BRUSSELS
EASY ACCESSIBLE

FROM BRUSSELS TO

London: 2 hours
Paris: 1 hour 20 min.
Frankfurt: 3 hours
Amsterdam: 2 hours

ETTERBEEK ↔ ZAVENTEM AIRPORT

25 minutes
2 trains/hour
BRUSSELS
BEATING HEART OF EUROPE

• 1 million inhabitants
• 33% of foreign origin
• 104 languages

World’s largest press centre

• 4th business city in Europe
• 1700 international institution headquarters

• International decision center
• EU & NATO headquarters
• 1rst congres city in Europe
• Largest diplomats community
BRUSSELS
OUR LIVING LAB

MAIN CAMPUS NEAR ULB
MEDICAL CAMPUS @UZ BRUSSEL
CONNECTED KNOWLEDGE CENTERS
- Welcoming policy for international students
- Individual and group study coaching

BRUSSELS IN THE CITY CAMPUS
- 2017-2018
- City becomes teaching aula
- Connecting students
- Brussels & the world of work
497 agreements with 245 partner universities for student exchange and other scholarship programmes.
RANKINGS

VUB belongs to the 19% best universities worldwide

45th

182 in

77 places higher than in 2005

201-300 of 500 in

301-350 of 981 in

#48
U-MULTIRANK
Multidimensional ranking and comparison tool of Higher Education Institutions. Every user – student, researcher, decision maker, … - can define its own mixture of performance indicators across 5 dimensions of performance:

- teaching and learning
- research
- knowledge transfer
- international orientation
- regional engagement.

U-Multirank visualises the results with sunbursts. The Vrije Universiteit Brussel has good to very good scores compared to other universities, and this on almost all indicators.

QS rankings are reputation-driven, with 50% of an institution's score derived from surveys.

The capital of Belgium and headquarters of the European Union, Brussels is known for its international character – and this is reflected in the high proportion of international students at its universities. As well as being known for its international diversity and central role in European politics, Brussels is also famed for its chocolate shops, comic strip art, pubs, cafés and attractive architecture.
HET DENKEN ONGERWERPT ZICH NIET

HET DENKEN MAG ZICH NOOIT ONGERWERPEN, NOCH AAN EEN DOGMA, NOCH AAN EEN PARTIJ, NOCH AAN EEN HARTSTOCHT, NOCH AAN EEN BELANG, NOCH AAN EEN VOOROORDEEL, NOCH AAN OM HET EVEN WAT, MAAR UITSLUITEND AAN DE FEITEN ZELF, WANT ZICH ONGERWERPEN BETEKENT HET EINDE VAN ALLE DENKEN.

Henri Poincaré (1854 - 1912)

VALUES

- Warm
- Open
- Eager to learn
- Connected
CAMPUSES

169.209m² surface
(Etterbeek and Jette) or more than 26 soccer fields

- Brussels Humanities, Sciences & Engineering Campus
  Main campus Etterbeek (Elsene)

- Brussels Health Campus
  Jette

- Brussels Technology Campus
  Anderlecht

- Brussels Photonics Campus
  Gooik

VUB 2020 FUTURE INVESTMENTS IN ETTERBEEK

- 33.100m² new XY building
  650 student rooms

- VUB-ULB ICT Science & Technology Park
  - new auditoria & classrooms
  - event hall
  - art & expo room
  - KultuurKaffee

- Learning & Innovation Center
- Swimming pool
- International Student Site (barracks)
  - 150 extra student rooms
  - study & recreation facilities
STUDENTS 2016 - 2017

10% First-time University Students
1.602 students

145 Study Programmes
46 English, 99 Dutch

Students in Study Programmes

- Bachelors: 6,762
- Masters: 5,550
- Advanced Masters: 713
- PhD: 1,448
- Postgraduates: 95
- Teacher Training: 112
- Other (credit students, Erasmus students...): 1,185

