

# Bilingual Programmes in Mathematics



TECHNISCHE  
UNIVERSITÄT  
DARMSTADT

Bilingual certificates “**Mathematics bilingual**” and “**Mathematics with Economics bilingual**”  
in the B.Sc. Programme Mathematik (as per degree programme guidelines 01.10.2011)

## Mathematics bilingual

You study mathematics as your major subject and your choice of a minor, which accounts for roughly one sixth of your study load. In your 3rd year, you choose courses from a wide range of mathematical specialisations.

## Mathematics with Economics bilingual

You study mathematics, with a twist towards applications in economics and finance: Selected 3rd year specialisations are combined with *two* minors, comprising courses in economics and in computer science. These minors together account for just over a quarter of your study load.

### Courses taught in English (courses in German not shown):

- Both “Mathematics bilingual” and “Mathematics with Economics bilingual”
- Mandatory in “Mathematics bilingual”, elective in “Mathematics with Economics bilingual”
- Elective in “Mathematics bilingual”, mandatory in “Mathematics with Economics bilingual”

Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6
Analysis or Linear Algebra (18 CP)		Complex Analysis (5 CP)	Algorithmic Discrete Mathematics (5 CP)	Probability Theory (9 CP)	Seminar (5 CP)
		Proseminar (3 CP)	English for Mathematicians (3 CP)		Bachelor-Thesis (12 CP)
				Selected Mathematical Courses in English	

- » *English is the international language of science and business – so is mathematics!*
- » *acquire competence in mathematics & subject specific language skills*
- » *bilingual from the start: one of two basic tracks in English in year one*
- » *round off with a year abroad to qualify yourself for mathematical careers with an international edge*

Information über Studienmöglichkeiten/Einschreibung  
[www.tu-darmstadt.de/studieren](http://www.tu-darmstadt.de/studieren)

hobit – Schülermesse Hochschul- und Berufsinfotage  
[www.hobit.de](http://www.hobit.de)

TUday – Infotag für Studieninteressierte  
[www.tu-day.de](http://www.tu-day.de)

TU-Schnuppertage für Schülerinnen (MINT)  
[www.tu-schnuppertage.de](http://www.tu-schnuppertage.de)

Onlinehilfe zur Studienwahl  
[www.osa.tu-darmstadt.de](http://www.osa.tu-darmstadt.de)

Vorlesungsverzeichnis  
[www.tucan.tu-darmstadt.de](http://www.tucan.tu-darmstadt.de)

Information für Studieninteressierte mit internationalen  
Zeugnissen bei Zulassung International  
[www.tu-darmstadt.de/aaa](http://www.tu-darmstadt.de/aaa)

Zentrum für Lehrerbildung  
[www.zfl.tu-darmstadt.de](http://www.zfl.tu-darmstadt.de)

## Zentrale Studienberatung und -orientierung ZSB

- ▶ Veranstaltungen zu Studienwahl, Studienangebot, Karriereplanung
- ▶ Individuelle Studienorientierung
- ▶ Entscheidungsfindung im persönlichen Gespräch
- ▶ Zielgerichtete Studienplanung

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[www.zsb.tu-darmstadt.de](http://www.zsb.tu-darmstadt.de)

### Offene Sprechstunde (ohne Terminvereinbarung)

Di, Do 10 - 12 Uhr  
Mi 14 - 16 Uhr  
Do 16 - 18 Uhr u.n.V.

## Impressum

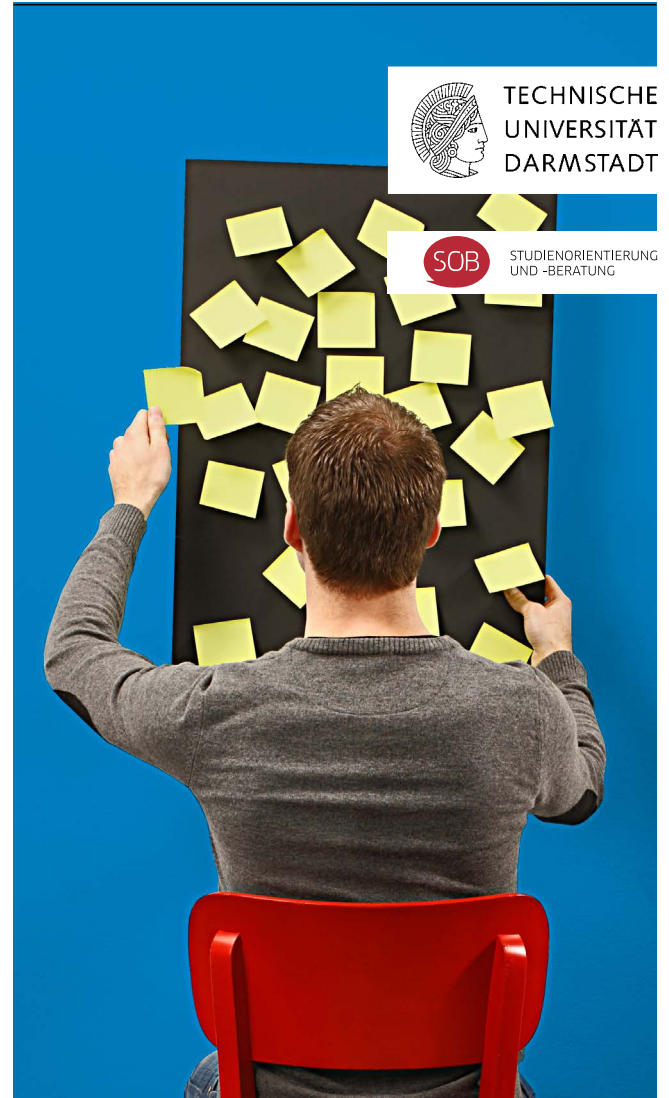
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Bitte hier falten

# Bilingual Programmes in Mathematics Bachelor of Science

## Information



## A Bilingual Learning Environment

Our bilingual programmes are designed to be attractive to students who want to give their studies that extra international edge – through courses taught in English, an internationally oriented mix of students, and the resulting extra skills in communication and fluency in mathematical English.

One of the two basic first-year courses in mathematics is taught in English, and so are several mandatory or elective courses in the second and third years; you earn roughly a third of your credits in the medium of English – including a Bachelor thesis written in English.

[www.mathematik.tu-darmstadt.de](http://www.mathematik.tu-darmstadt.de)

## Admission

Application and admission:  
[www.tu-darmstadt.de/studieren](http://www.tu-darmstadt.de/studieren)

Programme start: winter semester only  
Application deadline:

- July 15.

Please be aware that procedures for admission may be subject to change; so please check the relevant information early.