

Overview of Degree Programmes, Corresponding TestAS Modules, and Recommended Subject-Specific MINTFIT Online Modules

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Partner University	Offered Degree Programmes –Corresponding TestAS Modules	Recommended Subject-Specific MINTFIT Online Module
Ruhr-University Bochum (UA Ruhr)	<ul style="list-style-type: none"> • <u>Applied Computer Science</u> ^{1 or 2} (English knowledge required B2) 	Technology
	<ul style="list-style-type: none"> • <u>Civil Engineering</u>² 	Technology
	<ul style="list-style-type: none"> • <u>Biochemistry</u>¹ (NC-Sub) 	Biology
	<ul style="list-style-type: none"> • <u>Biology</u>¹ (NC-Sub) 	Biology
	<ul style="list-style-type: none"> • <u>Chemistry</u>¹ 	Chemistry
	<ul style="list-style-type: none"> • <u>Electrical Engineering and Information Technology</u> ² 	Mathematics or Technology
	<ul style="list-style-type: none"> • <u>Geography</u> ¹ (NC-Sub) 	Biology or Mathematics
	<ul style="list-style-type: none"> • <u>Earth Sciences</u>¹ 	Physics or Mathematics
	<ul style="list-style-type: none"> • <u>Computer Science</u>¹ (Englisch language B2 required) 	Computer Science
	<ul style="list-style-type: none"> • <u>IT-Engineering</u> ^{1 oder 2} 	Computer Science
	<ul style="list-style-type: none"> • <u>IT-Security/ Information Technology</u>^{1 or 2} (Englisch Language B2 required) 	Mathematics or Computer Science
	<ul style="list-style-type: none"> • <u>Management and Economics</u>³ (NC-Fach) 	Economics
	<ul style="list-style-type: none"> • <u>Mechanical Engineering</u>² 	Technology
	<ul style="list-style-type: none"> • <u>Material science</u>^{1 oder 2} 	Physics + Mathematics or Technology
	<ul style="list-style-type: none"> • <u>Mathematics</u>¹ 	Mathematics
<ul style="list-style-type: none"> • <u>Physics</u>¹ 	Physics	

	<ul style="list-style-type: none"> • <u>Sales Engineering and Product Management^{1 or 2}</u> 	Mathematics
	<ul style="list-style-type: none"> • <u>Environmental Engineering²</u> 	Mathematics, Engineering
Technical University of Dortmund (UA Ruhr)	<ul style="list-style-type: none"> • <u>Applied Computer Science¹</u> 	Computer Science
	<ul style="list-style-type: none"> • <u>Bioengineering²</u> 	Biology or Engineering
	<ul style="list-style-type: none"> • <u>Chemistry¹</u> 	Chemistry
	<ul style="list-style-type: none"> • <u>Chemical Engineering²</u> 	Chemistry or Engineering
	<ul style="list-style-type: none"> • <u>Chemical Biology¹</u> 	Chemistry or Biology
	<ul style="list-style-type: none"> • <u>Data Science¹</u> 	Mathematics or Computer Science
	<ul style="list-style-type: none"> • <u>Electrical Engineering and Information Technology²</u> 	Mathematics or Engineering
	<ul style="list-style-type: none"> • <u>Computer Science¹</u> 	Computer Science
	<ul style="list-style-type: none"> • <u>Logistics²</u> 	Technology
	<ul style="list-style-type: none"> • <u>Mechanical Engineering²</u> 	Engineering
	<ul style="list-style-type: none"> • <u>Mathematics¹</u> 	Mathematics
	<ul style="list-style-type: none"> • <u>Sustainable Energy systems²</u> 	Technology
	<ul style="list-style-type: none"> • <u>Medical physics¹</u> 	Physics
	<ul style="list-style-type: none"> • <u>Physics¹</u> 	Physics
	<ul style="list-style-type: none"> • <u>Statistics¹</u> 	Mathematics
	<ul style="list-style-type: none"> • <u>Technomathematics¹</u> 	Mathematics
	<ul style="list-style-type: none"> • <u>Business Mathematics¹</u> 	Mathematics
	<ul style="list-style-type: none"> • <u>Economics³</u> 	Economics / Business Administration
	<ul style="list-style-type: none"> • <u>Industrial Engineering (NC-sub) ²</u> 	Engineering



STUDIENBRÜCKE

University of Duisburg-Essen (UA Ruhr)	<ul style="list-style-type: none"> • <u>Applied Computer Science - Engineering or Media Informatics</u>^{1 or 2} 	Computer Science or Technology
	<ul style="list-style-type: none"> • <u>Civil Engineering</u>² 	Technology
	<ul style="list-style-type: none"> • <u>Chemistry</u>¹ 	Chemistry
	<ul style="list-style-type: none"> • <u>Electrical Engineering und Information Technology</u> ² 	Mathematics
	<ul style="list-style-type: none"> • <u>Energy Science (English Language B2 required)</u> ¹ 	Physics
	<ul style="list-style-type: none"> • <u>Mechanical Engineering</u>² 	Technology
	<ul style="list-style-type: none"> • <u>Mathematics</u>¹ 	Mathematics
	<ul style="list-style-type: none"> • <u>Nano Engineering</u>² 	Technology
	<ul style="list-style-type: none"> • <u>Physics</u>¹ 	Physics
	<ul style="list-style-type: none"> • <u>Softwareengineering</u>^{1 oder 2} 	Computer Science
	<ul style="list-style-type: none"> • <u>Technomathematik</u>¹ 	Mathematics
	<ul style="list-style-type: none"> • <u>Water Science, Chemistry, Analytical, Microbiology</u>¹ 	Chemistry
	<ul style="list-style-type: none"> • <u>Business Mathematics</u> ¹ 	Mathematics
RWTH Aachen (*)	<ul style="list-style-type: none"> • <u>Computer Engineering</u> ^{1 or 2} 	Technology or Computer Science
	<ul style="list-style-type: none"> • <u>Electrical Engineering and Information Technology</u>^{1 or} 	Technology
	<ul style="list-style-type: none"> • <u>Computer Science</u> ^{1 or 2 (NC-Sub), B2 English required)} 	Computer Science
	<ul style="list-style-type: none"> • <u>Mechanical Engineering</u> ^{1 or 2} 	Technology
	<ul style="list-style-type: none"> • <u>Mechanical Engineering</u> ^{1 or 2} 	Technology
University of Siegen	<ul style="list-style-type: none"> • <u>Civil Engineering</u>² 	Technology
	<ul style="list-style-type: none"> • <u>Business Administration (BWL)</u>³ 	Economics



