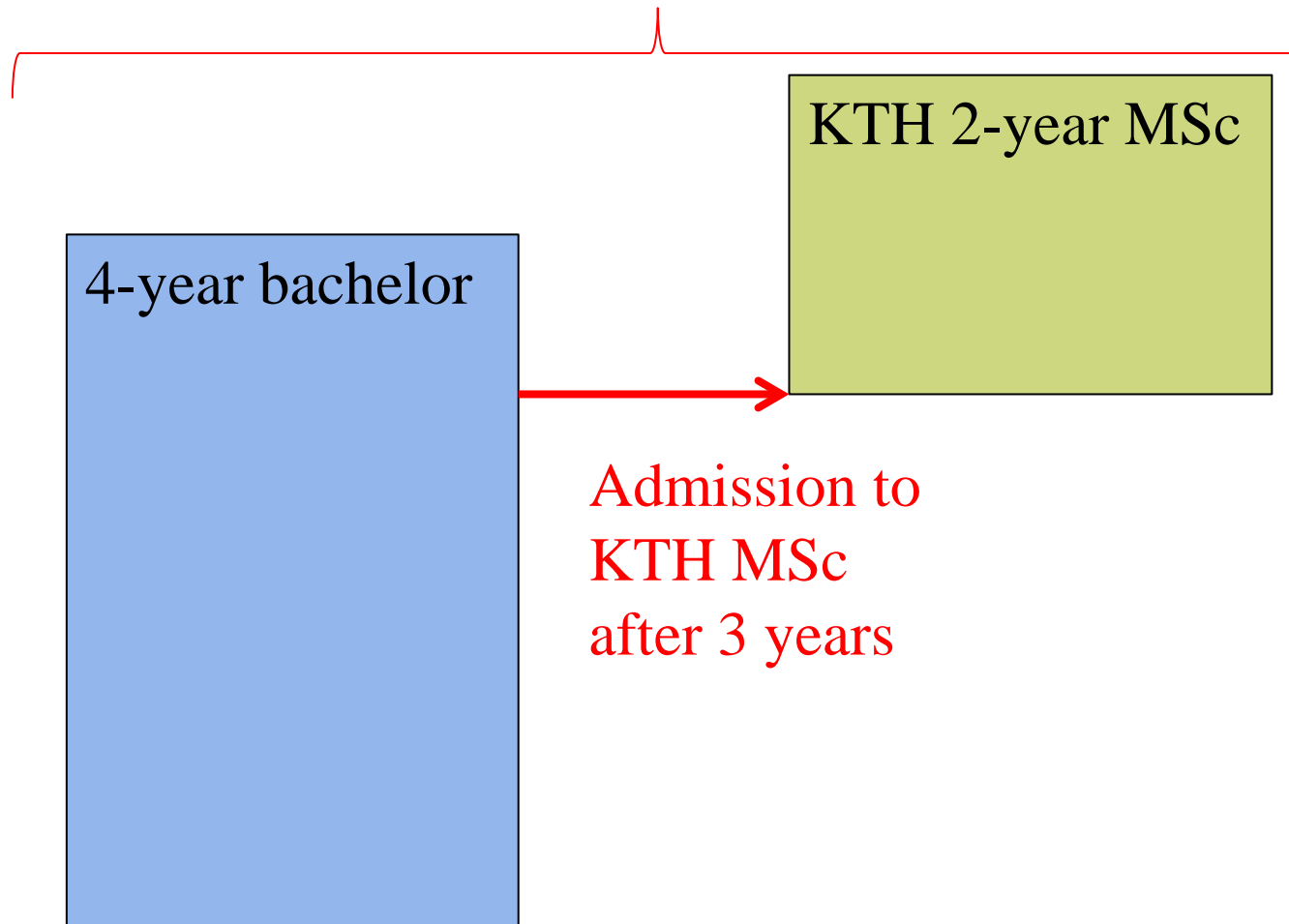


# 3 + 2 program

KTH MSc in 5 years from start of bachelor studies





## 3+2 program

**Students can apply during the 3<sup>rd</sup> year** of their BSc studies

Applications **must 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 2018

Applications are made at [universityadmissions.se](http://universityadmissions.se), deadline January 15, 2019, **application fee should be paid before the interview**



