

KIT-Faculty for Electrical- and Information Engineering

Electrical Engineering and Information Technologies	Master
Start of semester	Winter-summerterm
Deadline	15. July (winterterm) / 15. January (summerterm)
Language(s)	German, English
Admission restriction	Yes
Please note:	Only the study models 12: Photonics, 17: Information and Communication, 24: Electrical Power Systems and 26: Applied Superconductors Engineering are completely available to study in English.
Requirements	<ul style="list-style-type: none"> - Applicants from non-European countries must submit a successful test result (at least 51% correct solution in both parts of the test) of the Digital Master's Test in Electrical Engineering (dMAT; http://www.d-mat.de/) of the Gesellschaft für Akademische Studienvorbereitung und Testentwicklung e. V. (g.a.s.t.). - Further information available here: https://www.etit.kit.edu/english/3111.php
Language requirements	For study models 12, 17, 24 and 26: English: TOEFL (90 internet-based)/IELTS (6.5 and no section beneath 5.5)/CAE (A,B,C)/CPE (A,B,C) ¹ For all other study models: German DSH 2/TestDaF 4444 ²
Required documents ³	<ul style="list-style-type: none"> - Application form (Print-out Online-Application) - University graduation certificate + official translation (In case not completed enclose certificate of enrollment) - Transcript of Records/Diploma Supplement + official translation (Including information about content and amount of the courses, e.g. credits or hours per week) - Module manual/detailed description of the courses mentioned in the program specific requirements - Proof of language skills - Curriculum Vitae - Official APS-certificate for applicants from China, Vietnam and Mongolia <p><i>If available:</i></p> <ul style="list-style-type: none"> - Statement of your final grade - Further information about grading system with highest and passing grade - References
Further documents (if available)	<ul style="list-style-type: none"> - Certificates of further academic and professional achievements (e.g. professional training, awards, publications, research and development activities or scholarships) - Please enclose a written statement in case of former participation in the application process - Letter of motivation

¹ People in the following categories do not need to prove their knowledge of English: native speaker, studies taught entirely in English, studies completed in Anglophone country.

² The proof of B1-level is sufficient for the application. DSH 2-level is required at the latest until enrollment.

³ All certificates must be submitted as copies. For the enrollment, you will need to present the originals.

KIT-Faculty for Civil Engineering, Geo- and Environmental Sciences

Geodesy and Geoinformatics	
Master	
Start of semester	Winter- summerterm
Deadline	30. September 31. March
Language(s)	German, English
Admission restriction	No
Requirements	<ul style="list-style-type: none"> - Undergraduate studies in the field of geodesy and geoinformatics or related subject area - Mathematics and/or physics 25 CP/ECTS Two out of three: <ul style="list-style-type: none"> - Geoinformatics (Informatics, GIS systems, data processing) 20 CP/ECTS - Geodesy (Basics, applied geodesy, higher geodesy, data analysis) 30 CP/ECTS - Remote sensing and image processing 10 CP/ECTS
Language requirements	<ul style="list-style-type: none"> - DSH 2/TestDaF 4444 or - TOEFL (570 paper-based, 230 computer-based, 88 internet-based)/IELTS (6.5 and no section beneath 5.5)/CAE (A,B,C)/CPE (A,B,C)⁴ and German B1⁵
Required documents⁶	<ul style="list-style-type: none"> - Application form (Print-out Online-Application) - University graduation certificate + official translation (In case not completed enclose certificate of enrollment) - Transcript of Records/Diploma Supplement + official translation (Including information about content and amount of the courses, e.g. credits or hours per week) - Proof of language skills - Curriculum Vitae - Official APS-certificate for applicants from China, Vietnam and Mongolia If available: <ul style="list-style-type: none"> - Statement of your final grade - Further information about grading system with highest and passing grade - References
Further documents (if available)	- Certificates of further academic and professional achievements (e.g. professional training, awards, publications, research and development activities or scholarships)

⁴ People in the following categories do not need to prove their knowledge of English: native speaker, studies taught entirely in English, studies completed in Anglophone country.

⁵ The proof of German language B1 is required until the second semester.

⁶ All certificates must be submitted as copies. For the enrollment, you will need to present the originals.

