



3+2 program

Students can apply during the 3rd year of 4-year bachelor studies

Applications **should follow the mapping** agreed between bachelor majors and KTH master programs (see lists below)

Language requirements may be slightly lowered after a successful interview by KTH in December 2019 but a TOEFL or IELTS test is still needed

Applications are made at universityadmissions.se, deadline January 15, 2020, **application fee should be paid before the interview**

3+2 applications for admission 2020

Include a table of this type in your application, including what courses you will take during the 6th semester, example for KTH master program in Engineering Physics:

KTH master program prerequisites, see "Entry requirements"	Corresponding bachelor level courses at your home university
Physics (including classical mechanics, thermodynamics, electromagnetism, waves, geometrical optics and quantum mechanics) equivalent to at least 45 ECTS	List courses and briefly describe contents
Mathematics (including differential and integral calculus, linear algebra, differential equations and transforms, and statistics) equivalent to at least 35 ECTS	List courses and briefly describe contents

60 ECTS credits is one full academic year of studies. At bachelor level, the credits from a Chinese university can usually be multiplied by 1,5 to get the corresponding number of ECTS credits, i.e. 1 credit at a Chinese university corresponds to approximately 1,5 ECTS credits

ECTS= European Credit Transfer System

3+2 applications for admission 2020

The mapping in the following tables has been developed for students from HIT Harbin campus

Students from HIT Shenzhen campus can follow the same mapping but are advised to be very careful when filling out the table with master program entry requirements and courses during semesters 1 to 6 in their bachelor majors since there may be small differences between Harbin and Shenzhen for the same major

Applications outside of the mapping may be considered but have a low likelihood of acceptance



HIT – KTH 3+2 mapping

Possible transitions (Harbin campus)

HIT Applied Chemistry HIT Applied Physics	KTH Macromolecular Materials KTH Nuclear Energy Engineering KTH Engineering Physics
HIT Bridge Engineering	KTH Civil and Architectural Engineering
HIT Communication Engineering	KTH Information and Network Engineering KTH Communication Systems
HIT Computer Science and Technology	KTH Transport and Geoinformation Technology KTH Communication Systems KTH Computer Science KTH Interactive Media Technology KTH Machine Learning KTH Media Management
HIT Electrical Engineering and Automation	KTH Electromagnetics, Fusion and Space Engineering KTH Electric Power Engineering (Maximum of 5 students) KTH Systems, Control and Robotics (Maximum of 3 students) KTH Embedded Systems (For eligibility to track Embedded Control students must have a course in mechanics including statics, the dynamics of particles, as well as basic principles) KTH Nuclear Energy Engineering



HIT – KTH 3+2 mapping

Possible transitions (Harbin campus)

HIT Environmental Engineering	KTH Environmental Engineering and Sustainable Infrastructure KTH Sustainable Technology
HIT Information and Computation Science	KTH Applied and Computational Mathematics
HIT Materials Chemistry	KTH Macromolecular Materials
HIT Materials Forming and Control Engineering	KTH Engineering Materials Science (Students only eligible to track: Materials Design)
HIT Materials Physics	KTH Nanotechnology KTH Engineering Materials Science (Students only eligible to track: Materials Design)
HIT Materials Science and Engineering	KTH Macromolecular Materials KTH Nanotechnology KTH Engineering Materials Science (Students only eligible to track: Industrial materials)
HIT Mathematics and Applied Mathematics	KTH Applied and Computational Mathematics



HIT – KTH 3+2 mapping

Possible transitions (Harbin campus)

HIT Mechanical Engineering and Automation	KTH Sustainable Technology KTH Sustainable Energy Engineering (Students must have completed course in Applied Thermodynamics or equivalent) KTH Production Engineering and Management KTH Engineering Design KTH Integrated Product Design (students only eligible to track: Innovation Management and Product Development-IPDE) KTH Engineering Materials Science (Students only eligible to track: Materials Design) KTH Vehicle Engineering KTH Naval Architecture KTH Nuclear Energy Engineering
HIT Nuclear Chemical and Nuclear Fuel Engineering	KTH Macromolecular Materials KTH Nuclear Energy Engineering
HIT Nuclear Physics	KTH Nuclear Energy Engineering KTH Engineering Physics
HIT Optoelectronic Information Science	KTH Engineering Physics
HIT Road Engineering	KTH Civil and Architectural Engineering

HIT – KTH 3+2 mapping

Possible transitions (Harbin campus)

HIT Road Materials and Engineering	KTH Civil and Architectural Engineering
HIT Traffic Engineering	KTH Transport and Geoinformation Technology
HIT Transport Equipment and Control Engineering	KTH Transport and Geoinformation Technology
HIT Welding Science and Technology	KTH Engineering Materials Science (Students only eligible to track: Industrial materials)