Ernst-Abbe-Hochschule Jena
University of Applied Sciences

Examination Registration Winter Term 2020/21, 2020 Batch

14-Jan-21

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Content

General Remarks

- For any information related to examination issues, i.e. difficulties with registration and de-registration, please contact the examination office in charge: PA-III@eah-jena.de.
- For questions regarding the examination type, examination question style or pre-conditions for lab recognition, please contact the appropriate lecturer.
- As emphasised in the examination regulations for Scientific Instrumentation, there are different types of examinations coming with different registration periods:

PL	Prüfungsleistung (nach § 1 Abs. 1 Nr. 1 PO)
MP	Mündliche Prüfung
SP	Schriftliche Prüfung
AP	Alternative Prüfung

- AP – registration happens earlier, since these examinations are usually conducted within the lecture period. APs are alternative examinations, which can have several forms, such as design projects, presentations, scientific reports ASO. APs are usually offered in parallel to the lecture only. Examination dates will be communicated by the appropriate lecturer.
- SP – registration happens later and separately. An SP is usually a written examination, but it may contain other parts as well which may include the usage of a personal computer. SPs are offered in each semester. They take place within the examination period, which starts right after the lecture period and lasts for 3 weeks.
- MPs (oral examination) might be considered a solution for 3rd attempts.
- Lab – registration (Pra) happens along with the AP – registration. The completion of a lab may include several smaller tasks. This can be a number of lab reports, each of them assigned to a certain lab, an introductory or final questionnaire, single tasks or even the simple presence in a course.
- Registration as well as examination dates will communicated by the examination office in charge
- According to examination regulations for Master's courses at SciTec, an examination has to be completed for the first time at the end of the 2nd semester, succeeding the semester in which it is scheduled according to the course curriculum. So if a course is scheduled for semester 1, you need to take your 1st attempt at the end of semester 3 at the latest.
- At the moment, you can de-register from an examination till the day before it will be conducted. The registration however is limited to the time span communicated by the examination office.

Curriculum for Scientific Instrumentation, M.Sc.

	Module 1	Module 2	Module 3	Module 4	Module 5
1st Semester	Postgradual Basis Module		Physical Materials Diagnistics	Scientific Writing and Presentation	Non-technical Module 1 / German
2nd Semester	Elective Module			Soft Skills	Non-technical Module 2 / German
3rd Semester	Research Internship				
4th Semester	Master Thesis				Colloquium

Postgradual Basis Modules (assignment based on undergraduates)

Postgradual Basis Modules:	for graduates in e.g. Precision Engineering	Solid State Physics	Microsystems Engineering	Electronic Hardware Systems
	for graduates in e.g. Physics Engineering	Design of Precision Devices	Introduction to FEM	Electronic Hardware Systems
	for graduates in e.g. Electrical Engineering	Design of Precision Devices	Introduction to FEM	Solid State Physics

Individual Curriculum – Electrical Eng./Instrumentation Background

	Module 1	Module 2	Module 3	Module 4	Module 5
1st Semester	Design of Precision Devices	Introduction to FEM	Solid State Physics	Physical Materials Diagnistics	Scientific Writing and Presentation	Non-technical Module 1 / German
2nd Semester	Elective Module				Soft Skills	Non-technical Module 2 / German
3rd Semester	Research Internship					
4th Semester	Master Thesis					Colloquium

Individual Curriculum Semester 1 – Electrical Eng./Instrumentation Background (as per regulations)

General Modules Semester 1

Modul-nummer	Modulname Module name	Semester-wochenstunden				ECTS-Punkte des Moduls			Prüfungsart und Dauer	Wichtung der Prüfungs-leistungen	Voraussetzungen für die Erteilung der Modulnote (Studienleistungen)	Zugangs-Voraus-setzungen für Modulprüfung	Sprache der LV und PL
		V	S	Ü	P	PM	WPM	WM					
---	Postgraduale Basis-Module Postgradual Basics Modules	---	---	---	---	15	---	---	---	---	---	---	---
ST.2.195	Physikalische Werkstoffdiagnostik Physical Materials Diagnostics	3	0	0	1	6	---	---	SP 90 min.	100 %	SL: Prot., MT o. ST	---	Englisch
ST.2.196	Wissenschaftliches Schreiben und Präsentieren Scientific Writing and Presentation	1	2	0	0	6	---	---	---	---	SL	---	Englisch
---	Nicht-technisches Wahlpflichtmodul I Non-technical compulsory optional module I	---	---	---	---	3	---	---	---	---	---	---	---

