

Master's program Informatics

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Secretary of the examination board

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<http://www.in.tum.de>

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Contact Persons



- Academic Programs Office
 - Susanne Kinzel

- Secretary of the Examination Board
 - Verena Wimmer (Full time studies)
 - Willemijn van Gemert (Part time studies)



Contact Persons

- Academic Counseling

- Vivija Simic
- Sibylle Roden-Kinghorst
- Sandra Kemler
- Imme Proske



- International Affairs

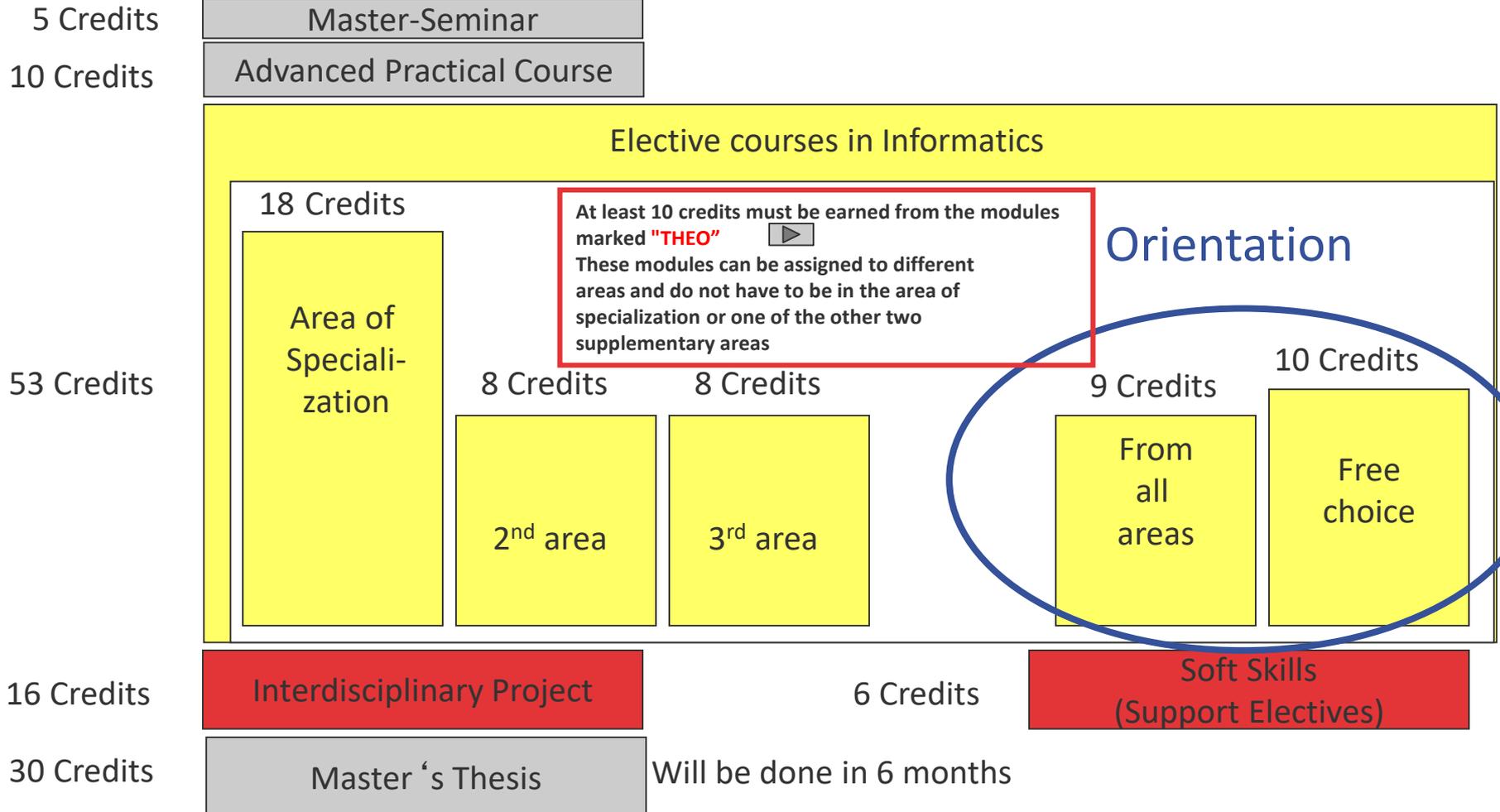
- Lena Krone (international degree students)
- Martina von Imhoff (study abroad)



