




# Master 's program Informatics

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Academic Programs Office - Informatics  
Secretary of the examination board

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

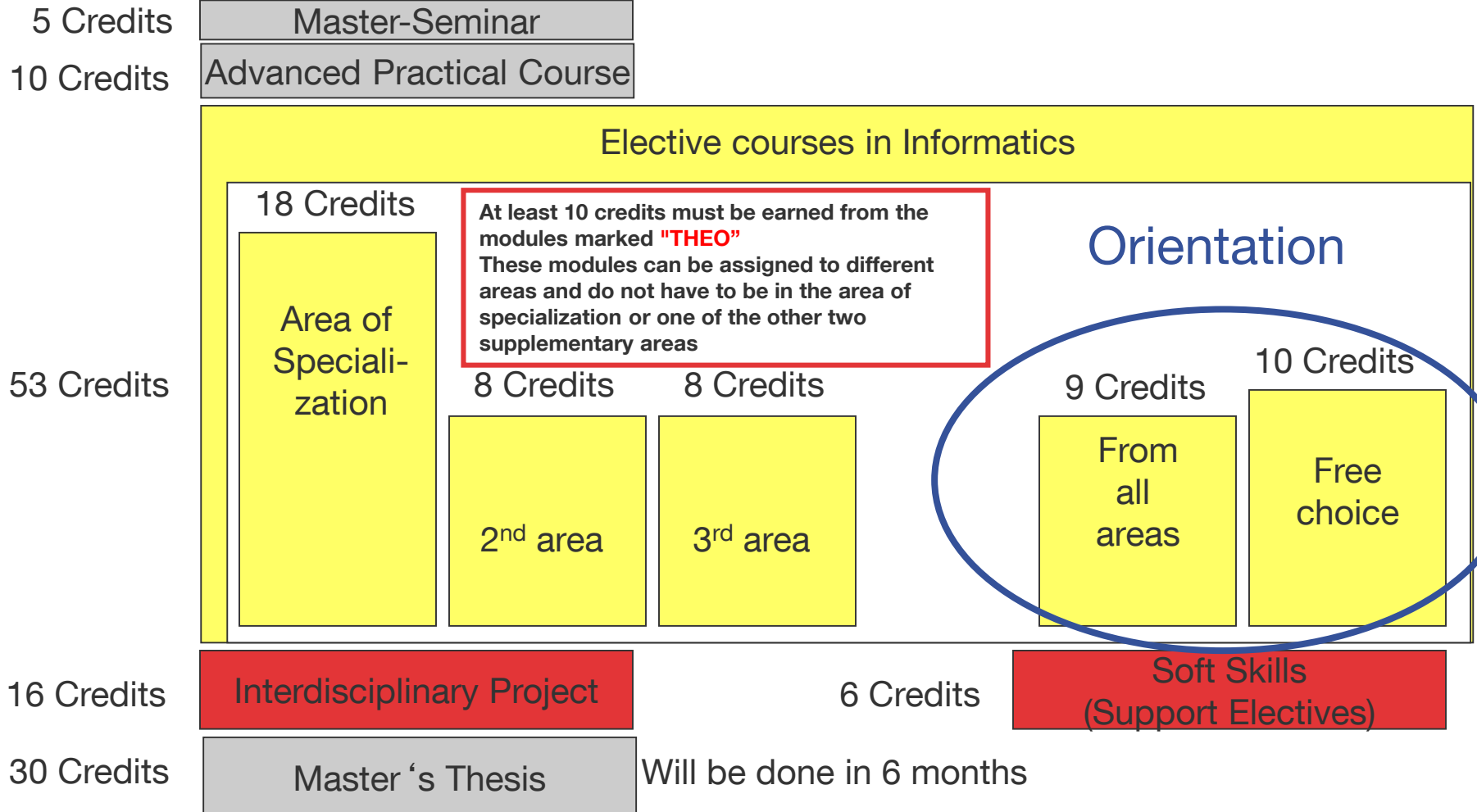
# Contact Persons

- Infopoint - first contact center
- Consecutive Recognition 
  - complete application at Infopoint
- Academic Programs Office
  - Christina Trenn
- Secretary of the Examination Board
  - Verena Wimmer
  - Willemijn van Gemert (Part time studies)
- Academic Counseling
  - Vivija Simic 
  - Sybille Roden-Kinghorst
- International Affairs
  - Lena Krone (international egree students)
  - Martina von Imhoff (study abroad)
  - Claudia Philipps