Postgraduale Basis Modules

Modul-nummer	Modulname Module name	Semester-wochenstunden				ECTS-Punkte des Moduls			Prüfungsart und Dauer	Wichtung der Prüfungs-leistungen	Voraussetzungen für die Erteilung der Modulnote (Studienleistungen)	Zugangs-Voraus-setzungen für Modulprüfung	Sprache der LV und PL
ST.2.197	Festkörperphysik Solid State Physics	3	0	1	0	---	6	---	SP 90 min.	100 %	---	---	Englisch
ST.2.199	Konstruieren von Präzisionsgeräten Design of Precision Devices	2	0	0	2	---	6	---	AP: B	100 %	SL: Prot., MT o. ST	---	Englisch
ST.2.172	Einführung FEM Introduction to FEM	2	0	0	1	---	3	---	AP	100 %	SL: Prot., MT o. ST	---	Deutsch/ Englisch

Non-Technical Compulsory Optional Module I

Modul-nummer	Modulname Module name	Semester-wochenstunden				ECTS-Punkte des Moduls			Prüfungsart und Dauer	Wichtung der Prüfungs-leistungen	Voraussetzungen für die Erteilung der Modulnote (Studienleistungen)	Zugangs-Voraus-setzungen für Modulprüfung	Sprache der LV und PL
		V	S	Ü	P	PM	WPM	WM					
GW.2.177	Deutsch als Fremdsprache I German as Foreign Language I	0	0	4	0	---	3	---	AP	100 %	---	---	Deutsch

Which exams and labs do I need to complete for Semester 1 if I have Electrical Eng./Instrumentation background?

Subject	Exam type	Online/ Offline	Registration for the exam	Lab?	Online/Offline Lab	Registration for the Lab
Solid State Physics	SP	Offline	February 2021	No	-	-
Design of Precision Devices	AP	Online	Now	Yes	Online	Now
Introduction to FEM	AP	Offline	Now	Yes	Online	Now
Physical Materials Diagnostics	SP	Offline	February 2021	Yes	Online	Now
Scientific Writing and Presentation	SL	Online	Now	No	-	-
German as a Foreign Language	AP	Online	Now	No	-	-

Green: You may register if you have fulfilled the pre-conditions announced by the lecturer during the lesson. That could be for example a certain number of lab reports to complete the lab or required attendance of language courses.
Red: Registration is only advisable for those who are presently in Jena or arrive before Feb 14th 2021.

Individual Curriculum – Mechanical/Precision Eng. Background

	Module 1	Module 2	Module 3	Module 4	Module 5
1st Semester	Solid State Physics	Microsystems Engineering	Electronic Hardware Systems	Physical Materials Diagnistics	Scientific Writing and Presentation	Non-technical Module 1 / German
2nd Semester	Elective Module				Soft Skills	Non-technical Module 2 / German
3rd Semester	Research Internship					
4th Semester	Master Thesis					Colloquium

Individual Curriculum Semester 1 – Mechanical/Precision Eng. Background (as per regulations)

General Modules Semester 1

Modul-nummer	Modulname Module name	Semester-wochenstunden				ECTS-Punkte des Moduls			Prüfungsart und Dauer	Wichtung der Prüfungs-leistungen	Voraussetzungen für die Erteilung der Modulnote (Studienleistungen)	Zugangs-Voraus-setzungen für Modulprüfung	Sprache der LV und PL
		V	S	Ü	P	PM	WPM	WM					
---	Postgraduale Basis-Module Postgradual Basics Modules	---	---	---	---	15	---	---	---	---	---	---	---
ST.2.195	Physikalische Werkstoffdiagnostik Physical Materials Diagnostics	3	0	0	1	6	---	---	SP 90 min.	100 %	SL: Prot., MT o. ST	---	Englisch
ST.2.196	Wissenschaftliches Schreiben und Präsentieren Scientific Writing and Presentation	1	2	0	0	6	---	---	---	---	SL	---	Englisch
---	Nicht-technisches Wahlpflichtmodul I Non-technical compulsory optional module I	---	---	---	---	3	---	---	---	---	---	---	---

Postgraduale Basis Modules

Modul-nummer	Modulname Module name	Semester-wochenstunden				ECTS-Punkte des Moduls			Prüfungsart und Dauer	Wichtung der Prüfungs-leistungen	Voraussetzungen für die Erteilung der Modulnote (Studienleistungen)	Zugangs-Voraus-setzungen für Modulprüfung	Sprache der LV und PL
		V	S	Ü	P	PM	WPM	WM					
ST.2.197	Festkörperphysik Solid State Physics	3	0	1	0	---	6	---	SP 90 min.	100 %	---	---	Englisch
ST.2.198	Mikrosystemtechnik Microsystems Engineering	2	0	1	0	---	3	---	SP 90 min.	100 %	---	---	Englisch
ET.2.904	Elektronische Hardwaresysteme Electronic Hardware Systems	3	0	0	1	---	6	---	SP 90 min.	100 %	SL: Prot., MT o. ST	---	Englisch

