



The School of Science Internationalisation Strategy

Mathematics and natural sciences have an international orientation as regards the culture of their respective subjects. This applies to their objects of research as well as to the technical language and the worldwide dissemination of the disciplines. However, many of these activities rely on contacts between individual university lecturers and research groups, with the emphasis mostly on research and publication. For this reason, we aim at

- registering and - where appropriate - pooling already existing international activities;
- initiating and promoting new joint (interdisciplinary and School-wide) activities;
- developing cross-generational collaborations (involving students and scientists at all career levels);
- developing partnerships with certain universities and science regions abroad in such a multi-faceted way that they can justifiably be lauded as “strategic partnerships” in terms of their diversity and sustainability;
- not only increasing the number of international visiting researchers, but also supporting them and their families individually and according to their needs – both administratively and socio-culturally;
- inspiring high-ranking scientists to regard Dresden and TU Dresden as a new stage of their careers, and even as their “second home”.

It is our declared goal to increase the international visibility of the School of Science and to enhance the appeal of the Faculties at our School for international students and scientists.

Before we present the implementation plan, we would like to mention a few focal points in the internationalisation process of the School of Science that can be regarded as unique selling points in comparison with other Schools:

- The School of Science is intensely and consistently committed to presenting Dresden as an open, tolerant and cosmopolitan science location; numerous activities are dedicated to this mission. These include international workshops, thematic field trips, intercultural days and celebrations, etc. The International Office at the School of Science sets up

these activities in collaboration with committed international (junior) researchers.

- An outstanding feature of the School of Science is its work involving international alumni. The contacts to “former members” (in the broadest sense of the term) are in future to be used much more intensively as a resource for the internationalisation process. In doing so, we seek to take up the already existing and often very productive alumni activities of recent years and expand them strategically, consolidate them and, in particular, employ them as an instrument for marketing abroad and international recruiting at all career levels.
- Another important resource of our internationalisation efforts are the contacts between the five Faculties of our School and the institutions in the DRESDEN-concept alliance. To regard these as potential collaboration partners in international projects is one of the premises of this Internationalisation Strategy.

The following strategic goals are at the heart of the action areas of TUD's Internationalisation Strategy:

Strategic goals related to the individual action areas:

Action area 1: The internationalisation of teaching

We promote the international mobility of our students in order to boost their personal development and employability.

We are internationalising our teaching and degree programmes by providing English-language and internationally oriented degree programmes and courses to enable a change of perspective on a subject-related and intercultural level.

We support the academic success of international students (“degree-seeking”) in order to increase their satisfaction with their studies and to improve their integration into the labour market.

Action area 2: The internationalisation of research

We are intensifying networking with selected international partners in order to promote research collaborations and to achieve top research results. Our junior scientists already participate actively in this development during their doctoral degree phase.

Action area 3: General conditions for the internationalisation of teaching and research

We are creating general conditions in which internationalised teaching and research can evolve in the best possible way and in which all members of the School are equipped with the necessary skills to help shape this development competently. It is our goal for all members of the School to embody the idea of the “international campus” in everyday university life. We promote the international composition of the academic staff, providing university staff with linguistic and intercultural skills, and establishing a service and organisational culture geared towards internationality.

Action area 4: Improving the position of TU Dresden on the international stage

We aim to establish our School as an internationally recognised institution and to make it visible as such in order to be attractive to the “best minds” worldwide. To this end, we concentrate on selected collaborations of cross-faculty significance, pooling and intensifying the activities within these partnerships (which are co-ordinated across Schools) with the help of suitable networking formats. We support exchanges with international (Research) Alumni in Germany and include them in our networks.

We are improving our international visibility through our collaboration with DRESDEN-concept.

Accompanying the internationalisation process

We are establishing suitable control mechanisms and communication structures to actively and systematically advance the internationalisation process of our School.