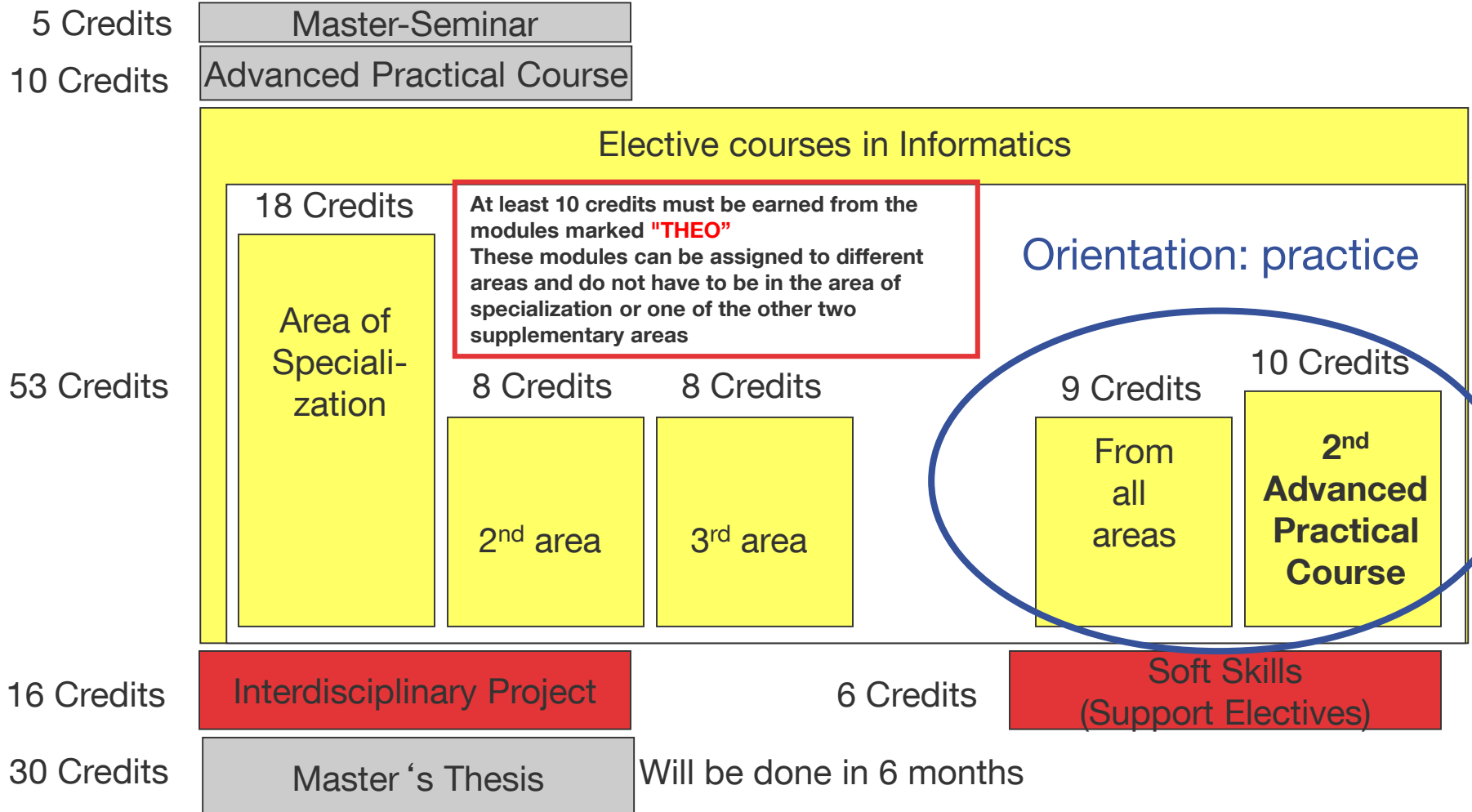
# Master 's program Informatics

- Goals of the program:
  - qualifying for entry into professional practice or research
  - provide comprehensive view of the discipline' s interrelated issues
  - learn to work independently according to academic principles
- 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 Semester
  - At the latest at the end of the 7th semester
- Academic title:
  - Master of Science or Master of Science (TUM)