Master's program Informatics

- Content of the program:
 - Examinations: 90 Credits (ECTS)
 - Master's Thesis: 30 Credits
 - Possibly additional fundamental exams („bridging courses“): max. 30 Credits
- Duration:
 - Regular time of studies: 4 semesters
 - At the latest at the end of the 7th semester
- Academic title:
 - Master of Science (M.Sc.) or Master of Science (TUM) (M.Sc. (TUM))

Curriculum Master Informatics

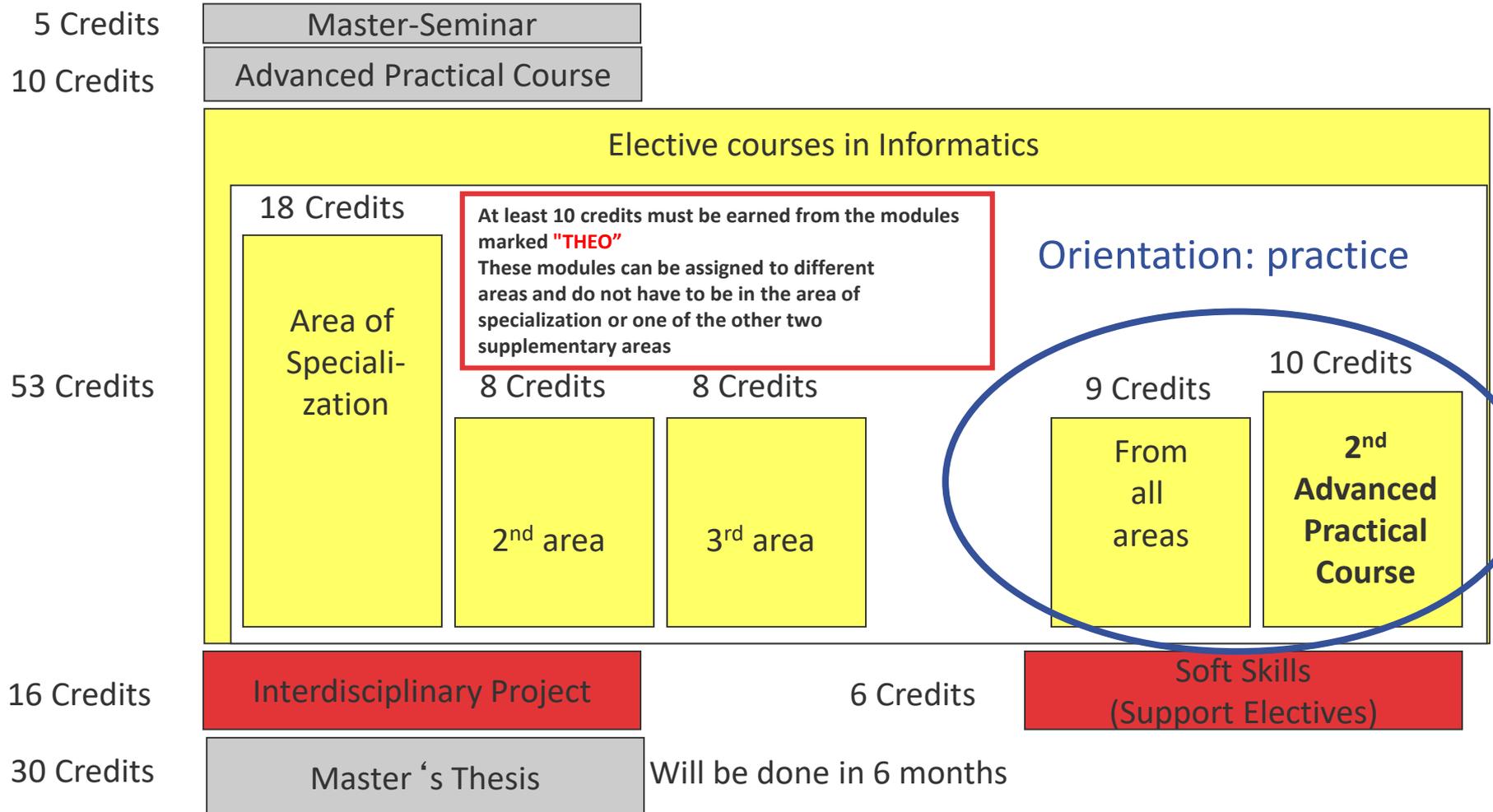




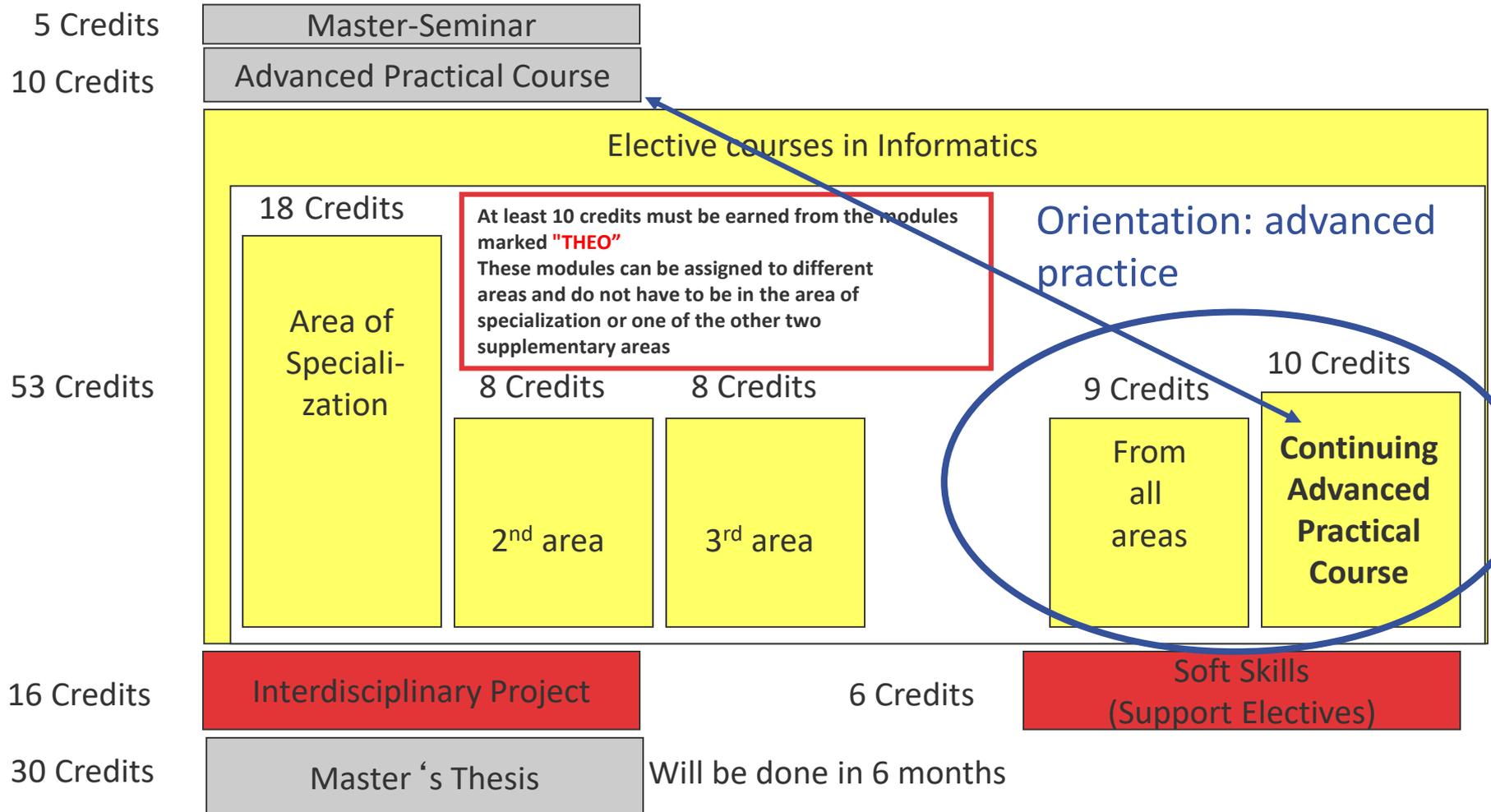
Different Orientations within the Programme