KIT Faculty for Physics

Geophysics	Master
Start of semester	Winterterm
Deadline	30. September
Language	English
Admission restriction	No
Requirements	<ul style="list-style-type: none"> - Bachelor degree in one of the following subjects: Geophysics, Physics, Mathematics, Geosciences, Mineralogy, Geology, Engineering Sciences, or related subjects. - Profound knowledge of Geophysics, Mathematics and Physics (usually a minimum 20 credits each during the Bachelor studies). <p>Missing credits in Geophysics can individually caught up for during the 1st year. For immediate success students without background in Geophysics can take part in an interactive convergence course covering the most important topics from Seismology and Seismics</p>
Language requirements	<p>English Level B2 after the common European Reference Framework⁷ for languages which can be proven by</p> <ul style="list-style-type: none"> - Cambridge Certificate: FCE, CAE, or CPE - IELTS: 6.0 overall, with no less than 5.0 in any component - TOEFL: overall 72, minimum reading (18), listening (17), speaking (20), writing (17) - TOIEC: minimum listening (400), reading (385) - German Abitur: minimum 5 years of English until the final year with an average grade of at least 4 or mark of 5 points within the last two years or in the final exam.
Required documents ⁸	<ul style="list-style-type: none"> - Application form (Print-out Online-Application) - University graduation certificate + official translation (In case not completed enclose certificate of enrollment) - Transcript of Records/Diploma Supplement + official translation (Including information about content and amount of the courses, e.g. credits or hours per week) - Proof of language skills - Curriculum Vitae - Official APS-certificate for applicants from China, Vietnam and Mongolia <p>If available:</p> <ul style="list-style-type: none"> - Statement of your final grade - Further information about grading system with highest and passing grade - References
Further documents (if available)	<ul style="list-style-type: none"> - Certificates of further academic and professional achievements (e.g. professional training, awards, publications, research and development activities or scholarships) - Please enclose a written statement in case of former participation in the application process

⁷ On request the following proofs can also be accepted: Bachelor degree of a university program taught in English; University entrance qualification received in an English program; Bachelor thesis written in English

⁸ All certificates must be submitted as copies. For the enrollment, you will need to present the originals.

KIT-Faculty for Mathematics

Mathematics	Master
Start of semester	Winter- summerterm
Deadline	15. July 15. January
Language(s)	German, English
Admission restriction	No
Requirements	- Undergraduate studies in the field of mathematics or related subject area
Language requirements	- German DSH 2/TestDaF 4444 ⁹ or - English: TOEFL (90 internet-based)/IELTS (6.5 and no section beneath 5.5)/CAE (A,B,C)/CPE (A,B,C) ¹⁰
Required documents ¹¹	- Application form (Print-out Online-Application) - University graduation certificate + official translation (In case not completed enclose certificate of enrollment) - Transcript of Records/Diploma Supplement + official translation (Including information about content and amount of the courses, e.g. credits or hours per week) - Proof of language skills - Curriculum Vitae - Official APS-certificate for applicants from China, Vietnam and Mongolia If available: - Statement of your final grade - Further information about grading system with highest and passing grade - References
Further documents (if available)	- Certificates of further academic and professional achievements (e.g. professional training, awards, publications, research and development activities or scholarships) - Please enclose a written statement in case of former participation in the application process

⁹ The proof of B1-level is sufficient for the application. DSH 2-level is required at the latest until enrollment.

¹⁰ People in the following categories do not need to prove their knowledge of English: native speaker, studies taught entirely in English, studies completed in Anglophone country.

¹¹ All certificates must be submitted as copies. For the enrollment, you will need to present the originals.

KIT-Faculty for Mechanical Engineering

Mechanical Engineering	Master
Start of semester	Winter- and summerterm
Deadline	30. September 31. March
Language(s)	English or German
Admission restriction	No
Requirements	<ul style="list-style-type: none"> - Undergraduate studies in the field of mechanical engineering or major with comparable content - required minimum knowledge through the undergraduate studies: 1. Advanced mathematics, 2. Technical thermodynamics and heat transfer, 3. Technical Mechanics, 4. Mechanical design, 5. Material science, 6. Fluid mechanics, 7. Measurement and control systems, 8. Electrical engineering, 9. Computer Science - if the minimum requirements cannot be proven: written entrance exam at KIT¹² - 18 weeks internship: The internship of 18 weeks is to be proven until the end of the third semester, according to the admission regulations for the Master studies Mechanical Engineering at KIT.
Language requirements	<ul style="list-style-type: none"> - English: B2 / TOEFL (550 paper-based, 88 internet-based) / IELTS (at least 6.5, no section lower than 5.5)¹³ or - German: DSH 2 / TestDaF 4444
Required documents ¹⁴	<ul style="list-style-type: none"> - Application form (Print-out Online-Application) - University graduation certificate + official translation - Transcript of Records/Diploma Supplement + official translation (Including information about content and amount of the courses, e.g. credits or hours per week) - if you have not finished your undergraduate studies: enrollment certificate + current transcript of records + overview of exams that will be taken - Proof of language skills - Curriculum Vitae - Official APS-certificate for applicants from China, Vietnam and Mongolia <p>If available:</p> <ul style="list-style-type: none"> - Statement of your final grade - Further information about grading system with highest and passing grade
Further documents (if available)	<ul style="list-style-type: none"> - proof of right to sit exam for applicants with German Bachelor - proof of internship