STUDIENBRÜCKE

	<ul style="list-style-type: none"> • <u>Biomedical Technology / Digital Biomedical and Health Sciences (Biomedizin, Chemie)</u>¹ oder 2 	Engineering or Mathematics / Computer Science / Natural Sciences
	<ul style="list-style-type: none"> • <u>Chemistry</u>¹ 	Chemistry
	<ul style="list-style-type: none"> • <u>German and European Business Law</u>³ 	Economics
	<ul style="list-style-type: none"> • <u>Digital Engineering in Elctrotechnology</u>¹ or ² 	Technology
	<ul style="list-style-type: none"> • <u>Digital Engineering Maschinenbau</u>¹ oder ² 	Technology
	<ul style="list-style-type: none"> • <u>Digital Engineering Mechatronics</u>¹ od ² 	Technology
	<ul style="list-style-type: none"> • <u>Electrotechnology</u>¹ or ² 	Technology
	<ul style="list-style-type: none"> • <u>Computer Science</u>¹ or ² 	Computer Science or Technology
	<ul style="list-style-type: none"> • <u>Machenanical Engineering</u>² 	Technology
	<ul style="list-style-type: none"> • <u>Mathematics</u>¹ 	Mathematics
	<ul style="list-style-type: none"> • <u>Physics</u>¹ 	Physics
	<ul style="list-style-type: none"> • <u>Business Information Systems</u>¹ or ² or³ 	Engineering, Computer Science, or Economics
	<ul style="list-style-type: none"> • <u>Industrial Engineering and Management</u>² 	Technology
Europa-University - Viadrina	<ul style="list-style-type: none"> • <u>Law and Economics Economics and Law</u>³ 	Economics
	<ul style="list-style-type: none"> • <u>International Business Administration (IBWL)</u>³ 	Economics
University of Bonn	<ul style="list-style-type: none"> • <u>Chemistry</u>¹ 	Chemistry
	<ul style="list-style-type: none"> • <u>Geodesy and Geoinformatics</u>² 	Technology
	<ul style="list-style-type: none"> • <u>Earth Sciences</u>¹ 	Chemistry or Physics
	<ul style="list-style-type: none"> • <u>Meteorology und Geophysics</u>¹ 	Physics and/or Mathematics
	<ul style="list-style-type: none"> • <u>Physic</u>¹ oder ² 	Physics

	<ul style="list-style-type: none"> • <u>Mathematics¹</u> 	Mathematics
Bauhaus-University Weimar	<ul style="list-style-type: none"> • <u>Civil Engineering^{1 or 2}</u> 	For all degree programmes, applicants are advised to complete at least one of the following subject-specific MINTFIT online modules: Mathematics, Computer Science, Engineering, Physics, or Chemistry.
	<p><u>Computer Science with a focus on „Media Informatics“ and „Security and Data Science“^{1 oder 2}</u></p>	For all degree programmes, applicants are advised to complete at least one of the following subject-specific MINTFIT online modules: Mathematics, Computer Science, Engineering, Physics, or Chemistry.
	<ul style="list-style-type: none"> • <u>Environmental Engineering^{1 or 2}</u> 	For all degree programmes, applicants are advised to complete at least one of the following subject-specific MINTFIT online modules: Mathematics, Computer Science, Engineering, Physics, or Chemistry.
	<ul style="list-style-type: none"> • <u>Real Estate Management Construction^{1 or 2}</u> 	For all degree programmes, applicants are advised to complete at least one of the following subject-specific MINTFIT online modules: Mathematics, Computer Science, Engineering, Physics, or Chemistry.

Remark:

The numbers next to the subject areas indicate the TestAS subject-specific modules that must be taken in the TestAS examination:

- 1 = Mathematics, Computer Science and Natural Sciences,
- 2 = Engineering,
- 3 = Economics.

Note: Please ensure that you select a module from the correct subject group. This means:

Each TestAS consists of:

1. a core test: this is the same for all participants
2. a subject-specific test: here you choose between
 - 1 = Mathematics, Computer Science and Natural Sciences, or
 - 2 = Engineering Sciences, or
 - 3 = Economics



3. You can prepare for the TestAS subject test (1) by participating in the following STEM subject modules of Studienbrücke + TestAS format training:
 - All subject modules offered except Engineering and Economics



You can prepare for the TestAS subject module (2) by participating in the following STEM subject modules of Studienbrücke + TestAS format training:

- Engineering / Technical Sciences

You can prepare for the TestAS subject module (3) by participating in the following STEM subject modules of Studienbrücke + TestAS format training:

- Economics

This means: as long as you take a module that belongs to the correct subject group, it is not important whether you choose, for example, Chemistry or Biology. Simply try to choose the module that is as closely aligned with your intended field of study as possible.

If you have any questions, please contact your local coordinators or the central programme support team: studienbruecke@goethe.de