Total: 15,865 students

54% Women
46% Men

Alumni: +50,000

* Increase of 6.3%
## STUDENTS BY FACULTY

<table>
<thead>
<tr>
<th>Faculty</th>
<th>Students 2016-2017</th>
<th>First-time University Students</th>
<th>International (%)</th>
<th>vs. 2015-2016</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ECONOMIC &amp; SOCIAL SCIENCES &amp; SOLVAY BUSINESS SCHOOL</strong></td>
<td>3,489 students</td>
<td>444</td>
<td>27%</td>
<td>+7%</td>
</tr>
<tr>
<td></td>
<td>49% female, 51% male</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>ARTS &amp; PHILOSOPHY</strong></td>
<td>1,209 students</td>
<td>152</td>
<td>16%</td>
<td>-11%</td>
</tr>
<tr>
<td></td>
<td>61% female, 39% male</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>LAW &amp; CRIMINOLOGY</strong></td>
<td>1,986 students</td>
<td>240</td>
<td>8%</td>
<td>-1%</td>
</tr>
<tr>
<td></td>
<td>64% female, 36% male</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>SCIENCES &amp; BIO-ENGINEERING SCIENCES</strong></td>
<td>1,197 students</td>
<td>166</td>
<td>29%</td>
<td>+5%</td>
</tr>
<tr>
<td></td>
<td>39% female, 61% male</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>MEDICINE &amp; PHARMACY</strong></td>
<td>1,827 students</td>
<td>159</td>
<td>16%</td>
<td>+8%</td>
</tr>
<tr>
<td></td>
<td>63% female, 37% male</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>ENGINEERING</strong></td>
<td>971 students</td>
<td>156</td>
<td>31%</td>
<td>+8%</td>
</tr>
<tr>
<td></td>
<td>22% female, 78% male</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>PSYCHOLOGY &amp; EDUCATIONAL SCIENCES</strong></td>
<td>1,704 students</td>
<td>130</td>
<td>17%</td>
<td>-2%</td>
</tr>
<tr>
<td></td>
<td>80% female, 20% male</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>PHYSICAL EDUCATION &amp; PHYSIOTHERAPY</strong></td>
<td>957 students</td>
<td>156</td>
<td>12%</td>
<td>0%</td>
</tr>
<tr>
<td></td>
<td>48% female, 52% male</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>OTHER</strong></td>
<td>300 students</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3 disciplines: political sciences, social sciences &amp; communication studies</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>40 nationalities</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>146 students</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*due to new Bachelor Social Sciences

- 3 disciplines: political sciences, social sciences & communication studies
- 40 nationalities
- 146 students
128 NATIONALITIES
3,411 INTERNATIONAL STUDENTS

EEA countries: 1,744 (52%)
Non EEA countries: 1,637 (48%)

55% female
45% male

INTERNATIONAL STUDENTS IN STUDY PROGRAMMES

- Bachelors: 831 (24.4%)
- Masters: 1,306 (38.3%)
- Advanced Masters: 159 (4.7%)
- PhD: 649 (19%)
- Other: 466 (13.7%)

1. CHINA: 261 (7.6%)
2. THE NETHERLANDS: 548 (16%)
3. SPAIN: 123 (3.6%)
4. ITALY: 131 (3.8%)
5. TURKEY: 82 (2.4%)

TOP 5 EEA COUNTRIES

1. IRAN: 57 (1.7%)
2. INDIA: 61 (1.8%)
3. GERMANY: 223 (6.5%)
4. ROMANIA: 86 (2.5%)
5. SPAIN: 123 (3.6%)

TOP 5 NON EEA COUNTRIES

* EEA: European Economic Area
EXCHANGE STUDENTS

2016 - 2017
INCOMING STUDENTS
245 students
37 countries
28 EEA - 9 NON EEA

TOP 5 INCOMING COUNTRIES
1. SPAIN
2. ITALY
3. GERMANY
4. TURKEY
5. CHINA

2016 - 2017
OUTGOING STUDENTS
273 students
31 countries
7 EEA - 24 NON EEA

TOP 5 OUTGOING COUNTRIES
1. SPAIN
2. GERMANY
3. FRANCE
4. ITALY
5. CANADA

* EEA: European Economic Area
STUDENT HOUSING

1.217 VUB ROOMS

- JETTE: 246 rooms
- ETTERBEEK: 971 rooms

OCCUPATION
18% international students

U-residence
95 ROOMS

- 64 LONG-STAY STUDIOS
- 31 SHORT-STAY ROOMS

INTERNATIONAL STUDENTS

BELGIAN STUDENTS

2017 - 2018: 323 EXTRA ROOMS
- 33.100m2 new construction
- +650 new rooms in XY building
- -327 rooms Etterbeek student village
INCLUSIVE UNIVERSITY

VUB STUDENT REFUGEE PROGRAMME

<table>
<thead>
<tr>
<th>Country</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Syria</td>
<td>30</td>
</tr>
<tr>
<td>Palestine</td>
<td>6</td>
</tr>
<tr>
<td>Iraq</td>
<td>3</td>
</tr>
<tr>
<td>Afghanistan</td>
<td>2</td>
</tr>
<tr>
<td>Iran</td>
<td>1</td>
</tr>
<tr>
<td>Yemen</td>
<td>1</td>
</tr>
<tr>
<td>Egypt</td>
<td>1</td>
</tr>
<tr>
<td>Iran</td>
<td>1</td>
</tr>
</tbody>
</table>

OPEN CAMPUS

- Welcoming policy for international students
- Individual and group study coaching

PARTICIPATION

- Students participate in Rector elections
- 10% students represented in all decision making

MELDPUNT

- ‘Unwanted and inappropriate behaviour’: report it!