¹² The selection committee will contact, after checking the application documents, those applicants who need to sit the entrance exam.

¹³ People in the following categories do not need to prove their knowledge of English: studies taught entirely in English, studies completed in Anglophone country.

¹⁴ All certificates must be submitted as copies. For the enrollment, you will need to present the originals.

KIT Faculty for Physics

Meteorology and Climate Physics	Master
Start of semester	Winter- and summerterm
Deadline	30. September (winter) 31. March (summer)
Language	English
Admission restriction	No
Requirements	<ul style="list-style-type: none"> - Bachelor degree in one of the following subjects: Meteorology, Physics, Mathematics, Geosciences, Oceanography, or related subjects. - Profound knowledge of Meteorology (30 ECTS), Physics (30 ECTS) and Mathematics (12 ECTS). Missing credits (up to 30) can individually caught up for during the 1st year.
Language requirements	English Level B2 after the common European Reference Framework ¹⁵ for languages which can be proven by <ul style="list-style-type: none"> - Cambridge Certificate: FCE, CAE, or CPE - IELTS: 6.0 overall, with no less than 5.0 in any component - TOEFL: 72 overall, minimum reading (18), listening (17), speaking (20), writing (17) - TOIEC: minimum listening (400), reading (385) - German Abitur: minimum 5 years of English until the final year with an average grade of 4 or mark of 5 points within the last two years or in the final exam.
Required documents ¹⁶	<ul style="list-style-type: none"> - Application form (Print-out Online-Application) - University graduation certificate + official translation (In case not completed enclose certificate of enrollment) - Transcript of Records/Diploma Supplement + official translation (Including information about content and amount of the courses, e.g. credits or hours per week) - Proof of language skills - Curriculum Vitae - Official APS-certificate for applicants from China, Vietnam and Mongolia If available: <ul style="list-style-type: none"> - Statement of your final grade - Further information about grading system with highest and passing grade - References
Further documents (if available)	<ul style="list-style-type: none"> - Certificates of further academic and professional achievements (e.g. professional training, awards, publications, research and development activities or scholarships) - Please enclose a written statement in case of former participation in the application process

¹⁵ On request the following proofs can also be accepted: Bachelor degree of a university program taught in English; University entrance qualification received in an English program; Bachelor thesis written in English, Bachelor degree in Meteorology at KIT

¹⁶ All certificates must be submitted as copies. For the enrollment, you will need to present the originals.

Karlsruhe School of Optics and Photonics

Optics and Photonics	Master
Start of semester	Winterterm
Deadline	30. April
Language	English
Admission restriction	Yes
Requirements	<ul style="list-style-type: none"> - Undergraduate studies in the field of optics & photonics or physics, chemistry, electrical engineering, mechanical engineering, biology, mathematics or informatics - Mathematics 12 CP/ECTS - Physics 12 CP/ECTS
Language requirements	- English: TOEFL (570 paper-based, 250 computer-based, 88 internet-based)/IELTS (at least 6.5) or equivalent proof ¹⁷
Required documents ¹⁸	<ul style="list-style-type: none"> - Application form (Print-out Online-Application) - University graduation certificate + official translation (In case not completed enclose certificate of enrollment) - Transcript of Records/Diploma Supplement + official translation (Including information about content and amount of the courses, e.g. credits or hours per week) - Proof of language skills - Curriculum Vitae - Official APS-certificate for applicants from China, Vietnam and Mongolia <p>If available:</p> <ul style="list-style-type: none"> - Statement of your final grade - Further information about grading system with highest and passing grade
Further documents (if available)	<ul style="list-style-type: none"> - Certificates of further academic and professional achievements (e.g. professional training, awards, publications, research and development activities or scholarships) - Letter of motivation - Two references - Please enclose a written statement in case of former participation in the application process

¹⁷ People in the following categories do not need to prove their knowledge of English: native speaker, studies taught entirely in English, studies completed in Anglophone country.

