



**FAST TRACK BACHELOR ADMISSION FOR EXCELLENT
INDONESIAN STUDENTS**

TO:



SPECIAL PROGRAMS OFFERED BY:

UNIVERSITY OF DUISBURG-ESSEN, GERMANY

Organized by:



Open-Minded



Engineering Education

Educational Offers in Higher Education in Germany

About University of Duisburg-Essen

University of Duisburg-Essen (UDE) was created in 2003 through the merger of the universities in Duisburg, and Essen which had been established in 1972. UDE is the youngest university in North Rhine-Westphalia and is among the ten largest universities in Germany. Students from more than 130 nations have come to pursue their study at UDE, from A for Argentina to Z for Zaire. There are many good reasons to opt for UDE, most important to mention are the various fields of studies, the care for students, especially from overseas and in mobility programs, but also its research strength and international orientation.

Details: <http://www.uni-due.de/en>

Faculty of Engineering at UDE

The Faculty of Engineering is the largest faculty in the University of Duisburg-Essen with more than 8,000 students. It consists of the following departments:

- Civil Engineering
- Computer Science and Cognitive Science
- Electrical Engineering and Information Technology
- Mechanical and Process Engineering, including
 - Material Technology and
 - Industrial Engineering.

Details: <http://www.uni-due.de/iw/en>

UKM Mercator Office & Multimedia Laboratory

Officiated by His Excellency Mr. Juergen Staks, Ambassador, Embassy of The Federal Republic of Germany on 5th November 2002, the opening of this liaison office and multimedia laboratory officially marked the start of an international collaboration between Universiti Kebangsaan Malaysia (UKM) and University of Duisburg-Essen (UDE, formerly known as Gerhard Mercator Universitat Duisburg), and was funded by Stiftung Mercator GmbH Essen.

UI Mercator Office & Multimedia Laboratory

Since 2003, the Faculty of Engineering at the University of Duisburg-Essen (UDE) runs a branch office at the Faculty of Engineering, Universitas Indonesia (FTUI). The opening of this office and laboratory officially marked the start of an international collaboration between Universitas Indonesia, Stiftung Mercator GmbH Essen & University of Duisburg-Essen (UDE). The background of this establishment is to set-up a German-Asian network as a basis for common research and joint double-degree programs.

Mission:

- To pave a gateway to Malaysia & Indonesia for German students and lecturers, as well as to Germany for Malaysian & Indonesian students and lecturers,
- To promote a long term partnership with UKM & UI in cultural understanding,
- To offer insights into German higher engineering education structures.

Details: <http://mercator.eng.ukm.my>

International Studies in Engineering at UDE

The Faculty of Engineering has set up the degree program "**International Studies in Engineering**" (**ISE**) which offers a full range of internationally oriented Bachelor's/Master's degree courses. In the framework of this program, the faculty offers various engineering programs for bachelor degree and master degree studies. Part of the degree courses in ISE is offered as Double Degree Program (DD) together with UKM as well as with UI. On top, there is the bi-national PhD/Dr.-Ing.-Program **PromISE**, offering a PhD by research in cooperation between UDE and UKM.

ISE consists of 7 different Bachelor degree courses, as follow:

- Automation and Control Engineering
- Civil Engineering (starting Oct. 2014)
- Computer Engineering
- Computer Science and Communication Engineering
- Electrical and Electronic Engineering
- Mechanical Engineering
- Metallurgy and Metal Forming

The first year of studies in the Bachelor program is identical for all degree courses. During the first year, the language of instruction for all Bachelor degree courses is 100% English. The overall distribution of language of instruction during the 3 years of the program is 50% in English and 50% in German, with a minimum level of A2 as German language requirement at registration.

The basic principles of engineering and science will be taught on a broad basis. In addition, the students will study in a multicultural environment and will be integrated into research and team work projects to complement advanced courses in a variety of areas.

The ISE program corresponds to global market conditions and was designed to match the job requirements for graduates. It particularly offers subjects of specific international relevance. Apart from the technical qualification, the linguistic and cultural aspects offer special advantages for graduates in the global job market and qualify them for responsible positions in international companies.

Details on ISE: <http://www.uni-due.de/ise/>

Educational Offers in Higher Education in Engineering

Fast Track Bachelor Admission to ISE-UDE

In January 2013 the Ministry of Higher Education of North Rhine-Westphalia (NRW) has issued a modified university law, allowing (in its paragraph 49) specific high school leavers to commence studies in NRW **without** following a prior *Studienkolleg* or *freshman program* (or similar). Referring to the long cooperation between UDE and Indonesia that had begun in 2003, UDE has chosen Indonesia as one of the countries for this new project, and to allow excellent Indonesian students to pursue their Bachelor Degree directly after finishing high school (SMA). In this project, UDE is permitted to select the candidates and conduct some preparation courses directly in Indonesia. There will be many beneficial aspects that students can get from this special program: One of them is saving study time, and greatly reduce expenses for preparation and study costs. After passing the entry exam, students will be guaranteed places in one of following ISE programs:

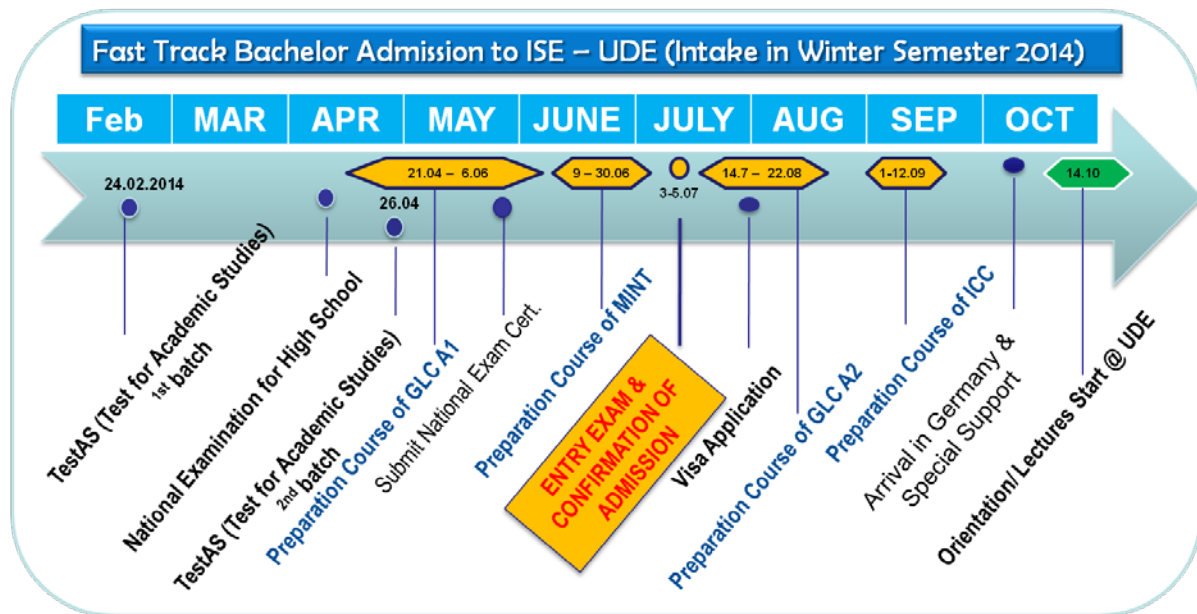
- Automation and Control Engineering
- Civil Engineering
- Computer Engineering
- Computer Science and Communication Engineering
- Electrical and Electronic Engineering
- Mechanical Engineering
- Metallurgy and Metal Forming

Indonesian Students are eligible to joining this special **fast track** program if they meet these following requirements:

Requirements & Application for direct path to Bachelor Studies in ISE at UDE

- Academic report from grades 10 – 12, showing consistently excellent marks per semester, especially for Natural Science subjects
- *TestAS* (test for academic studies) result, information & registration via: <http://www.testas.de>
- English Certificate of TOEFL: 61 (IBT) / 550 (paper based), 173 (computer based) or equivalent
- CV and motivation letter for the chosen degree program
- National Final Exam (UAN) certificate **with a score of at least 9.0 in math or physics**
- Copy of passport

Time Line for Indonesian Students for the direct path to Bachelor Studies in ISE



This time line allows prospective students to attend several preparation courses consisting of **German Language courses** until **level A2** for students who do not have a German language proficiency certificate at that level yet.

Additionally, a preparatory course of **MINT (STEM)** before the entry exam, as well as the **Intercultural Communication Course** to prepare students for survival, living and studying in Germany are on offer. The complete time line has been designed in accordance to the graduation time of Indonesian High School (SMA).

Definition and Explanations:

1. TestAS

Test for Academic Studies (TestAS) is the compulsory aptitude test for any international student who wants to follow a study program in Germany. TestAS tests skills that will be very important for the success of students. For example: logical thinking, recognizing structures or solving problems. Universities both in Germany and abroad use the results of TestAS to select students for their study programs. Please find more information and the times when this test is offered online, under <http://www.testas.de>

2. German Language Course (GLC)

The minimal German language requirement for those, who do not have the A2 certification yet for a Bachelor degree course within ISE (International Studies in Engineering) at University of Duisburg-Essen (UDE) is level A2. Therefore Mercator Office offers a special program of intensive German language courses: Levels A1 together with A2 consist of a total of 300 teaching hours and closes with the necessary examinations. This German language course is designed as a blended course, combining language training with basic technical language to prepare candidates for the engineering program. This method offers a good knowledge of basic intermediate German for communication, as well as the most relevant simple German terms in Engineering.

3. MINT Course

Mercator Office offers a special program of intensive **MINT** courses to prepare SMA (Indonesian High School) graduates to deepen the necessary level of engineering subjects and natural sciences. MINT is abbreviated from **Mathematics, Informatics, Natural science, Technology**. This course is modularized to a high extend and consists of lectures, tutorials and homework in different disciplines with 3 weeks duration for 45 lecture and 45 tutorial units. The MINT course consists of three sections: a) mathematics, b) physics and c) combination of natural sciences and technology. By the end of the course, an examination will be conducted. The MINT course will be taught in English.