1/10 IS WORKING STUDENT

17% SCHOLARSHIP STUDENTS

2.697

2015 - 2016

87% of students rate professors as good or very good

- very good: 31%
- good: 56%
- mediocre: 7%
- poor: 3%

Students appreciate education at VUB.
This yearly anonymous feedback is based on:

- lectures
- study material
- education method
- examination
**Job security.**
About 57.22% has a permanent contract and 29.56% works with a temporary contract. 8.37% is self-employed and only 1.90% is working as an interim.

- **Quick @work**
  - 96.15% paid job within a year
  - 37.46% immediately
  - 74% <3 months

- **Happy @work**
  - 20.72% not satisfied
  - 79.28% satisfied

**WHERE THEY WORK**
- 3.52% non-profit
- 3.52% ICT
- 3.80% consulting
- 3.80% finances & insurances
- 5.42% research & development
- 5.51% legal sector
- 9.70% education & training
- 9.89% medical, social & health sector
- 12.28% public services & government
- 13.97% university & academy
- 28.61% other

- 34% Happy @work
- 66% Quick @work

**29.56% Temporary contract**
- 57.22% Permanent contract
- 8.37% Self-employed
- 1.90% Interim job
VUB STAFF

**VUB/UZ Brussel**
biggest Dutch-speaking employer in Brussels

**WORK**
**TOTAL OF 3.257 EMPLOYEES**

- **FULL-TIME**: 1,829 (56%)
- **PART-TIME**: 1,428 (44%)

**NATIONALITY**

- **FROM BELGIUM**: 2,682 (82%)
- **FROM EUROPEAN CONTINENT**: 383 (12%)
- **OTHER**: 192 (6%)

**DEGREE**

- **VUB DEGREE**: 1,413 (43%)
- **OTHER UNIVERSITY/ACADEMY DEGREE**: 1,180 (36%)

**Gender**

- **Female**: 36%
- **Male**: 64%
VUB STAFF

AGE

- 20-29: 689 (21%)
- 30-39: 965 (30%)
- 40-49: 636 (19.5%)
- 50-59: 669 (20.5%)
- 60+: 298 (9%)

YEARS OF SERVICE

- < 5: 1,196 (37%)
- > 5: 688 (21%)
- > 10: 620 (19%)
- > 20: 427 (13%)
- > 30: 326 (10%)
STAFF & GENDER

TOTAL SUPPORT STAFF

1,094

688 FEMALE
62.9%

406 MALE
37.1%

GENDER IN GOVERNING ENTITIES

University council: 32.6% women
Board of directors: 40% women
Academic council: 31.57% women
UZ Brussel board of directors: 13.33% women
Committee of directors: 58.33% women
Research council: 41.17% women
Education council: 38.46% women
Innovation and valorisation council: 30.76% women
International policy council: 44.44% women
6 faculties have at least 1 female dean, vice-dean or academic secretary

- Evaluation female tenured academic staff (ZAP)
  1992: 61.19 FTE = 17%
  2016: 112.52 FTE = 28.04%

- 36% women in Evaluation & Promotion Committees

**STAFF & GENDER**

**ACADEMIC STAFF**

- 2,163

**WOMEN IN LEADING POSITIONS**

- 1 female rector
- 2 female vice-rectors
- 2 male vice-rectors
- 1 female dean
- 7 male deans

**GENDER BIAS IN ACADEMIC CAREER**

- Evaluation female tenured academic staff (ZAP)
  1992: 61.19 FTE = 17%
  2016: 112.52 FTE = 28.04%

- 36% women in Evaluation & Promotion Committees
9 RESEARCH CLUSTERS

- City dynamics
- Societal challenges
- Brain & behaviour
- The circle of life
- Smart engineering
- Smallest particles
- Fighting diseases
- Environmental issues
- Big data
RESEARCH

Wtnschp Science outreach 2016
- Science outreach 2016 Wtnschp
- 9543 people reached
- 229.732 online visitors
- Wetenschapswinkel
  - Scientists/students help > 500 non-profit organisations
  - 2017: 200th wetenschapswinkel
    - master’s thesis

Total research budget
- €94,173,960
- 166

Research groups
- 21% revenue from cooperation with private sector
- 15% own research budget
- 19% budget Flemish government for fundamental research
- 45% project financing by governments

Project financing by governments
VUB TECHTRANSFER
CONNECTING SCIENCE & SOCIETY

VICE-RECTORATE INNOVATE
assists and supports interaction with industry and society, with legal issues, contracts, patenting, business development, communication, etc.