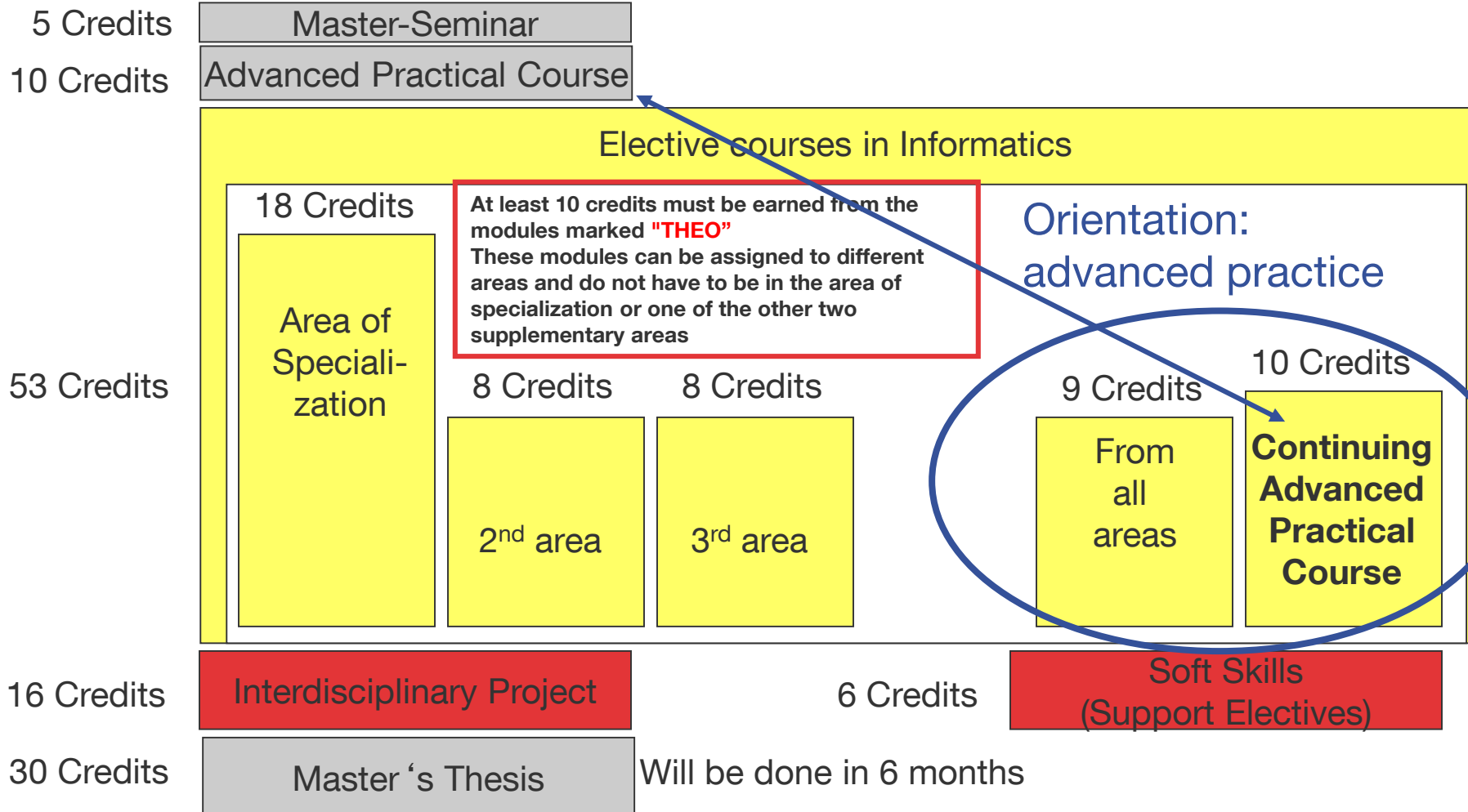
# Curriculum Master Informatics