4. Entry Exam

The entry exam will be conducted for eligible students after the end of the preparation course. This entry exam will be conducted in English by a Professor from UDE.

5. Intercultural Communication Course

Not only the geographical distance between South East Asia and European countries, but also the differences of mentality, way of life, culture and religion have a huge impact on the daily life. Students need to understand the divergence in order to be able to accommodate to a new environment without culture shock, that could lead to a decreasing study performance. Therefore, a special course of 25 hours in Intercultural Communication is offered by the Mercator Office to give insights to the students about cultural differences between Asian and Western countries, and focusing on German culture. With this combination the students are well prepared for entering the German education system, and the German cultural environment.

6. Student Visa Arrangement

Once a student passes the entry exam, this student will receive the admission letter for the university, and can directly apply for a student visa. (Here it should be mentioned that a visitor visa will strictly have no chance to be converted into a student visa.) The visa application process for a student visa lasts around 6 weeks. The Mercator Office staff will help by providing more information about student visa arrangements.

7. Special Support after arrival in UDE

Finding of accommodations for students will be supported by SCIES (Support Center for International Engineering Students) already during the time of preparation in Indonesia. After arrival in Duisburg, students are introduced to everyday issues when enrolling and starting their studies. The first year of studies will be completely in English. From the registration onwards, additional German Language Courses are offered as part of the degree course, free of charge.

Cost of Preparation Course and Entry Exam

University of Duisburg-Essen (UDE), via Mercator Office, offers above preparation package to prepare selected Indonesian students for the Bachelor Studies in the frame of ISE - International Studies in Engineering at UDE for the winter semester intake in October. These preparation courses will be conducted at Mercator Office in the University of Indonesia. Most of the courses are taught by highly qualified lecturers/instructors who are selected to teach in the Mercator Office in UI. They are well experienced with teaching in both Germany & Malaysia, based on long term teaching contracts there. Below is given the list of the proposed bridging course package, and services provided:

NO	ITEM & DESCRIPTIONS	Price
1	German Language Course A1 of 180 teaching units	Rp. 5,200,000
2	MINT course of : Mathematics, Informatics, Natural Science and Technology. 90 teaching units divided into 45 teaching units of lecture and 45 teaching units of tutorial.	Rp. 6,500,000
3	German Language Course A2+ of 120 teaching units, integrated with training skills in basic technical language.	Rp. 3,900,000
4	A special course of Intercultural Communication in 25 teaching hours	Rp. 1,300,000
5	Entry Exam	€ 150,00
SERVICES		Rp. 2,000,000
<ul style="list-style-type: none"> • Support for information & consultation on the study at UDE • Support during application at UDE • Support in German Student Visa application • Support for accommodation arrangement during the Bachelor study at UDE • Pick up at the airport in Germany and escort to the accommodation • Orientation phase & special support after arrival in UDE 		
TOTAL		Rp. 18,900,000

Terms & Conditions of Preparation Course:

1. Conducted in Depok, on the campus of UI
2. Accommodation and living costs during preparation courses to be paid in addition
3. Course participants should attend at least 80% of the total number of lessons
4. Pass of language courses (A1, A2) is condition for admission to studies at UDE
5. Full payment of course fee must be made upon registration of course
6. No refund of course fees once participants have started attending lessons

COSTS DURING STUDY AT UNIVERSITY OF DUISBURG ESSEN

TRAVEL COSTS FROM INDONESIA TO GERMANY

Travel Costs				
NO	SUBJECT	COST	REMARKS	REMARKS
1	Flight from Indonesia*	€ 650	one Way Trip	€ 650
2	German Student Visa (Student is required to open a blocked account in Germany for € 8,040 when applying visa for minimally 1 year of study)	€ 60	once only	€ 60
3	Extension of German Student Visa (on the third month after arrival in Germany)	€ 60 (on the first extension) € 40 (on the next extension)		€ 60
Total Travel Cost				€ 770

**Prices vary according to individual choices*

COST DURING STUDY AT UNIVERSITY OF DUISBURG-ESSEN

COST DURING STUDIES				
NO	SUBJECT	COST	REMARKS	TOTAL COST PER 1 YEAR
1	Monthly Necessities: <ul style="list-style-type: none"> • Room Rent *= € 250 • Health Insurance = € 78 • Meal allowance * = € 200 • Phone & Internet * = € 40 	€ 568	per month	€ 6,816
2	Semester social contribution (incl. NRW public transport, sport facilities, subsidized meals in the canteen, etc.)	€ 260	per semester	€ 520
3	Tuition Fee	!Free!		
Total cost per one year of study at UDE				€ 7,336
Total cost for three years for Bachelor Degree at UDE				€ 22,008

**Prices vary according to individual choices*

We recommend budgeting around € 670 – 700 per month for standard personal expenses, including a room rent of approx € 250 plus meal allowance of € 200 per month. All relevant information is available on the web at: http://www.uni-due.de/international/en_finance.shtml

Comparing costs with a degree in UK, Australia or New Zealand – up to you!

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