INDUSTRIAL RESEARCH FUND
supporting TOP research groups to find funding

VUB SUPPORTS UZ BRUSSEL
as pioneer and world player in valorising their knowledge, discoveries and technologies towards society and industry.

SPIN-OFF COMPANIES
The VUB has about 30 active spin-offs, based on research in many domains, including:
- engineering
- life sciences
- economy
- ICT
- sports

PATENTS
- active patent families: 123
- inventions reported: 43
- new patents filed: 25

+20 years of starter seminars
pioneer in bringing business management and (technology) entrepreneurship to researchers.
+1.000 participants
UZ BRUSSEL

TAKING CARE OF A DIVERSE PUBLIC
15/100 patients are not Belgian

- Belgian 84.6%
- Non-Belgian European 8.6%
- African 4%
- Asian 2%

3671 STAFF MEMBERS

- Nursing Staff 39.4%
- Medical 15.8%
- Paramedics & Pharmacy 13.8%
- Support 27.3%
- Other 3.6%

300 ADVANCED MASTER STUDENTS IN SPECIALIZED MEDICINE IN 2016

- 360,765 consultations +6.3%
- 30,262 hospitalisations -0.1%
- 27,323 1 day hospitalisations +4.3%
10 RESEARCH CLUSTERS

- Development, Aging and Pathology
- Diabetes Research Center
- Liver, Cell Biology and Toxicology
- Medical Imaging and Physical Sciences
- Neurosciences
- Oncology Research Center
- Pharmaceutical research and data technology
- Public Health
- Reproduction, genetics and regenerative medicine
- Research Center for Cardiovascular diseases

721 publications
UZ Brussel & Faculty Medicine & Pharmacy
UZ BRUSSEL AS PIONEER

CANCER
1st Radixact treatment worldwide @UZ Brussel & Innovative immunotherapy

DIABETES
Sophisticated tools & integrated care of type 1 diabetes

LYMPH EDEMA
Lymph clinic treats forgotten patients after cancer treatment

HEART
Innovative CT-scan can prevent invasive surgery in cathlab

FERTILITY
Oncofertility assures fertility of cancer patient after treatment
A SUSTAINABLE UNIVERSITY

Sustainable development is part of the university's strategic plan. For all decisions and activities, long- and short-term consequences are taken into consideration, in a micro and macro perspective and in social, environmental and economic terms.

VUB Sustainability Goal
CO₂ compensation for flights

3.257 staff
2.689 flights = 2.700 ton CO₂ eq.

CO₂ linked to commuting traffic per member of staff:
• Jette: 6.8 kg CO₂/working day due to heavy traffic
• Etterbeek: 3.5 kg CO₂/working day due to use of public transport (train)

MOBILITY CAMPUS IN ETTERBEEK

Mobility of >15,000 students and >3,000 members of staff

<table>
<thead>
<tr>
<th>VUB ETTERBEEK</th>
<th>SIMILAR ZONE</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAR</td>
<td>18.4 %</td>
</tr>
<tr>
<td>CARPOOL</td>
<td>0.4 %</td>
</tr>
<tr>
<td>MOTORBIKE</td>
<td>0.5 %</td>
</tr>
<tr>
<td>TRAIN</td>
<td>51.4 %</td>
</tr>
<tr>
<td>OTHER PUBLIC TRANSPORT</td>
<td>19.7 %</td>
</tr>
<tr>
<td>BIKE</td>
<td>6.2 %</td>
</tr>
<tr>
<td>BY FOOT</td>
<td>3.3 %</td>
</tr>
</tbody>
</table>

<750 KM 16%
750 - 2,000 KM 43.6%
>2,000 KM 40.4%
THE USE OF PAPER HAS GONE DOWN BY 58% IN 12 YEARS

USE OF PAPER

Sorts of paper used
• Virgin paper
  FSC labeled and of 100% CO₂ neutral production
• Recycled paper
  100% post-consumer, containing solely old paper

USE OF WATER

Every person on Campus Etterbeek uses on average 6 m³ of water a year. That’s equal to 40 full bathtubs!

