Pursue an International Degree at Brandenburg University of Technology

GATE Marketing Webinar USA – April 5, 2017
OUTLINE

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02 · Study courses offered
03 · Why study at BTU?
04 · Application and admission process
05 · Your city – Information about Cottbus
06 · Your campus
07 · Your student experience
08 · Important information
• Founded in 2013
• 3 campuses
• 6 faculties
• More than 70 study programs
  (12 only taught in English)
• Combines outstanding international research with future-oriented teaching
Information, communication and media center (ICMC)

Main campus Cottbus
MAIN FOCUS AREAS

BUILT ENVIRONMENT · HEALTH, SOCIAL, MUSIC PEDAGOGY · CULTURAL SCIENCES · ENGINEERING SCIENCES · ENVIRONMENTAL SCIENCES · BUSINESS SCIENCES · MATHEMATICS, NATURAL AND COMPUTER SCIENCES

RESEARCH-ORIENTED STUDY PROGRAMS

APPLIED STUDY PROGRAMS

FACULTY 1
Mathematics, Computer Science, Physics, Electrical Engineering and Information Technology

FACULTY 2
Environment and Natural Sciences

FACULTY 3
Mechanical Engineering, Electrical and Energy Systems

FACULTY 4
Social Work, Health Care and Music

FACULTY 5
Business, Law and Social Sciences

FACULTY 6
Architecture, Civil Engineering and Urban Planning
# Study Programs

## Built Environment

<table>
<thead>
<tr>
<th>Program</th>
<th>Language</th>
<th>Degree</th>
</tr>
</thead>
<tbody>
<tr>
<td>Architecture</td>
<td>Ger · PI</td>
<td>B.Sc. · M.Sc.</td>
</tr>
<tr>
<td>Building and Conservation</td>
<td>Ger</td>
<td>M.Sc.</td>
</tr>
<tr>
<td>Civil Engineering</td>
<td>Ger</td>
<td>B.Sc. · M.Sc.</td>
</tr>
<tr>
<td>Heritage Conservation and Site Management</td>
<td>En</td>
<td>M.A.</td>
</tr>
<tr>
<td>Heritage Studies</td>
<td>En</td>
<td>Ph.D.</td>
</tr>
<tr>
<td>Climate-adapted Construction and Operation</td>
<td>Ger</td>
<td>M.Eng.</td>
</tr>
<tr>
<td>Urban and Regional Planning</td>
<td>Ger</td>
<td>B.Sc. · M.Sc.</td>
</tr>
<tr>
<td>Urban Design - Revitalization of Historic City Districts</td>
<td>En</td>
<td>M.Sc.</td>
</tr>
<tr>
<td>World Heritage Studies</td>
<td>En</td>
<td>M.A.</td>
</tr>
<tr>
<td>HEALTH · SOCIAL</td>
<td>LANGUAGE</td>
<td>DEGREE</td>
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<tr>
<td>-----------------</td>
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</tr>
<tr>
<td>Vocational Education in Healthcare Professions</td>
<td>Ger</td>
<td>M.A.</td>
</tr>
<tr>
<td>Therapy Sciences*</td>
<td>Ger</td>
<td>B.Sc.</td>
</tr>
<tr>
<td>Nursing Science*</td>
<td>Ger</td>
<td>B.Sc.</td>
</tr>
<tr>
<td>Social Work</td>
<td>Ger-Pl-Ro</td>
<td>B.A. · M.A.</td>
</tr>
<tr>
<td>Instrumental and Vocal Performance and Teaching</td>
<td>Ger</td>
<td>B.A.</td>
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<table>
<thead>
<tr>
<th>MUSCIC PEDOGOGY</th>
<th>LANGUAGE</th>
<th>DEGREE</th>
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<table>
<thead>
<tr>
<th>CULTURAL SCIENCE</th>
<th>LANGUAGE</th>
<th>DEGREE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Culture and Technology</td>
<td>Ger</td>
<td>B.A. · M.A.</td>
</tr>
<tr>
<td>Study Program</td>
<td>Language</td>
<td>Level</td>
</tr>
<tr>
<td>--------------------------------------------------</td>
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</tr>
<tr>
<td>Electrical Engineering*</td>
<td>Ger</td>
<td>B.Sc. · M.Sc.</td>
</tr>
<tr>
<td>Mechanical Engineering*</td>
<td>Ger</td>
<td>B.Sc. · M.Sc.</td>
</tr>
<tr>
<td>Power Engineering</td>
<td>En</td>
<td>M.Sc.</td>
</tr>
<tr>
<td>Technology of Biogenic Raw Materials</td>
<td>Ger</td>
<td>B.Sc.</td>
</tr>
<tr>
<td>Processing Technologies of Materials</td>
<td>Ger · Ru</td>
<td>M.Sc.</td>
</tr>
<tr>
<td>Process Technology</td>
<td>Ger</td>
<td>B.Sc.</td>
</tr>
<tr>
<td>Process Technology - Process and Plant Technology</td>
<td>Ger</td>
<td>M.Sc.</td>
</tr>
<tr>
<td>Business Administration and Engineering*</td>
<td>Ger</td>
<td>B.Sc. · M.Sc.</td>
</tr>
</tbody>
</table>

