

Module Description for Module 27: Practical Training Phase

Module title	Practical Training Phase
Module number	M27
Programme	Computer Science
Applicability of the module	Applicable to other Computer Science Bachelor programmes
Module duration	1 semester
Status	Compulsory module
Recommended semester during the programme	6
Credit points (Cp) of the module	18
Prerequisites for module participation	Successful completion of modules in the first 5 semesters comprising 120 credit points.
Prerequisites for module examination	Release of the report by the host company
Module examination	Report (workload: 24 hours) and presentation (20 min. with a subsequent discussion), as well as attendance of 80% of all seminar appointments. Missed seminar appointments must be formally excused (e.g. a doctor's certificate or a testimonial by the host company to confirm the participation in training courses or fair visits). The mark is comprised of the report and the presentations, provided the attendance requirement has been fulfilled.
Intended learning outcomes /acquired competences of the module	<ul style="list-style-type: none"> <li>• The orientation in the desired professional field</li> <li>• The ability to conduct work responsibly in cooperation with others</li> <li>• The ability to assess unknown software systems</li> <li>• Insights into important application fields in Computer Science</li> </ul> <p>Additionally, the following extracurricular skills are developed:</p> <ul style="list-style-type: none"> <li>• Understanding of the relevance of IT for the organisation and for society</li> <li>• The ability to independently develop a presentation on professional activities and hold this presentation using modern presentation techniques within a given timeframe.</li> <li>• The ability to create a multi-page report in an adequate format</li> </ul>
Contents of the module	Seminar for the Practical Training Phase Supervised Practical Training Project
Teaching methods of the module	Seminar and supervised project
Total workload	540 h (30% - extracurricular skills)
Language of the module	English

Frequency of the module	All year
-------------------------	----------

Unit Description for Module 27: Seminar on the Practice Phase

Name of the unit	Seminar on the Practice Phase
Code	
Corresponding module	Practice Phase
Lecturer	Prof. Dr. Bernd Güsmann, Prof. Dr. Anne Riechert, Prof. Dr. Dieter Hackenbracht
Contents of the unit	<p>Contemporary presentation of the practice projects in a 20-minute presentation with</p> <p>Discussion referring your own lecture and participation in the discussion of other lectures.</p> <p>Layout of presentation pages (slides/laptop/projector)</p> <p>Creation of a 15-30-page-report on the lecture in visually appealing form with correct spelling. The report must have been approved by the practice firm by stamp and signature and must have been submitted to the seminar leader before the start of the lecture until the previous day of the presentation.</p>
Teaching methods	Seminar
Contact hours per week	2 or block seminar correspondingly
Total workload of the unit (h)	40
Total time of contact hours (h)	20
Total time of examination incl. preparation (h)	10
Total time of practical training (h)	0
Total time of self-study (h)	10
Language of the unit	English
Recommended reading	None
Type and form of assessment	See Module
Grading of the assessment	Differentiated
Further information	

## Unit Description for Module 27: Supervised Practice Project

Name of the unit	Supervised Practice Project
Code	
Corresponding module	Practice Phase
Lecturer	Prof. Dr. Bernd Güsmann, Prof. Dr. Anne Riechert, Prof. Dr. Dieter Hackenbracht
Contents of the unit	<p>Qualified participation in one or several small projects in the areas</p> <ul style="list-style-type: none"> <li>- System Analysis</li> <li>- Project work</li> <li>- Application programming</li> <li>- System programming</li> <li>- Subjects that can be derived from modules of the course</li> </ul>
Teaching methods	Project in a firm
Contact hours per week	
Total workload of the unit (h)	500
Total time of contact hours (h)	
Total time of examination incl. preparation (h)	
Total time of practical training (h)	500
Total time of self-study (h)	
Language of the unit	English
Recommended reading	The literature is provided by the firm that performs the supervised practice project. Additional literature sources are to be obtained independently, where appropriate, after consultation with the tutor.
Type and form of assessment	Certificate of the practice firm and the report presented on the performance of the practice tasks
Grading of the assessment	Undifferentiated
Further information	The practical project covers 14 weeks, 5 days per week. The participation in the seminar on the practice phase must be enabled by the firm.