

STUDY SEMESTER COMPUTER SCIENCE



REGULAR STUDY PERIOD

1 Semester | 30 ECTS



ADMISSION

limited admission



FORM OF STUDY

full-time study



BEGINNING OF THE COURSE

summer term



LANGUAGE INSTRUCTION

English



TUITION FEES

no tuition fees, only administration fee and semester



ADMISSION REQUIREMENTS

general higher education entrance, proved knowledge of the English Language (B2-level)



INFORMATION STUDY PROGRAM

Study Program Coordinator

Prof. Dr. Georg Schneider
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FURTHER INFORMATION

<https://www.hochschule-trier.de/go/study-cs>



STUDY LOCATION

Hauptcampus Schneidershof
54293 Trier



ENROLMENT

<https://www.hochschule-trier.de/en/computer-science/studies/studysemester>



COURSE CONTENTS

- courses in specialized areas of Computer Science
- project in the area of expertise of one of our faculty members, e.g. Game Development, Artificial Intelligence, Robotics, Mobile Systems, Interactive Media, Medical Informatics
- German language course



SKILLS | PERSONAL QUALIFICATIONS

- solid knowledge of the scientific and practical methods in Computer Science
- proved knowledge of the English language
- international and intercultural competences
- ability to communicate and work in a team, self-discipline and determination



YOUR EXCELLENT CONDITIONS

- all modules taught in English or English Friendly
- fully credited with 30 ECTS points per semester
- no tuition fees
- small classes, direct contact to faculty/applied research
- study in the heart of Europe (triangle between Germany/France/Luxembourg)
- German language course



YOUR MODULES AT A GLANCE

Sem	Bachelors Program
	GERMAN LANGUAGE [5 ECTS] Introductory course into the German language
	SEMINAR WEB TECHNOLOGIES [5 ECTS] Reading and presenting scientific papers from recent conferences
	CS PROJECT [10 ECTS] Project in an area of expertise of one of our faculty members with individual supervision
	ENGLISH FRIENDLY LECTURES [5 ECTS] Variety of lectures taught in German, with English materials and English speaking teaching assistants

Sem	Masters Program
	GERMAN LANGUAGE [6 ECTS] Introductory course into the German language
	HIGH PERFORMANCE COMPUTING [6 ECTS] General paradigms for parallel programming with practical exercises with CUDA
	ADVANCED GAME TECHNOLOGY [6 ECTS] The course deals with state-of-the-art research in computer graphics including advanced methods of image synthesis, both for the interactive presentation, as well as for offline rendering
	CS PROJECT [12 ECTS] Project in an area of expertise of one of our faculty members with individual supervision
	ENGLISH FRIENDLY LECTURES [6 ECTS] Variety of lectures taught in German, with English materials and English speaking teaching assistants