*Indicates English language courses available.
### STUDY PROGRAMS

#### ENVIRONMENT SCIENCES

<table>
<thead>
<tr>
<th>Course</th>
<th>Language</th>
<th>Degree Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>Environmental and Resource Management</td>
<td>En</td>
<td>B.Sc. · M.Sc.</td>
</tr>
<tr>
<td>Euro Hydro-Informatics and Water Management</td>
<td>En</td>
<td>M.Sc.</td>
</tr>
<tr>
<td>Forensic Sciences and Engineering</td>
<td>Ger · En</td>
<td>M.Sc.</td>
</tr>
<tr>
<td>Land Use and Water Management</td>
<td>Ger</td>
<td>B.Sc. · M.Sc.</td>
</tr>
<tr>
<td>Renewable Raw Materials and Regenerative Energy</td>
<td>Ger</td>
<td>M.Sc.</td>
</tr>
<tr>
<td>Environmental Engineering</td>
<td>Ger</td>
<td>B.Sc. · M.Sc.</td>
</tr>
</tbody>
</table>

#### BUSINESS SCIENCES

<table>
<thead>
<tr>
<th>Course</th>
<th>Language</th>
<th>Degree Level</th>
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</thead>
<tbody>
<tr>
<td>Business Administration</td>
<td>Ger</td>
<td>B.Sc. · M.Sc.</td>
</tr>
<tr>
<td>Business Law for Technology Companies</td>
<td>Ger</td>
<td>M.B.L.</td>
</tr>
</tbody>
</table>

02 · STUDY COURSES OFFERED
## STUDY PROGRAMS

### MATHEMATICS

### NATURAL SCIENCES

### COMPUTER SCIENCE

<table>
<thead>
<tr>
<th>Study Program</th>
<th>Language</th>
<th>Degree(s)</th>
</tr>
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<tbody>
<tr>
<td>Applied Chemistry</td>
<td>Ger</td>
<td>B.Sc. · M.Sc.</td>
</tr>
<tr>
<td>Applied Mathematics</td>
<td>Ger</td>
<td>M.Sc.</td>
</tr>
<tr>
<td>Biotechnology</td>
<td>Ger · En</td>
<td>B.Sc. · M.Sc.</td>
</tr>
<tr>
<td>Dependable Systems</td>
<td>En</td>
<td>Ph.D.</td>
</tr>
<tr>
<td>eBusiness</td>
<td>Ger</td>
<td>B.Sc. · M.Sc.</td>
</tr>
<tr>
<td>Computer Science</td>
<td>Ger</td>
<td>B.Sc. · M.Sc.</td>
</tr>
<tr>
<td>Information and Media Technology</td>
<td>Ger</td>
<td>B.Sc. · M.Sc.</td>
</tr>
<tr>
<td>Mathematics</td>
<td>Ger</td>
<td>B.Sc.</td>
</tr>
<tr>
<td>Medical Informatics*</td>
<td>Ger</td>
<td>B.Sc.</td>
</tr>
<tr>
<td>Physics</td>
<td>Ger · Pl</td>
<td>B.Sc. · M.Sc.</td>
</tr>
<tr>
<td>Economathematics</td>
<td>Ger</td>
<td>B.Sc.</td>
</tr>
</tbody>
</table>
• **Program Objective:**
  To equip graduates with the skills needed to design, implement and manage cyber security concepts

• **Career Opportunities:**
  - IT-industry
  - State organizations and administrations, military, large companies, small and medium-sized enterprises, data centers and news services
  - Cyber security research
ENVIRONMENTAL AND RESOURCE MANAGEMENT (B.SC., M.SC., PH.D.)

- **Program Objective:**
  To offer an integrated approach to current international issues, thus helping to improve the quality of professional environmental management for the 21st century

- **Career Opportunities:**
  - Public sector: environmental administrations, organizations of the European Union and the United Nations and supervising agencies
  - Private sector: engineering and planning enterprises, energy production companies
WORLD HERITAGE STUDIES (M.A.)

