

Faculty of Computer Science and Mathematics
Information on the German-Tunisian double master's programme
between the University of Passau and
Ecole Supérieure des Communications (SUP'COM) in Tunis
as part of the degree programmes
M.Sc. Computer Science
and
M.Sc. Mobile and Embedded Systems

The Higher School of Communication of Tunis (SUP'COM) and the University of Passau have a partnership agreement leading to a double degree programme. The academic programme offers students at Sup'Com the opportunity to obtain the Tunisian 'Diploma of Engineering in Telecommunication' degree as well as the 'Master of Science' from the University of Passau in Computer Science or in Mobile and Embedded Systems.

Admission requirements

The University of Passau does not impose language requirements for admission. However, German knowledge at level B1 of the Common European Framework of Reference for Languages (CEFR) is strongly recommended.

Applicants must have successfully completed at least four full years of study in Computer Science or Telecommunications at the beginning of the exchange period applied for. Furthermore, a language certificate attesting good skills in English is required.

Application and selection process

Students are selected for and admitted to the double degree programme based on their academic results and motivation in a two-step process. Applicants should follow the application process of Sup'Com Tunis.

- In the first step, students are selected for the exchange programme by the academic representatives of both institutions.
- As the second step, the selected students then apply for admission at the University of Passau. They can choose between the M.Sc. Computer Science or the M.Sc. Mobile and Embedded Systems degree programmes at Passau.
- Students must successfully complete both steps to be admitted to the double degree programme. The results of the admission procedure are jointly announced by the Faculty of Computer Science and Mathematics (FIM) of the University of Passau (Prof. Kosch of the Chair of Distributed Information Systems) and Sup'Com Tunis (Prof. Mounir Frikha).

Standard period of study and overall credit value

**4 semesters
120 ECTS credits**

Study

Either master's programme at the University of Passau can be started in the winter or summer semester (October or April respectively). The University of Passau communicates the credits and marks/grades achieved by the students on the double degree programme to Sup'Com. According to the study and examination regulations for M.Sc. Computer Science and M.Sc. Mobile and Embedded Systems, marks achieved under the Tunisian system are converted according to the following formula:

$$N_{ger} = 1 + 3 \times \left(\frac{N_{max} - N_{tun}}{N_{max} - N_{min}} \right)$$

The variables are as follows:

- N_{ger} = Student's mark under the German system
- N_{tun} = Student's mark under the Tunisian system
- N_{max} = the lowest mark for which a 'très bien' distinction is awarded at Sup'Com
- N_{min} = the minimum pass mark at Sup'Com ('suffisant')
- At Sup'Com, the latter two are: $N_{max} = 16$ and $N_{min} = 9$.
- Thus the conversion formula becomes:

$$N_{ger} = 1 + 3 \times \left(\frac{16 - N_{tun}}{7} \right)$$

and the reverse formula for converting German to Tunisian marks:

$$N_{tun} = 16 - 7 \times \left(\frac{N_{ger} - 1}{3} \right)$$

Note that with this formula, a Tunisian mark of 16 corresponds to a '1,0' and a mark of 9 corresponds to a '4,0' in the German system (the comma is the decimal separator in the German notation).

Study and examination regulations and module catalogues

The students from Sup'Com selected for the double degree programme go about their studies at the University of Passau in accordance with the study and examination regulations (*'Studien- und Prüfungsordnung'*) of the M.Sc. Computer Science or the M.Sc. Mobile and Embedded Systems programme, as the case may be. The study and examination regulations and the module catalogues are available in German on the following web pages:

M.Sc. Computer Science: www.uni-passau.de/en/msc-computer-science/

M.Sc. Mobile and Embedded Systems: www.uni-passau.de/en/msc-mes/

There are no study and examination regulations specific to the double degree programme.

The credit transfer back to Sup'Com is done as follows:

- The master's thesis is recognised as 'Projet de Fin d'Etudes' at Sup'Com.
- Courses with a total of at least 30 ECTS credits from the successfully completed courses in the domain of Computer Science or Telecommunications of the M.Sc. Computer Science or M.Sc. Mobile and Embedded Systems study programmes at the University of Passau are recognised.

Degrees awarded

Students receive a degree in both programmes of study.

- University of Passau: Master of Science (M.Sc.)
- Sup'Com Tunis: Diplôme d'Ingénieur

Costs

The University of Passau does not charge tuition fees; however, you have to pay a contribution of currently €72.00 at matriculation and re-registration to the student services association each semester. The semester contribution includes the fees for a semester bus pass.

Contact person for further information

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Chair website: www.fim.uni-passau.de/en/distributed-information-systems/

For more details on the Diploma of Engineering in Telecommunications at Sup'Com, visit www.supcom.mincom.tn/En/degree-course_11_362.