

## General Application Guidelines

### Dear Applicant:

Thank you for your interest in the International Master of Science Program in Earth Oriented Space Science and Technology (ESPACE) at the Technische Universität München (TUM).

### Admission requirements:

A bachelor degree or diploma from a recognized university in engineering, natural science or a related field as well as very good previous academic performance is required for admission to the ESPACE program at the TUM.

ESPACE applicants are expected to show the ability for profound methodological scientific work. Admission requires a solid mathematical background and basic knowledge in programming.

The ESPACE program is completely taught in English. However, basic knowledge of the German language is helpful for everyday life. A range of German language courses are offered by the TUM (check [http://portal.mytum.de/studium/sprachenzentrum/sprache\\_info](http://portal.mytum.de/studium/sprachenzentrum/sprache_info) for details).

### Application requirements:

Applying to ESPACE is to be done via the TUMOnline web portal. This online application will require you to create a TUMOnline account to be able to access and update your application information and to submit your personal data (i.e. address, email, etc) as well as upload certain required documents. Some documents will be required to be sent by post. TUMOnline will indicate which documents are to be sent to the admission/enrollment office ("Immatrikulationsamt") by post. In general, you are to provide the following:

- Detailed curriculum vitae
- Statement of purpose including your reasons for undertaking graduate work in ESPACE at the TUM. Please keep it short - one page is enough!
- A short essay (500-700 words) on a scientific topic in the field of Earth oriented space science and Technology.
- **Officially certified copy\*\*** of university entrance qualification (general certificate of secondary education or high school leaving certificate or college diploma or equivalent, depending on your country's educational system, plus university entrance test, if it exists in your country), including your aggregate mark or graduate average, with explanation of grading system (maximum grade, minimum passing grade, etc.)

- **Officially certified copy\*\*** of bachelor, diploma degree or equivalent, including you aggregate mark or graduate average and your overall rank in class, with explanation of grading system (maximum grade, minimum passing grade, etc.)
  - **Officially certified copy\*\*** of complete university transcript of records (semester mark sheets), listing your subjects and grades.
  - If you are not a native English speaker:
    - Official TOEFL score report or equivalent (TUM-wide institution code: **7806**, no department code necessary). If your entire previous university education has been conducted in English, the TOEFL can be replaced by an official certificate of your university, confirming that the medium of instruction is English. The minimum TOEFL scores for admission to the ESPACE program are 80 (internet-based), 215 (computer based) and 560 (paper based). For further information see [www.toefl.org](http://www.toefl.org).
    - A valid IELTS score report will also be accepted. The minimum scores for admission to the ESPACE program is 6.0. Further information on IELTS is available at [www.ielts.org](http://www.ielts.org)
    - An examination of the Cambridge main suit of English (CAE or CPE) will also be accepted. More information can be found at [www.cambridge-efl.org](http://www.cambridge-efl.org).
    - Proof of English language ability is also possible by good results in the German *Abitur*. Minimum score is 10 points in a *Leistungs-* or *Grundkurs*.
  - Scores of the GRE General Test (recommended but not required)
  - Two letters of recommendation from faculty members who are acquainted with your work in the major area of your graduate study. If that work occurred some time ago, a recommendation from those people familiar with your professional performance is acceptable.
  - Indian applicants **must** submit their recent GATE (Graduate Aptitude Test in Engineering) results of papers in either:
    - engineering (codes XE, CS, EC, EE, IN, IT, ME, MN)
    - mathematics and natural sciences (codes GG, MA, PH)
- For further information: [www.iitkgp.ernet.in/~gate](http://www.iitkgp.ernet.in/~gate)
- Chinese applicants **must** submit a valid APS certificate from the German Embassy in Beijing:
    - Chaoyang District,
    - Dongsanhuan Beilu 8
    - Landmark Tower 2, Office 0311
    - 100004 Beijing
    - P.R. China
    - telephone: +86-10-6590 7138

fax: +86-10-6590 7140  
email: [kuaps@163bj.com](mailto:kuaps@163bj.com)

Official certification of all documents will be accepted only if performed by the German Embassy or Consulate in your home country, or by the institution that has issued the original document (secondary or intermediate school certificates authenticated by your university or vice versa cannot be accepted). In Germany authentication can also be performed by the respective citizens' registration ("Einwohnermeldeamt").

If the documents are not in English or German, officially authenticated translations have to be added. Please note that authentication too, must be performed in the English or German language.

**Application documents cannot be returned to you, so please do not submit any original documents.**

Please note that incomplete applications and applications containing documents that have not been properly certified cannot be considered.

Finally, please ONLY SUBMIT the documents that are required of you. Do not send extra/supplementary certificates that are not required. They will not help you to get admitted!

## Deadline for application:

The application deadline for non EU citizens is around mid-March of every year (for EU citizens the deadline is May 31). All required documents must be received by the date specified on our website ([www.space-tum.de](http://www.space-tum.de)).

## Submitting the application:

The application is to be done online via the TUMOnline web portal. Some application materials are required to be mailed via regular post to the TUM admission/enrollment office. These will be indicated via the TUMOnline application.

Please prepare and submit your application by yourself and do not submit your application through mediators such as educational consultants, agencies, or professors as these will not be considered. Applications or documents of application submitted by fax or e-mail cannot be accepted.

## Admission:

Admission to the ESPACE program is highly competitive. Selection for the Master of Science program ESPACE will be made by the examination board on the basis of the documents of application (Assessment of Aptitude). In addition, phone interviews with applicants might be necessary.

If your final degree certificate and final year transcripts are not yet available (i.e. you are still completing your

undergraduate education at the time of your ESPACE application), you will have to submit these documents in certified copy format as soon as they are available. A specific deadline will be given to you for this during the summer before you begin your studies.

If admitted and if all your required documents are accepted by the enrollment/admission office (Immatrikulationsamt), you will be notified that you have been enrolled via the TUMOnline system. You will already have created a TUMOnline account upon applying for the program and will receive all important documents, including official admission letter and your confirmation of enrollment, via this system.

## Financial Aspects:

The TUM is a German state university financed by taxes. It charges a tuition fee of 500 EUR per semester for all courses offered. Additionally there is an enrollment fee of about 42 EUR. The fee is relatively low since higher education at German state universities is in general financed through taxes.

**As a result, the TUM generally does not grant financial support** to its students. For further information about scholarships, please check online ([www.daad.de](http://www.daad.de)).

## Start of the program:

The lectures at the Technische Universität München usually start in **mid October**. For foreign students, the TUM International Center ([www.iz.hr.tu-muenchen.de](http://www.iz.hr.tu-muenchen.de)) offers an orientation month at the beginning of each semester (October), which helps you to settle in and prepare for the semester. The elective program contains aid with walks to the public offices (e.g. Aliens Department, Health Authority, Banks etc.) and the matriculation, cultural and social activities (e.g. city guide, hikes in the mountains, festivals etc.) as well as a two-week German language course (not for beginners!).

In addition, an orientation week specific to ESPACE is offered by the ESPACE program office. This normally takes place during the week before the TUM lecture period begins.

## Further information:

If you have any questions regarding the admission procedure for the ESPACE program, please consult the program administrator at [info@space-tum.de](mailto:info@space-tum.de).

**\*\*Please read and follow the guidelines for correct certification/authentication of documents from the DAAD website: <http://www.daad.de/en/>**