- **Program Objective:**
  To convey transdisciplinary knowledge needed for the identification, preservation, management and presentation of cultural and natural heritage sites

- **Career Opportunities:**
  - Heritage institutions, governmental bodies, private organizations, tourism, museums and universities
  - UNESCO offices and National Commissions, World Heritage sites and other country specific cultural organizations
**POWER ENGINEERING (M.SC.)**

- **Program Objective:**
  To develop the concept of a safe, affordable and environmentally friendly energy generation as one of most urgent global challenges of the 21st century

- **Career Opportunities:**
  - Academic and industrial research and development, power generation, transmission, distribution and application
  - Design, manufacturing and sales of technical products
  - Work as engineers or managers in the power industry and supply utilities field
PH.D. PROGRAMS

• Dependable Systems
• Heritage Studies
• Environmental and Resource Management

Further information about the respective study courses can be found online at:

https://www.b-tu.de/en/study/study-programmes
SEMESTER ABROAD

02 · STUDY COURSES OFFERED
**BRIDGE TO STUDIES**

- **Contents:**
  - Full-academic-year German language intensive course
  - Course-accompanying tutorials to improve the participants’ conversation skills
  - Subject-specific (propaedeutic) prep classes
  - Intercultural activities, field trips and excursions

- **Requirements:**
  - German language proficiency on at least B1 level (pursuant to the Common European Framework of Reference for Languages, CEFR)
  - Higher education entrance qualification
Why study at BTU?

24% International students

8,000 students

21 international courses

1916.6 hours of sunshine per year
EXCELLENT TEACHING & OUTSTANDING RESEARCH

- Students receive excellent support from their professors and teachers
- Level of teaching is high-quality and practice-oriented → prepares students for the best job opportunities both nationally and internationally
- Research-intensive university with a strong practical orientation
COMPREHENSIVE RANGE OF STUDY PROGRAMS & INDIVIDUAL CAREER PLANNING

- Design your individual academic path → university or applied science study program
- English-speaking programs
- Multitude of bilingual and bi-national programs, as well as close cooperation with partners such as Rolls Royce
2011 BTU signed the “Diversity Charter” → all students and employees are valued equally, irrespective of their gender, nationality, ethnic origin, religion or ideology, handicap, age, sexual orientation or identity.
STATE OF THE ART FACILITIES

• Modern scientific facilities and laboratories
• Information, Communication and Media Centre (ICMC)
Internationalization strategy includes objectives:

- Strategic partnerships
- Geographic orientation
- **Internationalization of study programs and teaching**
- International research, especially the promotion of young talent
- International mobility of BTU members and relatives
EXTENSIVE NETWORK

- Cooperations with non-university research institutions, partner universities, large industrial partners, as well as small and medium-sized enterprises
- Joint/coordinated appointments, collaborative projects or business cooperation within the framework of technology transfer
- 160 partner universities in 53 different countries
OUTSTANDING STAFF-STUDENT RATIO

• Approx. 8.000 students
• 197 professors
  (including guest professors and junior professors)
• 629 academic staff members
• Relaxed seminar atmosphere
• Regular input from guest lecturers
CHARMING SMALL CAMPUS ATMOSPHERE

- Small university
- Three campus locations: Cottbus, Cottbus-Sachsendorf, and Senftenberg
- Short distance between our campuses allows for ease of study and transportation
  → no commuting: Your time is valuable!
INEXPENSIVE COST OF LIVING

- Low cost of living in Cottbus
- Comfortable life on a student budget
- Leisure activities both in and around Cottbus are inexpensive
- Semester ticket for travelling to Berlin, Dresden or another place in the entire state of Brandenburg and Berlin for free

<table>
<thead>
<tr>
<th>Description</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Semester Fee (once a semester)</td>
<td>ca. 260 €</td>
</tr>
<tr>
<td>Dormitory Rent</td>
<td>165-362 €</td>
</tr>
<tr>
<td>Privately Rented Apartment</td>
<td>170-350 €</td>
</tr>
<tr>
<td>Mandatory Health Insurance</td>
<td>ca. 90 €</td>
</tr>
<tr>
<td>Groceries</td>
<td>150-170 €</td>
</tr>
<tr>
<td>Public Transportation within Town, Federal State of Brandenburg and Berlin is included in your semester ticket</td>
<td>0 €</td>
</tr>
<tr>
<td>Other (Clothes, School Materials, Other Activities)</td>
<td>200 - 300 €</td>
</tr>
<tr>
<td></td>
<td>500 - 700 €</td>
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</tbody>
</table>
LIFELONG LEARNING

- Concept of lifelong learning is very important
- From college to university degree to continuing education courses
„Before I started studying in Cottbus, I spent one year learning in Germany learning the language. I got to visit several universities and BTU seemed just perfect for me. This is because of the small number of students, the vast nationalities and the facilities offered by the university.“

Fath Senja, Indonesia, Architecture student
“BTU is a welcoming advocate of multiculturalism. It’s high diversity of several students with various ethnicities has made it a truly unique and interesting place to study. It’s robust and flexible system of study has not only given me real and unique benefits in my professional development, but also my development as a human being. It has improved my cultural awareness, made me professionally more creative, flexible and smarter.”

