

>> 98 %  
of all students  
would recommend  
DISC.

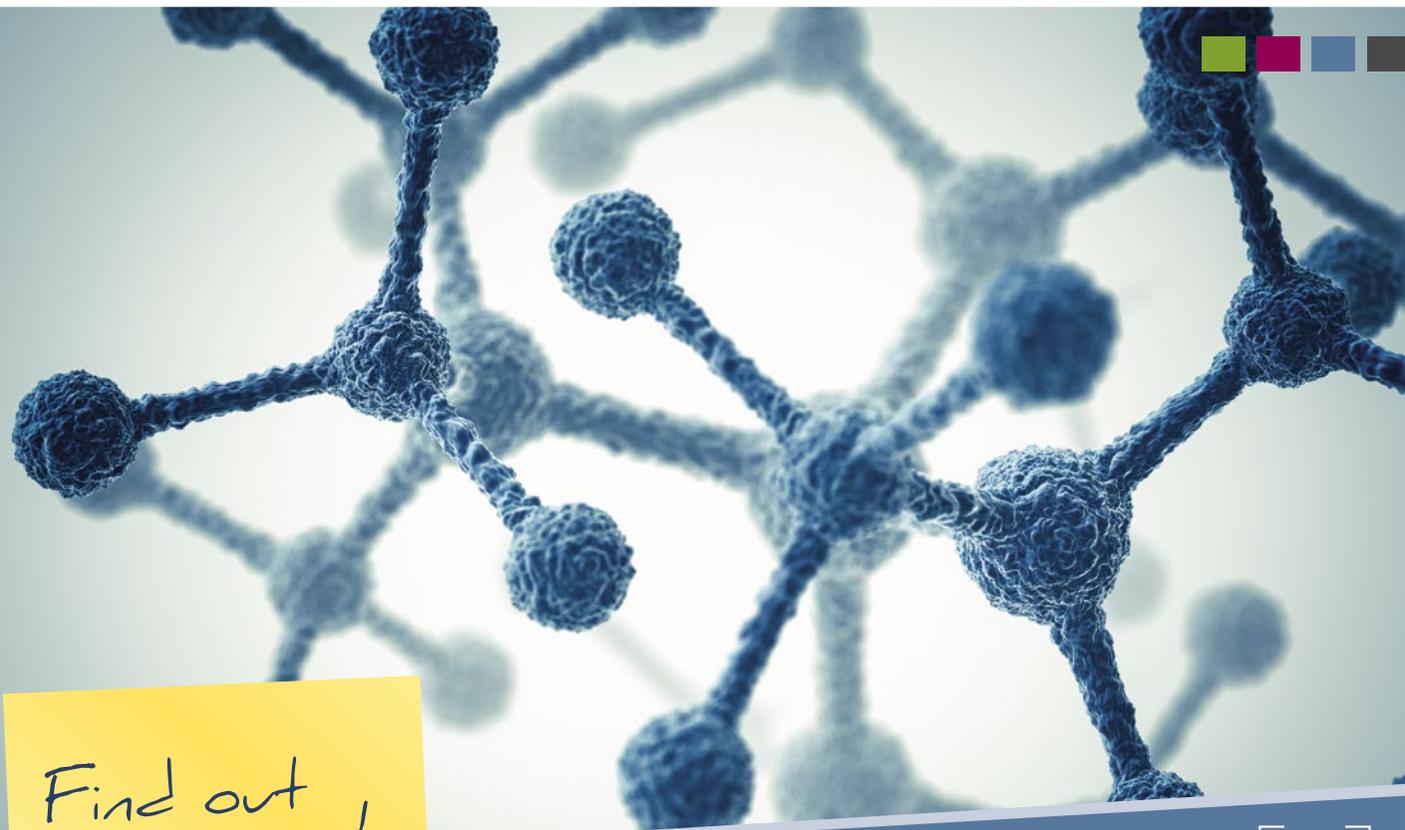
## ADVANTAGES OF DISTANCE LEARNING PROGRAMMES

The Distance and Independent Studies Center (DISC) has 25 years of experience in developing and designing academic courses for guided self-study. Approximately 4,300 students who want to improve their future career prospects are currently enrolled in part-time Master's and Certificate programmes at DISC.

More than 80% of students in DISC distance learning programmes successfully complete their courses. The reason for the high success rate is the combination of renowned academic programme leaders with strong links to the professional world, the didactically and professionally prepared learning materials, the range of online courses and materials, and the reliable advisory and support services offered by DISC employees.

### THREE PILLARS OF HIGH-QUALITY PROGRAMMES

- ❖ self-study material developed specifically for this degree programme by leading scientists
- ❖ online interaction via learning platform throughout the entire academic programme
- ❖ on-campus phases, which usually take place once per semester on a (prolonged) weekend in Kaiserslautern.



Find out  
more now!  
Free and no strings  
attached!

POSTGRADUATE DISTANCE LEARNING PROGRAMMES  
SCIENCE & ENGINEERING



DISTANCE STUDIES AND CAREER ❖  
**NANOTECHNOLOGY**  
MASTER OF SCIENCE  
**NANOBIOTECHNOLOGY**  
CERTIFICATE

### INFORM YOURSELF NOW

#### Programme Management

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Changes and errors expected

 **TECHNISCHE UNIVERSITÄT  
KAISERSLAUTERN**

DISTANCE AND INDEPENDENT  
STUDIES CENTER 



»» Develop your potential in a distance learning programme!

*Dear potential students,*

Nanotechnology and nanobiotechnology are young and fascinating research and career fields that are now considered "basic technologies of the 21st century" and are becoming cross-sectional technologies in modern enterprises. Nanoscale physics creates new and fascinating opportunities to customise properties of systems not only with materials but also on the basis of size and shape. However, there is no longer a clear distinction between physics, chemistry and biology at this scale. Therefore, it is necessary for traditional engineers and natural scientists to acquire additional knowledge and skills.

We are more than happy to send you our comprehensive study guide.

The Managing Directors

## OBJECTIVE

- CHARACTERIZATION OF NANOSTRUCTURES
- TECHNOLOGY OF MICRO- AND NANO-ELECTRO-MECHANICAL SYSTEMS
- NANOMATERIALS
- CARBON NANOMATERIALS
- NANOTECHNOLOGICALLY MODIFIED BIOMATERIALS
- NANOPARTICLES AS THERAPEUTIC DRUG CARRIER AND DIAGNOSTICS

AND MORE

## AT A GLANCE

**Degree/Title:** Master of Science (M.Sc.) or certificate

**Duration:** 6 semesters (M.Sc.) or 2 semesters (certificate) (part-time)

**Costs per Semester:** 820 Euro + presently 102 Euro social fee

**Fee for the Master's Thesis:** 500 Euro

**Start:** winter semester of each year (October)

**Language:** English

## TARGET GROUP

**Master's programme:** Our programme primarily targets individuals who already have professional experience in industry, research institutions, universities or hospitals.

**Certificate:** This programme is aimed at graduates with degrees in engineering or the natural sciences, including medicine and pharmacy, who are interested in gaining additional insights into the diverse interconnections and impacts of this new technology. No evidence of a qualified and relevant professional work experience must be provided.

If you lack the necessary work experience to enrol in the Master's programme, you might consider enrolling in the "Nanobiotechnology" programme first and then continuing with the "Nanotechnology" programme at a later date.

## ADMISSION REQUIREMENTS

A completed academic degree in a technical/scientific subject, pharmacy or medicine. Applicants must prove that they have sufficient knowledge of the English language. Applicants for the Master's programme are required to have a minimum of one year of relevant professional work experience after graduation.