# ZJU – KTH 3+2 mapping

## Possible transitions

ZJU School of Biomedical Engineering and Instrument Science, major: Biomedical Engineering	KTH Medical Engineering
ZJU College of Biosystems Eng. & Food Science, major: Bioengineering	KTH Sustainable Technology KTH Industrial and Environmental Biotechnology KTH Medical Biotechnology
ZJU College of Chemical and Biological Engineering, major: Chemical Engineering and Technology	KTH Sustainable Technology KTH Chemical Engineering for Energy and Environment KTH Macromolecular Materials KTH Molecular Science and Engineering KTH Nanotechnology
ZJU College of Chemical and Biological Engineering, major: Pharmaceutical Engineering	KTH Sustainable Technology
ZJU College of Civil Engineering & Architecture, major: Civil Engineering	KTH Civil and Architectural Engineering KTH Real Estate and Construction Management (Students must have completed Engineering Economics, 2 credits; Engineering Project Management, 2 credits; Real Estate Economics and Evaluation, 2 credits; Civil Engineering Construction 3 credits or equivalent) KTH Environmental Engineering and Sustainable Infrastructure KTH Sustainable Technology KTH Transport and Geoinformation Technology <b>New in 2018: KTH Engineering Mechanics</b>



# ZJU – KTH 3+2 mapping

## Possible transitions

ZJU College of Computer Science & Technology, major: Computer Science and Technology	KTH Transport and Geoinformation Technology KTH Communication Systems KTH Computer Science KTH Interactive Media Technology
ZJU College of Control Science and Engineering, major: Automation	KTH Electric Power Engineering (Maximum of 5 students ) KTH Engineering Design (students only eligible for track Mechatronics)
ZJU College of Control Science and Engineering, major: Automation	KTH Systems, Control and Robotics (Maximum of 3 students) KTH Information and Network Engineering (students must have completed 68190130 Signals & Systems, 11191240 Digital Signal Processing and 211G0250 Fundamentals of Programming)
ZJU College of Electrical Engineering, major: Automation	KTH Electromagnetics, Fusion and Space Engineering (Eligibility depending on student's course selection, see prerequisites of the master program at <a href="http://www.kth.se">www.kth.se</a> ) KTH Electric Power Engineering (Maximum of 5 students)
ZJU College of Electrical Engineering, major: Electronic Information Engineering	KTH Nanotechnology TINNM Information and Network Engineering (students must have completed 211G0250 Fundamentals of Programming)
ZJU College of Energy Engineering, major: Energy and Environmental System Engineering	KTH Sustainable Technology KTH Electromagnetics, Fusion and Space Engineering (Eligibility depending on student's course selection) KTH Sustainable Energy Engineering



# ZJU – KTH 3+2 mapping

## Possible transitions

<p>ZJU College of Energy Engineering, major: Mechanical Design, Manufacturing and Automation</p>	<p>KTH Sustainable Energy Engineering          KTH Production Engineering and Management          KTH Engineering Design          KTH Integrated Product Design          KTH Vehicle Engineering          KTH Engineering Mechanics (Students only eligible for track Fluid Mechanics. Total maximum of 4 students)</p>
<p>ZJU College of Energy Engineering, major: Renewable Energy Science and Engineering</p>	<p>KTH Sustainable Technology          KTH Electromagnetics, Fusion and Space Engineering (Eligibility depending on student's course selection)          KTH Sustainable Energy Engineering</p>
<p>ZJU College of Energy Engineering, major Vehicle Engineering</p>	<p>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 Mechanics (Total maximum of 4 students)</p>
<p>ZJU College of Information Science and Electronic Engineering, major: Electronic Science and Technology</p>	<p>KTH Communication Systems          KTH Electric Power Engineering (Maximum of 3 students)          KTH Information and Network Engineering          KTH Engineering Mechanics</p>



# ZJU – KTH 3+2 mapping

## Possible transitions

ZJU College of Information Science and Electronic Engineering, major: Information Engineering	KTH Information and Network Engineering KTH Communication Systems
ZJU College of Information Science and Electronic Engineering, major: Microelectronic Science and Engineering	KTH Embedded Systems/Inbyggda system (Students only eligible to tracks Embedded Platform/Embedded Electronics & SoC Design) KTH Nanotechnology
ZJU School of Material Science and Engineering, major: Material Science and Engineering	KTH Nanotechnology KTH Engineering Materials Science
ZJU College of Mechanical Engineering, major: Industrial Engineering	KTH Engineering Design KTH Production Engineering and Management
ZJU College of Mechanical Engineering, major: Mechatronics Engineering	KTH Engineering Design (Students only eligible for track Mechatronics) KTH Integrated Product Design KTH Production Engineering and Management
ZJU Ocean College, major: Marine Science	KTH Sustainable Technology
ZJU Ocean College, major: Ocean Engineering and Technology	KTH Sustainable Technology



# ZJU – KTH 3+2 mapping

## Possible transitions

ZJU College of Optical Science and Engineering, major: Opto-Electronics Information Science and Engineering	KTH Engineering Physics (Students eligible if the elective courses 66120011 Electromagnetic Field & Waves and 84190030 Quantum Optics: Fundamentals and Applications have been taken at ZJU) KTH Nanotechnology
ZJU Department of Polymer Science and Engineering, major: Macromolecular Materials and Engineering	KTH Sustainable Technology KTH Macromolecular Materials KTH Nanotechnology