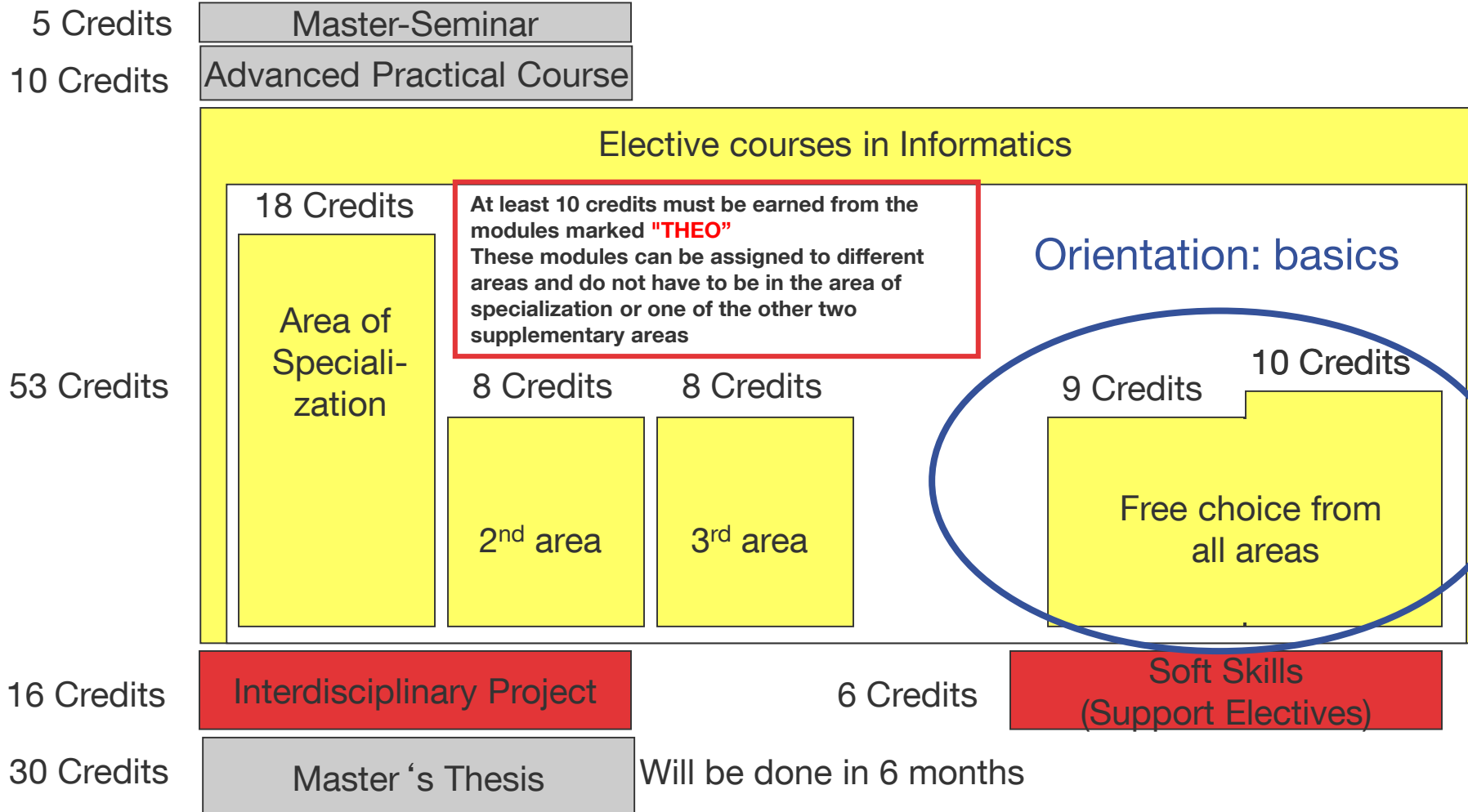
# Curriculum Master Informatics



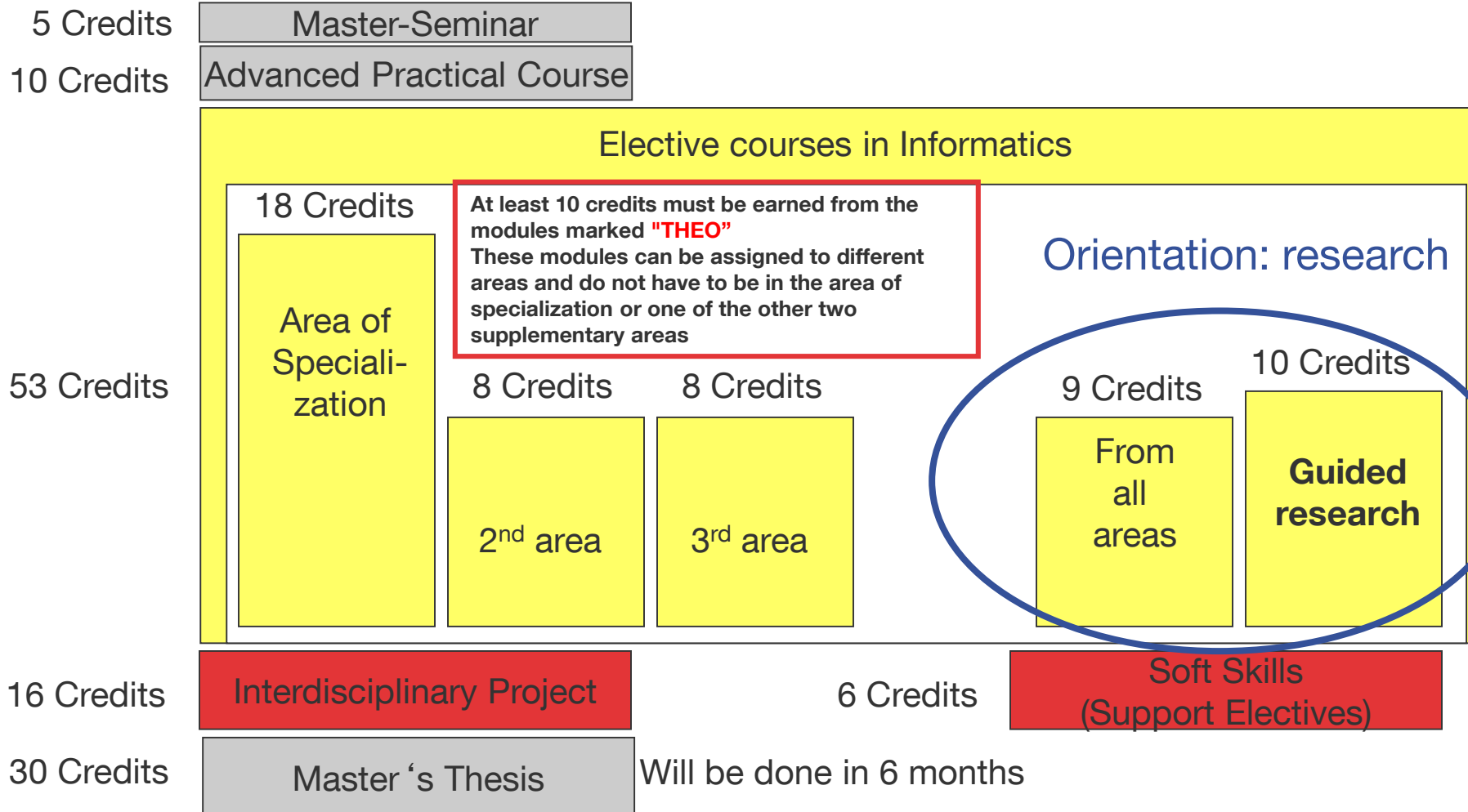