- Practice
- Basics
- Research

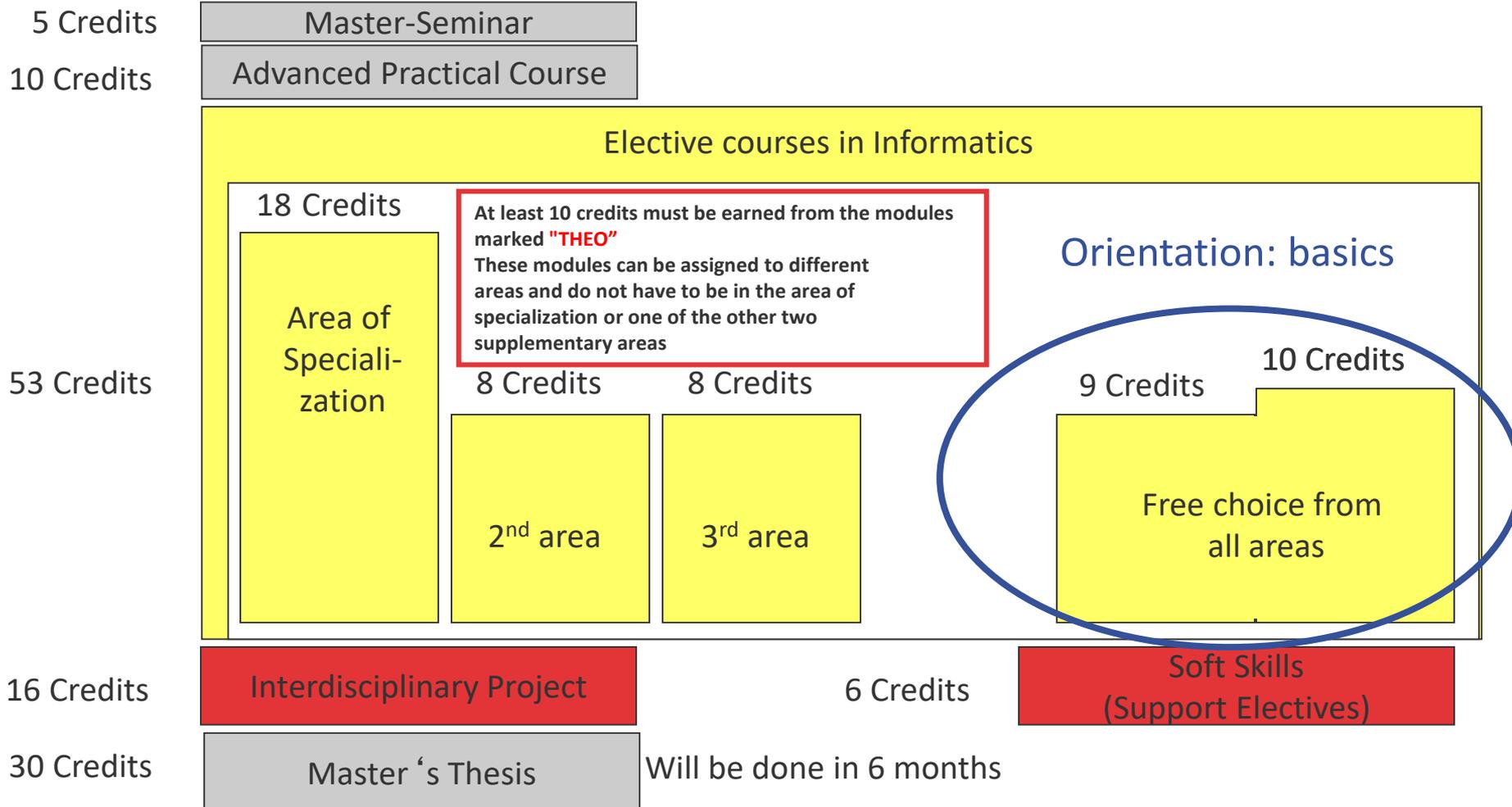
Curriculum Master Informatics – Practice



