

Virginia Tech → Technische Universität Darmstadt Dual BSME Degree Program Application

(please type or print)

Last Name: _____

First Name: _____

VT PID: _____ @vt.edu

Status:

- U.S. citizen / Virginia resident
- U.S. citizen / non-Virginia resident
- U.S. permanent resident / Virginia resident Citizenship: _____
- U.S. permanent resident / non-Virginia resident Citizenship: _____
- International student Visa: _____ Citizenship: _____

Attachments:

- Copy of passport showing identification page
- Virginia Tech transcript (unofficial transcript is acceptable)

Contact information:

Blacksburg address: _____

City: _____ State/Zip: _____

Tel: _____ Mobile/Cell

Tel: _____ Daytime

Tel: _____ Evening

Alternate address: _____

City: _____ State/Zip: _____

Tel: _____ Mobile/Cell

Tel: _____ Daytime

Tel: _____ Evening

Application Deadlines:

The deadline to apply for these programs is **January 15 prior to going abroad**. Hence, the standard deadline for the ATLANTIS program is January during the sophomore year; and for the dual BSME and senior year abroad programs the deadline is January during the junior year.

Submit application (paper copy) to:

Prof. Jan Helge Bøhn
114-H Randolph Hall
Mechanical Engineering (0238)
Virginia Tech
Blacksburg, VA 24060

Program Options:

There are three program options:

1. **Senior year abroad at TUD:** The students complete their VT BSME senior year at Technische Universität Darmstadt (TUD). The corresponding course credits (but not grades) are transferred from TUD to VT. The students must have German language skills prior to going to Germany (e.g., earn “B” in GER 3106 or GER 3114, and attend early-Fall German language course at TUD).
2. **VT-TUD Dual BSME degree:** The students complete all the requirements of the *Senior year abroad at TUD* program, and they restrict their electives while at TUD such that they can simultaneously earn a BS in Mechanical Engineering from both VT and TUD. This is a one-year program that replaces the standard Fall-Spring senior year at VT with a Winter-Summer senior year at TUD. The students graduate in August and in time to start graduate school later that month. This program cannot be combined with the VT dual BS/MS program. The students will typically have one elective per semester at TUD.
3. **VT-TUD ATLANTIS:** The students complete all the requirements of the *VT-TUD Dual BSME degree* program, and they earn at least 20 CP ECTS (approximately 10 semester credit hours) at Kungliga Tekniska högskolan (KTH), also known as the Royal Institute of Technology, in Stockholm, Sweden. The coursework at KTH must include *Swedish I*. Normally, this is completed during the summer between the sophomore and junior years: Swedish I (7.5 CP ECTS, during the month of July) and undergraduate research (12.5 CP ECTS, during late-May through mid-August).

Program Option Desired (select one):

- Senior year abroad at TUD
- VT-TUD Dual BSME degree
- VT-TUD ATLANTIS

Proposed Plan of Study:

Please refer to the following online documents for more details:

Standard program of study:

<http://www.tud.vt.edu/BS/ATLANTIS-TUDhandout2012.pdf>

Technical electives at Technische Universität Darmstadt:

http://www.tud.vt.edu/BS/VT-TUD_TransferEquiv2009.pdf

AREA 2, 3, 6, 7

At present, there are only a few Technische Universität Darmstadt courses approved towards the Virginia Tech AREA 2, 3, 6, 7 course requirements. Therefore, in most cases, these course requirements should be completed prior to departing for Technische Universität Darmstadt.

German Language Skills

Students must have sufficient German language skills in order to study engineering at Technische Universität Darmstadt (TUD). A German language skills test must be completed at TUD prior to the October start of the TUD Winter semester. To pass this test, a student should earn a “B” in GER 3106 or GER 3114 at Virginia Tech, and then attend the intensive language course in early Fall at TUD, prior to the October semester start.

Questions regarding German language preparation at Virginia Tech should be directed to the Virginia Tech Department of Foreign Languages and Literatures.

On the following pages, list your remaining courses, by semester until you graduate.

Statement of Purpose

Briefly describe in the space below why you want to participate in this program:

Sophomore Year – Fall semester:

- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____
- 6. _____

Sophomore Year – Spring semester:

- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____
- 6. _____

Summer Following Sophomore Year:

- 1. Summer at KTH → YES NO

Or if you need to make up courses:

- 1. _____
- 2. _____
- 3. _____
- 4. _____

Junior Year – Fall semester:

- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____
- 6. _____

Junior Year – Spring semester:

- 1. _____
- 2. _____
- 3. _____
- 4. _____
- 5. _____
- 6. _____

Summer Following Junior Year:

- 1. GER 2114 → YES NO

- 2. GER 3114 → YES NO

Or if already passed GER 3106 or GER 3114 with "B" or better:

- 1. Summer at KTH → YES NO

The following courses must be completed before leaving for TU Darmstadt:

AREA 2 courses:

- 1. _____
- 2. _____

AREA 3 courses:

- 1. _____
- 2. _____

AREA 6 course:

- 1. _____

AREA 7 course:

- 1. _____

Early-Fall at TUD prior to Senior Year:

1. German language at TUD → YES NO

This language training is recommended for all students that are not native-German speakers.

Senior Year – Winter semester (starts approximately October 15):

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

Senior Year – Summer semester (ends approximately July 15):

1. _____
2. _____
3. _____
4. _____
5. _____
6. _____

The TUD summer semester exam period generally ends prior to August 15 in order to accommodate graduate studies starting at the end of August. The corresponding Virginia Tech graduation date will be August.

Future Academic and Professional Plans (select all that apply):

- MS degree at Virginia Tech
- MS degree at Technische Universität Darmstadt
- Dual MS degree at Virginia Tech & Technische Universität Darmstadt
- Ph.D. degree at Virginia Tech
- Dr.-Ing. degree at Technische Universität Darmstadt
- Work in the USA
- Work in Germany