your session will expire in 14:33 minutes   LOG OUT

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Registration for modules and courses

Distributed Systems Engineering Master of Science ⟩

- Compulsory Field
- **Elective Compulsory Field**
- Final Thesis
- Additional Modules
- Further Courses

Currently not used

Registration for the modules of the 2nd and 3rd semester

You will receive more informations about it at a later date.

Foundations of Systems Engineering	Internship		Master's
Advanced Concepts of Systems Engineering		Electives	
Ubiquitous Systems	Language Course		
1st semester	**2nd semester**	**3rd semester**	**4th semester**
Transactional Information Systems			Thesis
Foundations of Security and Cryptography	Electives	Electives	
System Design			

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Registration for modules and examinations with selma
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4. Overview of registered modules and courses
1. Current registrations

Refers only to module offers that have started in the current semester

Registration for modules and examinations with selma
Faculty of Computer Science – Academic Office in Engineering Sciences
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4. Overview of registered modules and courses
2. Module details

Display of a individual semester or all semesters possible,
Please "refresh" after selection

Module Details **Course Details**

Modules Overview

Choose a semester: WiSe 2020/21 ⌄ REFRESH

No.	Name	Module Owner	Credits
M1106-DSEM1-2020	› Foundations of Systems Engineering	N.N.	5,0
M1106-DSEM2-2020	› Advanced Concepts of Systems Engineering	N.N.	5,0
M1106-DSEM3-2020	› Ubiquitous Systems	N.N.	7,0

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TECHNISCHE UNIVERSITÄT DRESDEN

DRESDEN concept

4. Overview of registered modules and courses
2. Module details

The english translation (reading version) of the module description is still missing

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4. Overview of registered modules and courses
3. Course details

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5. Deregistration from modules

At this navigation pane it is possible to deregister modules and courses, but not to register

Deregistration from courses possible

Deregistration from modules incl. the registered courses possible

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5. Deregistration from modules

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Registration for modules and courses

Distributed Systems Engineering Master of Science 〉 **Compulsory Field**

Course offering Instructors Time period Registration group Location	Reg. deadl. Reg.part.|Max.	
› **M1106-DSEM1-2020 Foundations of Systems Engineering (WiSe 2020/21)** N.N.	15.12.2020	DEREGISTER
K1106-MA0012Ü Systems Engineering 1 (E)		
› **K1106-MA0012Ü Systems Engineering 1 (E)** N.N.	15.12.2020	REGISTER
K1106-MA0012V Systems Engineering 1 (L)		
› **K1106-MA0012V Systems Engineering 1 (L)** N.N.	15.12.2020 1 | -	DEREGISTER
› **M1106-DSEM2-2020 Advanced Concepts of Systems Engineering (WiSe 2020/21)** N.N.	15.12.2020	DEREGISTER
K1106-MA0013Ü Systems Engineering 2 (E)		
› **K1106-MA0013Ü Systems Engineering 2 (E)** N.N.	15.12.2020	REGISTER
K1106-MA0013V Systems Engineering 2 (L)		
› **K1106-MA0013V Systems Engineering 2 (L)** N.N.	15.12.2020 1 | -	DEREGISTER

Deregistration from modules incl. the registered courses possible, if a course registration exists

Course deregistration possible

Deregistration from modules incl. the registered courses possible, if a course registration exists

Course deregistration possible

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6. Registration for exams

Display of a individual semester or all semesters possible,
Please "refresh" after selection

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6.   Registration for exams

Exam details   › Back

Name : Written Examination Advanced Concepts of Systems Engineering

Semester : WiSe 2020/21

Registration period : 15.10.20 00:00 - 30.10.20 00:00

Cancellation period : 15.10.20 00:00 - 30.10.20 00:00

Exam documents

No data found!