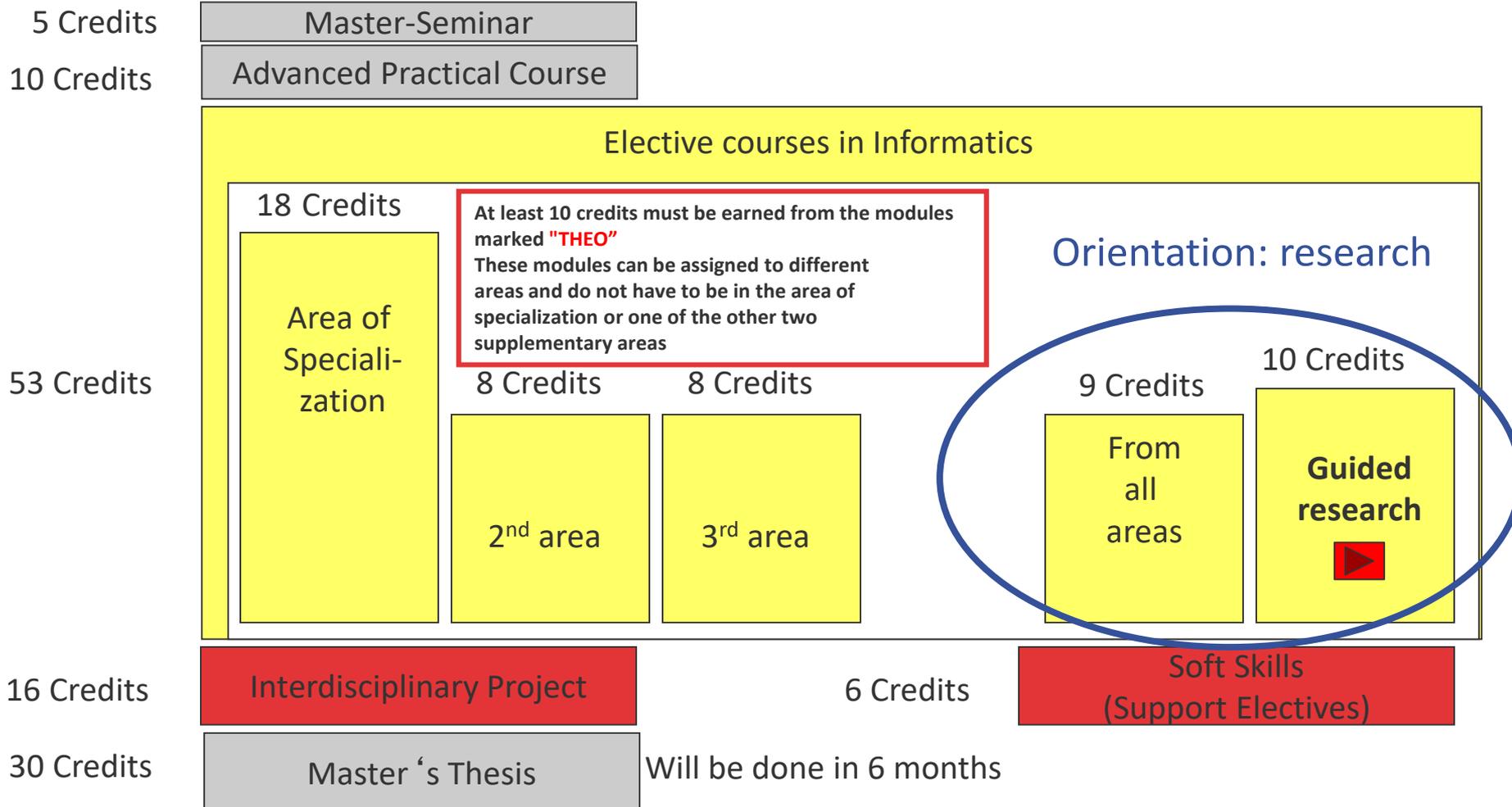
Curriculum Master Informatics – Advanced practice