Non-Technical Compulsory Optional Module I

Modul-nummer	Modulname Module name	Semester-wochenstunden				ECTS-Punkte des Moduls			Prüfungsart und Dauer	Wichtung der Prüfungs-leistungen	Voraussetzungen für die Erteilung der Modulnote (Studienleistungen)	Zugangs-Voraus-setzungen für Modulprüfung	Sprache der LV und PL
		V	S	Ü	P	PM	WPM	WM					
GW.2.177	Deutsch als Fremdsprache I German as Foreign Language I	0	0	4	0	---	3	---	AP	100 %	---	---	Deutsch

Which exams and labs do I need to complete for Semester 1 if I have Mechanical/Precision Engg. background?

Subject	Exam type	Online/ Offline	Registration for the exam	Lab?	Online/Offline Lab	Registration for the lab
Solid State Physics	SP	Offline	February 2021	No	-	-
Microsystems Engineering	SP	Offline	February 2021	No	-	-
Electronic Hardware Systems	SP	Offline	February 2021	Yes	Online, Project	Now
Physical Materials Diagnostics	SP	Offline	February 2021	Yes	Online	Now
Scientific Writing and Presentation	SL	Online	Now	No	-	-
German as a Foreign Language	AP	Online	Now	No	-	-

Green: You may register if you have fulfilled the pre-conditions announced by the lecturer during the lesson. That could be for example a certain number of lab reports to complete the lab or required attendance of language courses.
Red: Registration is only advisable for those who are presently in Jena or arrive before Feb 14th 2021.

Individual Curriculums – Physics Background

	Module 1	Module 2	Module 3	Module 4	Module 5
1st Semester	Design of Precision Devices	Introduction to FEM	Electronic Hardware Systems	Physical Materials Diagnistics	Scientific Writing and Presentation	Non-technical Module 1 / German
2nd Semester	Elective Module				Soft Skills	Non-technical Module 2 / German
3rd Semester	Research Internship					
4th Semester	Master Thesis					Colloquium

Individual Curriculum Semester 1 – Physics Background (as per regulations)

General Modules Semester 1

Modul-nummer	Modulname Module name	Semester-wochenstunden				ECTS-Punkte des Moduls			Prüfungsart und Dauer	Wichtung der Prüfungs-leistungen	Voraussetzungen für die Erteilung der Modulnote (Studienleistungen)	Zugangs-Voraus-setzungen für Modulprüfung	Sprache der LV und PL
		V	S	Ü	P	PM	WPM	WM					
---	Postgraduale Basis-Module Postgradual Basics Modules	---	---	---	---	15	---	---	---	---	---	---	---
ST.2.195	Physikalische Werkstoffdiagnostik Physical Materials Diagnostics	3	0	0	1	6	---	---	SP 90 min.	100 %	SL: Prot., MT o. ST	---	Englisch
ST.2.196	Wissenschaftliches Schreiben und Präsentieren Scientific Writing and Presentation	1	2	0	0	6	---	---	---	---	SL	---	Englisch
---	Nicht-technisches Wahlpflichtmodul I Non-technical compulsory optional module I	---	---	---	---	3	---	---	---	---	---	---	---

Postgraduale Basis Modules

Modul-nummer	Modulname Module name	Semester-wochenstunden				ECTS-Punkte des Moduls			Prüfungsart und Dauer	Wichtung der Prüfungs-leistungen	Voraussetzungen für die Erteilung der Modulnote (Studienleistungen)	Zugangs-Voraus-setzungen für Modulprüfung	Sprache der LV und PL
ST.2.199	Konstruieren von Präzisionsgeräten Design of Precision Devices	2	0	0	2	---	6	---	AP: B	100 %	SL: Prot., MT o. ST	---	Englisch
ST.2.172	Einführung FEM Introduction to FEM	2	0	0	1	---	3	---	AP	100 %	SL: Prot., MT o. ST	---	Deutsch/ Englisch
ET.2.904	Elektronische Hardwaresysteme Electronic Hardware Systems	3	0	0	1	---	6	---	SP 90 min.	100 %	SL: Prot., MT o. ST	---	Englisch

Non-Technical Compulsory Optional Module I

Modul-nummer	Modulname Module name	Semester-wochenstunden				ECTS-Punkte des Moduls			Prüfungsart und Dauer	Wichtung der Prüfungs-leistungen	Voraussetzungen für die Erteilung der Modulnote (Studienleistungen)	Zugangs-Voraus-setzungen für Modulprüfung	Sprache der LV und PL
		V	S	Ü	P	PM	WPM	WM					
GW.2.177	Deutsch als Fremdsprache I German as Foreign Language I	0	0	4	0	---	3	---	AP	100 %	---	---	Deutsch

Which exams and labs do I need to complete for Semester 1 if I have Physics background?