¹⁸ All certificates must be submitted as copies. For the enrollment, you will need to present the originals.

KIT-Faculty for Civil Engineering, Geo- and Environmental Sciences

Remote Sensing and Geoinformatics		Master	
Start of semester	Winter- summerterm		
Deadline	15. June (winter) 15. December (summer)		
Language	English		
Admission restriction	No		
Requirements	<ul style="list-style-type: none"> - Undergraduate studies in the fields of physical-natural sciences, engineering-information technology and especially geodesy or geoinformatics-affine or geoscientific fields - Mathematics, statistics, physics and/or mechanics 25 CP/ECTS - (geo) computer sciences, image processing, remote sensing, photogrammetry, geosciences, geodesy and / or cartography 30 CP/ECTS 		
Language requirements	- TOEFL (90 internet-based) / IELTS (6.5, no section below 5.5) / CAE (A,B,C) / CPE (A,B,C) / UNICert II ¹⁹		
Required documents²⁰	<ul style="list-style-type: none"> - Application form (Print-out Online-Application) - University graduation certificate + official translation (In case not completed enclose certificate of enrollment) - Transcript of Records/Diploma Supplement + official translation (Including information about content and amount of the courses, e.g. credits or hours per week) - Proof of language skills - Curriculum Vitae - Official APS-certificate for applicants from China, Vietnam and Mongolia <p>If available:</p> <ul style="list-style-type: none"> - Statement of your final grade - Further information about grading system with highest and passing grade - References 		
Further documents (if available)	- Certificates of further academic and professional achievements (e.g. professional training, awards, publications, research and development activities or scholarships)		

¹⁹ People in the following categories do not need to prove their knowledge of English: School or Bachelor certificate from an institution located in USA, Canada, UK, Ireland, Australia, New Zealand OR Bachelor from a university in the EU and Suisse entirely taught in English (as mentioned on the Diploma Supplement, Transcript of Records or Degree Certificate).

²⁰ All certificates must be submitted as copies. For the enrollment, you will need to present the originals.

KIT-Faculty for Civil Engineering, Geo- and Environmental Sciences

Water Science and Engineering Master	
Start of semester	Winterterm
Deadline	15. June (Winter) 30. November (Summer)
Language	English
Admission restriction	Yes
Requirements	<ul style="list-style-type: none"> - Undergraduate studies in the field of mechanical-, civil-, environmental-, chemical- or biological-engineering or in the field of geoecology, environmental- or geosciences - Higher mathematics 12 CP/ECTS Two out of three: <ul style="list-style-type: none"> - Physics and/or engineering fundamentals such as physics, chemistry, biology, mechanics or thermodynamics 12 CP/ECTS - engineering and/or natural sciences such as water management, hydraulic engineering, hydrology, urban water management, hydromechanics, water treatment, hydrogeology, engineering geology, geophysics, physical geography, soil science, environmental systems sciences, climatology and/or hydrometeorology 12 CP/ECTS - Interview
Language requirements	- TOEFL (90 internet-based) / IELTS (6.5 overall, no section below 5.5) / CAE or CPE / UniCert II ²¹
Required documents ²²	<ul style="list-style-type: none"> - Application form (Print-out Online-Application) - University graduation certificate + official translation (In case not completed enclose certificate of enrollment) - Transcript of Records/Diploma Supplement + official translation (Including information about content and amount of the courses, e.g. credits or hours per week) - Proof of language skills - Curriculum Vitae - Official APS-certificate for applicants from China, Vietnam and Mongolia - Overview on Academic Accomplishments: www.wasser.kit.edu/downloads/Form_entry_requirements.pdf If available: <ul style="list-style-type: none"> - Statement of your final grade - Further information about grading system with highest and passing grade
Further documents (if available)	<ul style="list-style-type: none"> - Certificates of further academic and professional achievements (e.g. professional training, awards, publications, research and development activities or scholarships) - Please enclose a written statement in case of former participation in the application process

²¹ People in the following categories do not need to prove their knowledge of English: School or Bachelor certificate from an institution located in USA, Canada, UK, Ireland, Australia, New Zealand OR Bachelor from a university in the EU and Suisse entirely taught in English (as mentioned on the Diploma Supplement, Transcript of Records or Degree Certificate).

²² All certificates must be submitted as copies. For the enrollment, you will need to present the originals.