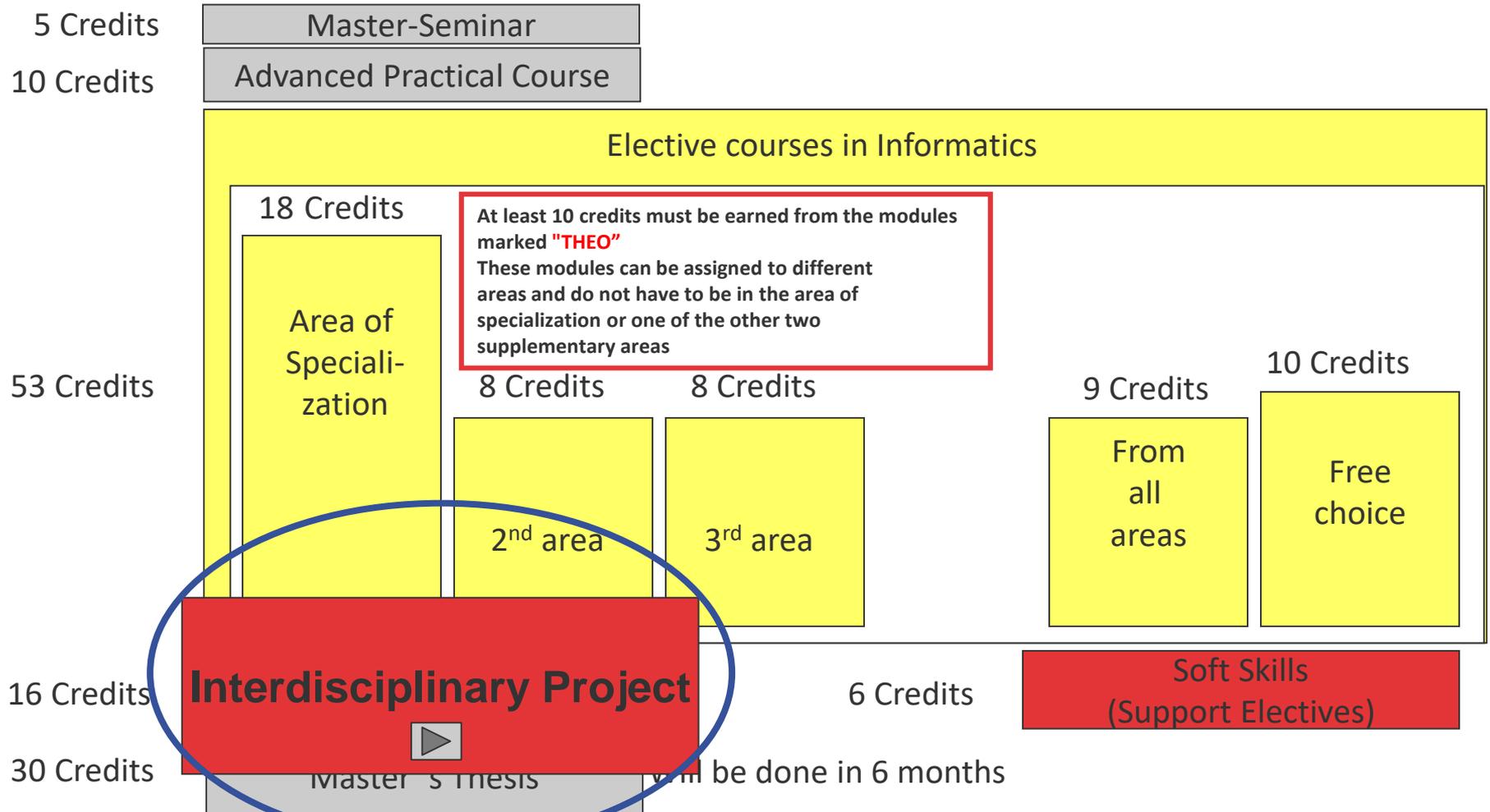
Curriculum Master Informatics - Basics



Curriculum Master Informatics - Research



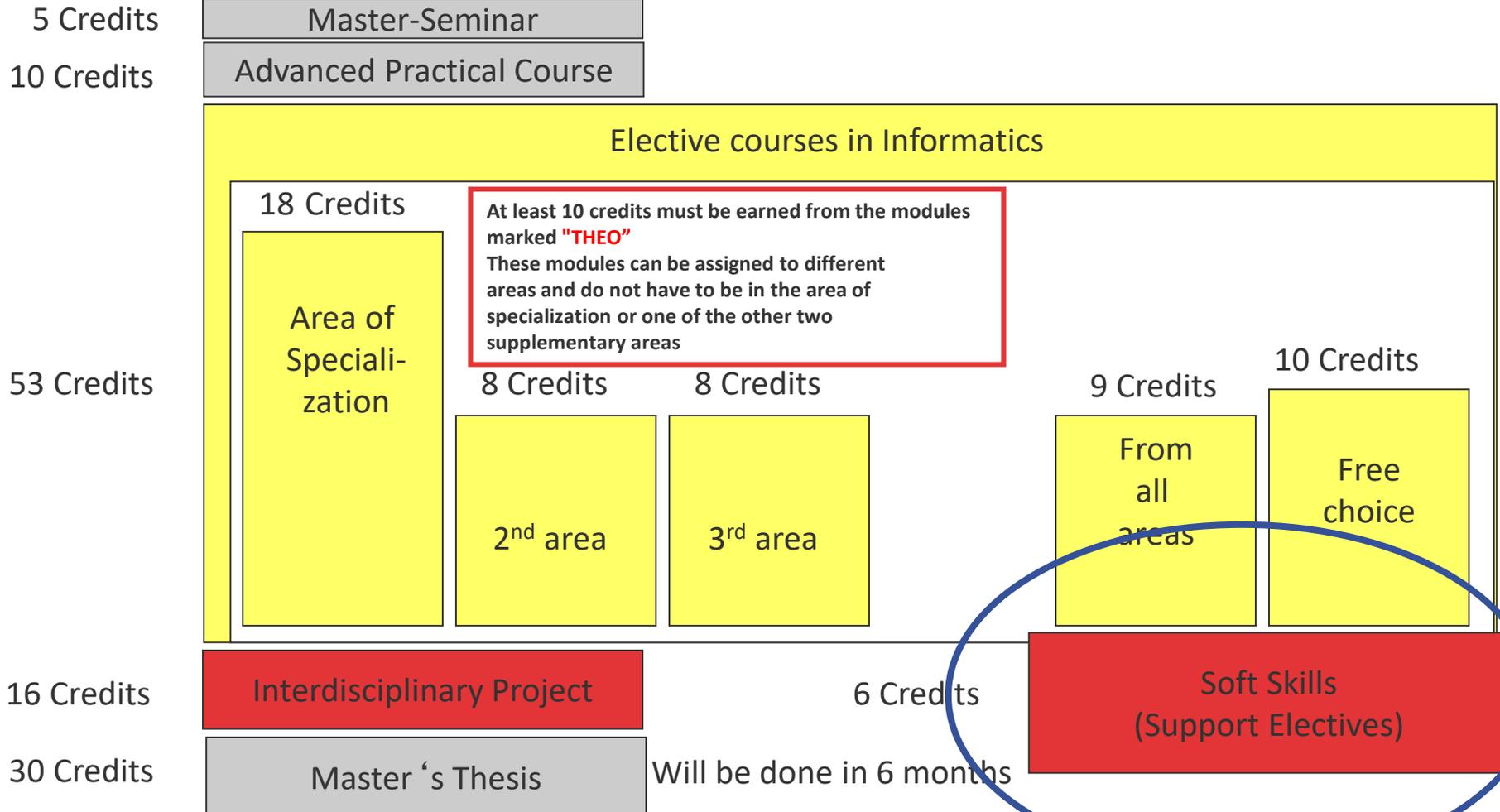
Curriculum Master Informatics



Interdisciplinary Project (IDP)

- Website: www.in.tum.de/fuer-studierende/master-studiengaenge/informatik/interdisziplinaeres-projekt/fpo-2012-and-fpso-2016-and-fpso-2018/
- “Let's talk about IDP & Application Project”
www.in.tum.de/en/current-students/advising-and-support/academic-advising/

Curriculum Master Informatics



Support Electives

- Soft Skills courses
- Courses at Carl von Linde Akademie
- Language courses
(assignment only upon request)



Study Plan - Structure of the 4 terms



Sem	Informatics Methodology and Knowledge		Informatics Practice		Informatics Research
1	Elective Courses (27)				
2	Elective Courses (11)		Advanced Practical Course (APC)(10)		
3	Elective Courses (5) Master's Seminar (5)				
	Elective Courses (10)	or	2 nd or continuing APC (10)	or	Guided Research (10)
4	Master's Thesis (30)				

- **Additionally** in the 1st to 3rd semester: Support Electives (6) and IDP(16)
- You are not bound to follow this plan, it is a recommendation
 - lectures can be heard according to the individual needs ...

Continuous Assessment Procedure

- Module examinations will be taken concurrently with the program
- Types: written, oral, project, ... (most exams will be on campus)
- **Mandatory** registration of examinations
 - always in TUMonline (<https://campus.tum.de>)
 - TUM account necessary
 - information on registration of examinations see <https://www.in.tum.de/en/in/current-students/administrative-matters/>
- Withdrawal
 - early withdrawal without indication of reasons possible