Exams offered for registration

Choose a semester: WiSe 2020/21 ▾   **REFRESH**

Module/Course	Exam
M1106-DSEM1-2020 Foundations of Systems Engineering	
Written Examination Foundations of Systems Engineering	
› Written Examination Foundations of Systems Engineering 1. Date	Time	**DEREGISTER**
Exercise Foundations of Systems Engineering	
› Exercise Foundations of Systems Engineering 1. Date	Time	**REGISTER**
M1106-DSEM2-2020 Advanced Concepts of Systems Engineering	
Written Examination Advanced Concepts of Systems Engineering	
› Written Examination Advanced Concepts of Systems Engineering 1. Date	Time tbd	**REGISTER**

Exam registration   › Back

⚠ **Note**

Please check the registration data below. Confirm to register.

No.	M1106-DSEM2-2020
Name	Advanced Concepts of Systems Engineering
In context of module	M1106-DSEM2-2020 Advanced Concepts of Systems Engineering
Studies	Distributed Systems Engineering Master of Science

No.	Name	Date
M1106-DSEM2-2020	Advanced Concepts of Systems Engineering	1.Date (Open)

SUBMIT

Exam registration   › Back

ℹ **Information**

> Successful completion of the exercise is prerequisite for admission to the examination (see examination regulations)

⚠ **Hinweis**

Your registration has been accepted with reservation only, because you have not yet fulfilled all required prerequisites.

No.	M1106-DSEM2-2020
Name	Advanced Concepts of Systems Engineering
In context of module	M1106-DSEM2-2020 Advanced Concepts of Systems Engineering
Studies	Distributed Systems Engineering Master of Science

No.	Name	Date
M1106-DSEM2-2020	Advanced Concepts of Systems Engineering	1.Date (Open)

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7. Overview of registered exams

Display of a individual semester or all semesters possible,
Please "refresh" after selection

Registered Exams

Choose a semester: [WiSe 2020/21 ▼] [REFRESH]

Course/module	Name	Date	
M1106-DSEM1-2020 › Foundations of Systems Engineering			
	› Written Examination Foundations of Systems Engineering (with reservation)	Time tbd	DEREGISTER
M1106-DSEM1-2020 › Foundations of Systems Engineering			
	› Exercise Foundations of Systems Engineering	Time tbd	DEREGISTER
M1106-DSEM2-2020 › Advanced Concepts of Systems Engineering			
	› Written Examination Advanced Concepts of Systems Engineering (with reservation)	Time tbd	DEREGISTER
M1106-DSEM3-2020 › Ubiquitous Systems			
	› Written Examination Ubiquitous Systems	Time tbd	DEREGISTER

Deregistration possible, but no registration

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8. Deregistration from exams

Exams offered for registration

Choose a semester: [WiSe 2020/21 ▼] [REFRESH]

Module/Course	Exam	Date	
M1106-DSEM1-2020 Foundations of Systems Engineering			
Written Examination Foundations of Systems Engineering			
	› Written Examination Foundations of Systems Engineering 1. Date	Time tbd	DEREGISTER
Exercise Foundations of Systems Engineering			
	› Exercise Foundations of Systems Engineering 1. Date	Time tbd	DEREGISTER
M1106-DSEM2-2020 Advanced Concepts of Systems Engineering			
Written Examination Advanced Concepts of Systems Engineering			
	› Written Examination Advanced Concepts of Systems Engineering 1. Date	Time tbd	DEREGISTER
Exercise Advanced Concepts of Systems Engineering			
	› Exercise Advanced Concepts of Systems Engineering 1. Date	Time tbd	REGISTER
M1106-DSEM3-2020 Ubiquitous Systems			
	› Written Examination Ubiquitous Systems 1. Date	Time tbd	DEREGISTER

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9. Access to the exam results

Display of a individual semester or all semesters possible,
Please "refresh" after selection

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10. Documents e.g. Transcript of records

You can contact the examination office via e-mail to request your record of grades, which will then be made available in the system. This record of grades does not bear a signature.

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If you have further questions, please contact the examination office.

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