Subject	Exam type	Online/ Offline	Registration	Lab?	Online/ Offline	Registration
Electronic Hardware Systems	SP	Offline	February 2021	Yes	Online, Project	Now
Design of Precision Devices	AP	Online	Now	Yes	Online	Now
Introduction to FEM	AP	Offline	Now	Yes	Online	Now
Physical Materials Diagnostics	SP	Offline	February 2021	Yes	Online	Now
Scientific Writing and Presentation	SL	Online	Now	No	-	-
German as a Foreign Language	AP	Online	Now	No	-	-

Green: You may register if you have fulfilled the pre-conditions announced by the lecturer during the lesson. That could be for example a certain number of lab reports to complete the lab or required attendance of language courses.
Red: Registration is only advisable for those who are presently in Jena or arrive before Feb 14th 2021.

When do I have to register for an examination?

According to examination regulations for Master's courses at SciTec, an examination has to be completed for the first time at the end of the 2nd semester, succeeding the semester in which it is scheduled according to the course curriculum. So if a course is scheduled for semester 1, you need to take your 1st attempt at the end of semester 3 at the latest. So basically one year after the examination has been offered to you for the first time:

§ 14 Ausschlussfristen

Die Modulprüfungen/Prüfungsleistungen müssen bis spätestens zum Ende des 2. Semesters nach empfohlener Ableistung im Studienplan erstmals vollständig abgelegt sein. Ansonsten gelten die noch nicht abgelegten Prüfungsleistungen als erstmalig

When can I attend the exams I have to skip due to absence?

All examinations which you cannot attend due to recent travel/visa restrictions can be completed in the summer term, from today's point of view. Either within the semester or in the exam period succeeding the lecture period. For the period dates, please refer to our semester schedule. From today's point of view, this includes all SPs as well as the AP in Introduction to FEM. There will be a separate registration for them later, most likely in the summer term.

Can I register for a lab but not for the exam and vice versa?

Yes. You can for example register for the PMD lab, but complete the written examination (SP) in the summer term. After you have completed both, lab and written examination, the credits will be awarded. You can also complete the written examination first and do the lab in the winter term 2021/22. But as emphasised before, this may delay your studies significantly. Furthermore, the regulations allow to refuse participation in an examination, if sub tasks like labs have not been completed.

What if I cannot arrive in the summer term?

There are two options you have:

1. You apply for a semester off. The application has to be completed within the running semester ending on March 31st 2021. Before you decide to do that, please contact me. You can complete a maximum of 3 Credits within the break semester.
2. You take part. From today's point of view, lectures will be held online and (some) labs may require attendance. So you again have the possibility to attend and complete as much as possible and earn some credits. You especially have the chance to complete the usually "crowded" mechanical-related electives. Furthermore, you may be available for interns and jobs as industry is gathering speed after the pandemic.

Can I defer an examination?

Yes. Each examination can be deferred, no matter the type. It can be deferred by:

1. Not registering. As mentioned on the slide before, registration becomes mandatory after 1 year. Not registering after one year will be considered a failed attempt.
2. Sending a medical certificate along with the appropriate form.
3. Applying for an exemption through the departments examination board.

Can I attend an examination without registration?

No. Registration is required.

What is the pre-condition to start my internship, scheduled in semester 3?

It is usually required to have earned all credits from semester 1. Since that might be difficult now, we will try to find an individual solution.

What if I register for an examination, but I do not appear?

This will be counted as failed attempt.

What if I fail an examination?

Examinations can be repeated twice. You have a 1st, a 2nd and a 3rd attempt. The number of 3rd attempts however, is limited to 4 throughout your studies. The results of previous attempts will not be considered for the grade. Please consider the point below.

Is it mandatory to register for a re-examination?

Yes. If a re-examination is offered, it is mandatory to register. If you fail to register, it will be considered as failed attempt. In some cases however, registration will be forced and you will receive an information on that. So please, always check your official university email ID!