 - information on withdrawal see link above

Repetition of Examinations



(§ 44 FPSO together with § 23 und § 24 APSO)

- Check the module description to see when a repeat exam is offered

Study and examination performance	
Description of Achievement and Assessment Methods	The examir familiar with calculation: participant:
Exam retake next semester	N
Exam retake at the end of semester	J

- in most cases until first week of lecture period of the following semester
- Repetition for the purpose of improving grades is **not possible**
- The number of repeat examinations is only restricted by the examination deadlines of § 10 APSO

Don't forget to register!

Examination Time Limits (APSO § 10)

- 2nd semester: no examination passed → DF
- 3rd semester: less than 30 credits → DF
- 4th semester: less than 60 credits → DF
- 5th semester: less than 90 credits → DF
- 6th semester: examinations not yet taken → not passed
- 7th semester: examinations not yet taken → DF

DF – definitely failed → exmatriculation

Fundamental Examinations - Bridging courses – Requirements for Admission

- Bridging courses are listed in the **letter of admission**.
- They have to be **passed** in the **first academic year**.
- Failed bridging courses may be **repeated only once** and at the next examination date **within the first academic year**.
- Pursuant to § 46 (3) FPSO, admission to the Master's Thesis is only possible after passing all bridging courses.
- Suspension of enrollment to 3rd semester until the examinations are passed.
- Bridging courses are **not** part of the Master's examination.
- Examination results are **not** been taken into consideration for the overall grade.