# Curriculum Master Informatics



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# Guided Research



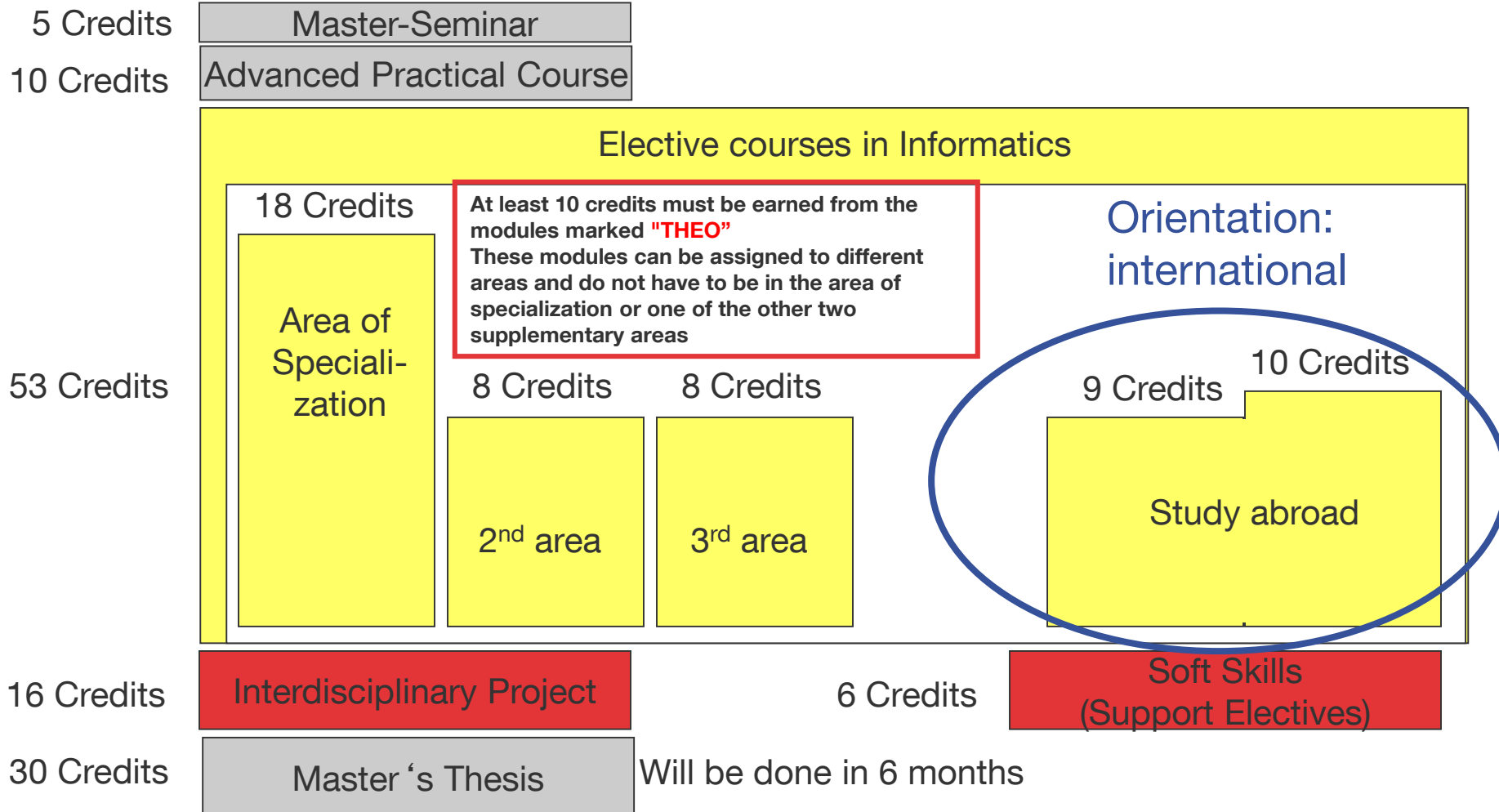
## Goals:

- Scientific literature research
- Development of an own (narrowly confined) result by means of scientific methods
- Structuring and writing of own scientific texts in English
- Presentation of the results in a short talk

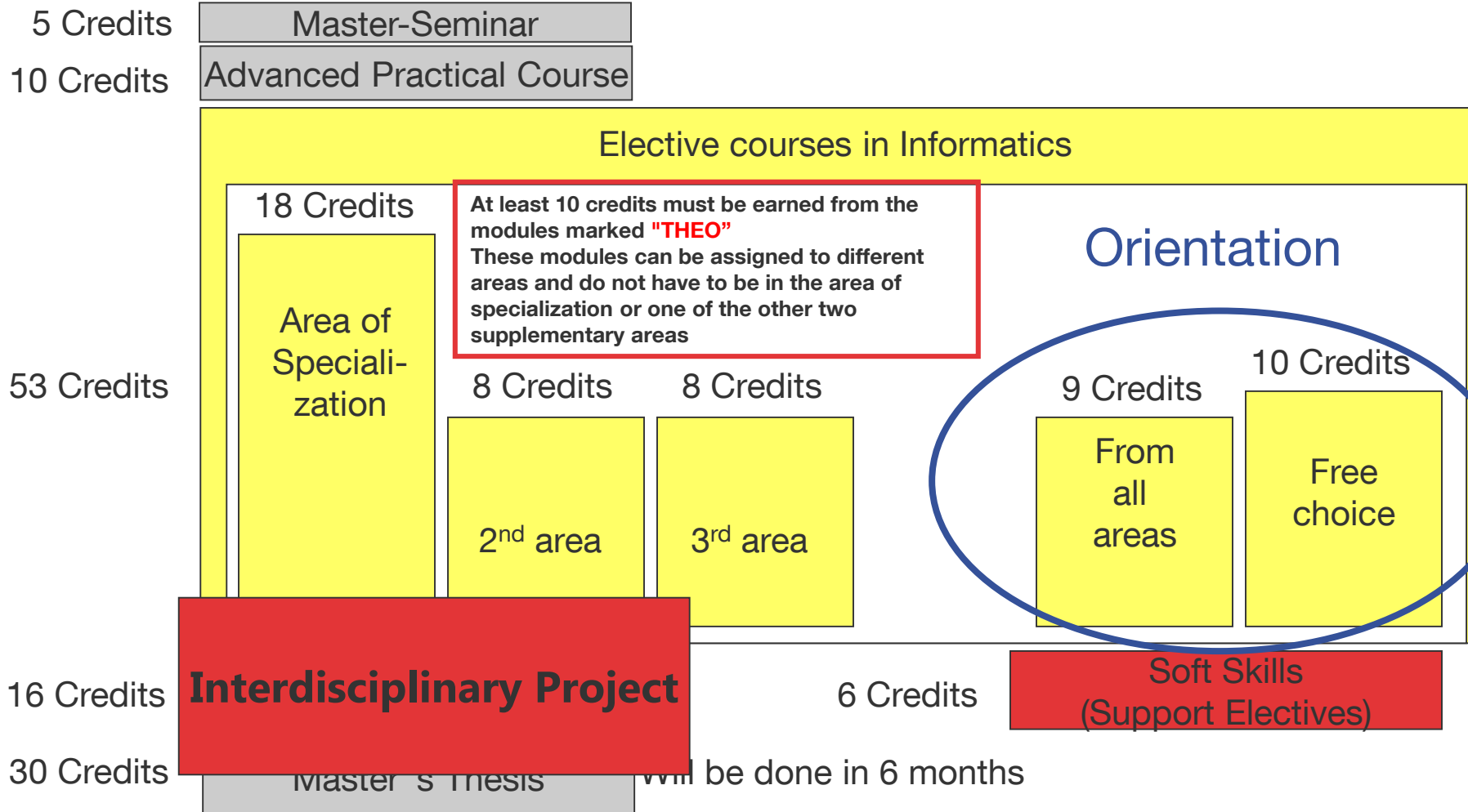
## Content:

- Student and advisor establish the topic and specify the task incrementally
- Self-depended (guided) scientific literature research
- Scientific elaboration of an own (narrowly confined) result with main focus on intensive literature research and writing scientific texts
- Student receives feedback on the results, suggestions for improvement opportunities and for further proceeding
- Creation of a short scientific report based on the experiences in English
- If meaningful and possible: submission of an article at a conference
- If meaningful and possible: participation at a conference


# Curriculum Master Informatics



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# Interdisciplinary Project (IDP)

- Goal: Bridging the gap between Informatics and its application
- Standard application areas
  - Mathematics
  - Electrical engineering
  - Medicine
  - Mechanical Engineering
  - Economics
- On special request the IDP can also be taken in another area
- 16 Credits
- Examination results include:
  - Grades from lectures
  - Practical work
  - Documentation and Presentation
  - Grade calculation 3:7 (lecture:project) (starting from WS 16/17)
- How-To for an IDP 

# Study Plan - Structure of the four 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 <sup>nd</sup> 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)
- Students 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, ...
- Mandatory registration of examinations
  - always in TUMonline (<https://campus.tum.de>)
  - MyTUM-login necessary
  - information on registration of examinations see <http://www.in.tum.de/en/current-students/administrative-matters/exams.html>
- Withdrawal
  - withdrawal due to illness (or other conclusive reasons)
  - early withdrawal without indication of reasons possible
  - information on withdrawal see <http://www.in.tum.de/en/current-students/administrative-matters/exams.html>

# Repitition of Examinations

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

- Failed examinations of required modules have to be repeated at the next offered examination date
  - for required modules each semester a repeat examination is offered
  - in most cases until first week of lecture period of the following semester
- Repitition 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)

- 2<sup>nd</sup> semester: no examination passed → ir
- 3<sup>rd</sup> semester: less than 30 credits → ir
- 4<sup>th</sup> semester: less than 60 credits → ir
- 5<sup>th</sup> semester: less than 90 credits → ir
- 6<sup>th</sup> semester: examinations not yet taken → np
- 7<sup>th</sup> semester: examinations not yet taken → ir

ir: irreversibly failed      np: not passed



# Fundamental Examinations - Bridging courses

- Fundamental Examinations are listed in the letter of admission.
- They have to be passed in the **first academic year**.
- Failed Fundamentals Examinations 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 Fundamental Examinations.
- Bridging courses are **not** part of the Master 's examination.
- Examination results are **not** being taken into consideration for the overall grade.

# Certificate of the Final Examination

- 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
- in addition the student will receive a **Transcript of Records** that lists all **passed modules with credits and grades**

# 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

<http://www.in.tum.de/en/current-students/administrative-matters/student-code-of-conduct.html>



# Questions?

# Successful Studies!