Bobbo Nfor Tansi, Cameroon, Ph.D. student, Chair of Environmental Planning
„Despite having professional projects in Australia, Israel, the USA, and England, I decided to put down roots in Berlin Brandenburg. I've been working and living here for over 15 years. During this time I developed deep friendships and professional relationships. Here I started my family.“

Anna Komar

Studied Business Administration and works as management consultant in Berlin
“The modern equipment and innovative technology in the field of welding at BTU, along with the incredible living conditions in Cottbus offer the perfect conditions for successful studies.”
Anton Evdokimov
Graduate Doctor of Mathematical Modeling, works at BTU
WELCOME TO BTU!

APPLICATION & ADMISSION
APPLY IN 3 STEPS

STEP 1
Choose a study programme.

STEP 2
Prepare the documents needed.

STEP 3
Prepare the application form through uniassist.

For further information, take a look at: www.b-tu.de/en/study/applications-and-admissions
FACTS

- Located in the north-east of Germany
- First mentioned in 1156
- Population: 100,000
FACTS

- Beautiful landscape: Spreewald
- Slavonic minority: Sorbs / Wends
- Many bars and restaurants
CULTURAL HIGHLIGHTS

05 · YOUR CITY - COTTBUS
CULTURAL HIGHLIGHTS
3 LOCATIONS

CENTRAL CAMPUS COTTBUS
COTTBUS SACHSENDORF
SENFENBERG

WHERE / HOW WILL YOU STUDY?
For more impressions of Cottbus and BTU:

https://youtu.be/GNQou3RV2KY?list=PL945322B6D94C9BB2
Apartment, Dorms or Shared Flat

Where / How Will You Live?
• Dorms offered close to university (through www.studentenwerk-frankfurt.de)
• Shared appartments (check out http://www.wg-gesucht.de/en/)
Welcome & Registration Point – We support international students to settle easily into the immediate environment and to familiarize with German culture

OTIWO – orientation week for German and international students

International Relations Office - Organisation of orientation and intercultural preparatory programmes; excursions for international students and student activities e.g. Cottbus Open festival, theatre, cultural nights, excursions...

Buddy program for international students
FINANCING OPPORTUNITIES

- Scholarships:
  - Deutscher Akademischer Austauschdienst (DAAD)
    Info for US-Americans
  - MyStipendium (www.mystipendium.de)

- Student jobs
- Parents’ support
SPORTS

• Large variety of sport courses for all interests
• Host for sports tournaments and university championships
• Preparation and training for sports tournaments of the »German University Sports Federation«
# IMPORTANT DATES AND DEADLINES

Dates for winter semester 2017/18

<table>
<thead>
<tr>
<th>Semester period</th>
<th>01.10.17 - 31.03.18</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lecture period</td>
<td>09.10.17 - 03.02.18</td>
</tr>
</tbody>
</table>

Holidays and days without lecture

- German Unity Day                | 03.10.17 |
- Reformation Day                 | 31.10.17 |
- Christmas and New Year          | 25.12.17 - 06.01.18 |
- Good Friday                     | 30.03.18 |

Applications

**Bachelor degree programs WITHOUT admission limits**

- from countries not requiring a student visa by 31.08.17
- from countries requiring a student visa who hold a valid residence permit by 31.08.17
- from countries requiring a student visa by 15.07.17

**Bachelor and Master Degree Programmes WITH Admission Limits**

**by 15.07.17**

**Master degree programs**

- from countries not requiring a student visa by 31.08.17
- from countries requiring a student visa who hold a valid residence permit by 31.08.17
- from countries requiring a student visa by 15.07.17

1. for study programs Power Engineering, Urban Design, Heritage Conservation by 01.06.17

**Preparation year „Bridge to Studies“**

- Foreign citizens (entrance qualification with Level B1 certificate) by 15.07.17
- Prospective (INCOMING) Exchange Students (ERASMUS+, STUDEXA) by 15.07.17
Be curious. Let yourself be inspired. Be unique. You will not regret it.

BECOME PART OF THE BTU-COMMUNITY!
Brandenburgische Technische Universität Cottbus - Senftenberg
International Relations Office
Platz der Deutschen Einheit 1
03046 Cottbus

E internationaladmission@b-tu.de
I www.b-tu.de/en/international