Transfer of Credits

- All credits that are earned externally, have to be applied for!
- Includes additional achievements from **Bachelor's** degree, studies **abroad** and **ATHENS** programme
- <https://www.in.tum.de/en/current-students/administrative-matters/transfer-of-credits/>
- Bachelor / previous studies: within the first year

Certificate of Graduation

- lists **grade and topic of the final thesis** and the **overall grade**
- **overall grade**
 - calculated as the weighted grade average of the modules and the Master's thesis
 - the grade weights of the individual modules correspond to the credits assigned to each module
- **date on final certificate**
 - day when all module and examination requirements have been fulfilled
 - number of semesters is not printed

Certificate of Graduation

- in addition, the student will receive a **Transcript of Records** that lists all **passed modules with credits and grades**
- Graduation documents and preliminary certificates can only be issued when all grades in TUMonline (including the thesis) are validated.
- Certificates can only be given by the Central Examination Office, not the examination board.

Transcript of Records

Studiengang/Degree Program:
Informatik
Informatics

Akademischer Grad/Academic Title:
Master of Science (M.Sc.)

Zeugnisdatum/Certificate Date:
29. Mai 2020
29 May 2020

Gesamtnote und -credits: Overall Grade and Credits:	1,2	121
Prädikat: Designation:	mit Auszeichnung bestanden passed with high distinction	

Modul-ID Module ID	Modulbezeichnung Module Title	Note Grade	Credits Credits
Master's Thesis Master's Thesis			
IN2108	Master's Thesis Master's Thesis	1,0	30
	Thema: [REDACTED] Die Thesis wurde in englischer Sprache verfasst.		
	Topic: [REDACTED] The thesis was written in English.		

Transcript of Records: Zusatzleistungen

Transcript of Records: Additional Exams

Modul-ID Module ID	Modulbezeichnung Module Title	Note Grade	Credits Credits
Zusatzfächer Additional Examinations			
	Schwedisch A2 Swedish A2	1,0	3 *)
	Start-up financing Start-up financing	1,0	6

Modul-ID Module ID	Modulbezeichnung Module Title	Note Grade	Credits Credits
Master-Praktikum Advanced Practical Course			
IN2106	Master-Praktikum Advanced Practical Course Praktikum - iOS Practical Course iOS	1,0	10
Master-Seminar Advanced Seminar Course			
IN2107	Master-Seminar Advanced Seminar Course Masterseminar - Trends in Software and Systems Architecture Masterseminar - Trends in Software and Systems Architecture	1,0	5
Interdisziplinäres Projekt Interdisciplinary Project			
IN2334	Interdisziplinäres Projekt in einem Anwendungsfach Interdisciplinary Project in an Application Subject Front-end (vue.js/D3) und Backend (node.js) zur User-Authentifizierung, Dokumentenablage, Messaging und Multi-Language Support Front-end (vue.js/D3) and Backend (node.js) for user authentication, document storage, messaging and multi-language support	1,0	16
Wahlmodulkatalog Informatik Elective Modules Informatics			
Engineering software-intensiver Systeme (SE) Engineering Software-intensive Systems (SE)			
IN2087	Software Engineering für betriebliche Anwendungen - Masterkurs: Web Application Engineering Software Engineering for Business Applications - Master's Course: Web Application Engineering	1,3	8 *)
IN2081	Muster in der Softwaretechnik Patterns in Software Engineering	1,0	5
IN2114	Automotive Software - Methoden und Technologien Automotive Software - Methods and Technology	1,3	5 *)
Formale Methoden und ihre Anwendungen (FMA) Formal Methods and their Applications (FMA)			
IN2041	Automaten und formale Sprachen Automata and Formal Languages	2,7	8
IN2049	Logik Logic	1,7	8 *)
Robotik (ROB) Robotics (ROB)			

Student Code of Conduct

- course achievements and examinations have to be performed self-reliantly and on the basis of allowed resources only
- short text passages may be cited, but
 - clearly marked
 - literal citations must be quoted
- non-literal paraphrases must be quoted clearly, immediately, and reproducibly
- this also holds for code, seminar papers and Master's Thesis
- images also have to be referenced, and possibly an allowance of the owner is necessary
- use a full bibliography and primary sources
- if explicitly allowed by the lecturer, coursework may be provided collaboratively
- cheating leads to failing with only one possibility of retake
- for further information see
- <https://www.in.tum.de/en/in/current-students/administrative-matters/student-code-of-conduct/>



more
Questions?

Successful Studies!