40x

2001 1.555
2007 1.097
2013 651

NUMBER OF PRINTED BROCHURES DECREASED FROM 2.276 IN 2012 TO 954 IN 2014

SUSTAINABLE UNIVERSITY

VUB STUDENT INITIATIVE

Green Team
Green Impact project
ENERGY

Energy-efficiency is a real challenge since this concept was virtually non-existent when the university infrastructure was built 40 years ago.

- 166.858m² heated surface

RENEWABLE ENERGY

Use of 100% renewable energy for electricity: corresponds to the energy consumption of about 3,900 homes.

GAS

Use of natural gas for hot water and heating: equivalent to the power required to heat approximately 1,200 homes.

- 1/6 WASTE

In two years, the amount of waste at Campus Etterbeek has been reduced by almost 6 tonnes.

35 DIFFERENT TYPES OF WASTE ARE COLLECTED

14 TONNES hazardous medical and biological waste per year

14 TONNES chemical waste per year
SUSTAINABLE UNIVERSITY

CONSUMPTION BASED ON TYPE OF MENU
1. Daily special 52%
2. Vegetarian 19%
3. Fish 15%
4. Pasta bar 8%
5. Stir fry 4%
6. Cold dish 2%

MOST POPULAR DISHES (540-580 servings a day)
1. Ribs
2. Meatballs in tomato sauce
3. Steak
4. Vol-au-vent
5. Beef stew
6. Doner kebab

MOST POPULAR VEGETARIAN DISHES (200-250 servings a day)
1. Stuffed peppers
2. Vegan tacos
3. Crunchy vegetables with guacamole and nachos
4. Vegan wraps
5. Vegan spaghetti bolognese

LUNCHES SERVED since 2008

<table>
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<tr>
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<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>STUDENTS</td>
<td>105.717</td>
<td>116.991</td>
<td>122.872</td>
<td>125.212</td>
<td>130.300</td>
<td>135.911</td>
<td>142.234</td>
<td>151.415</td>
<td>159.992</td>
</tr>
</tbody>
</table>

1 daily vegetarian dish
1 daily vegan dish
All fish MSC/ASC-certified

RESTAURANT

269.838 lunches served in 2016
RESTAURANT

NON-RECOVERABLE FOOD WASTE IN 2015

<table>
<thead>
<tr>
<th>Item</th>
<th>March</th>
<th>May</th>
<th>July</th>
<th>Sept</th>
</tr>
</thead>
<tbody>
<tr>
<td>MEAT/FISH</td>
<td>39.35 kg</td>
<td>22.30 kg</td>
<td>26.45 kg</td>
<td>27.35 kg</td>
</tr>
<tr>
<td>VEGETABLES (HOT)</td>
<td>33.24 kg</td>
<td>56 kg</td>
<td>14.05 kg</td>
<td>4.55 kg</td>
</tr>
<tr>
<td>VEGETABLES (COLD)</td>
<td>42.05 kg</td>
<td>59.10 kg</td>
<td>42.20 kg</td>
<td>56.15 kg</td>
</tr>
<tr>
<td>CEREALS AND POTATOES</td>
<td>81.45 kg</td>
<td>74.05 kg</td>
<td>36.55 kg</td>
<td>55 kg</td>
</tr>
<tr>
<td>SAUCES</td>
<td>44.05 kg</td>
<td>42.90 kg</td>
<td>25.55 kg</td>
<td>28.10 kg</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td><strong>240.14 kg</strong></td>
<td><strong>254.35 kg</strong></td>
<td><strong>144.90 kg</strong></td>
<td><strong>171.15 kg</strong></td>
</tr>
</tbody>
</table>

WASTE REDUCTION IN THE KITCHEN
- Waste management through recovery of surplus food by rapid chilling
- Monitoring through periodic weighing

YEARLY PURCHASE OF NAPKINS
(biodegradable and compostable)
Dispenser napkins: 416,000
Cafeteria/catering napkins: 400,000
**YEARLY PURCHASE IN KG**

- **26,000**
  - Fresh: **53,000**
    - Organic, Frozen: **16,000**
    - Non-Organic, Frozen: **8,300**
  - Fries: **29,000**
  - Potatoes: **4,700**
  - Mashed Potatoes: **7,000**
  - Rice: **7,800**
  - Pasta: **6,000**

- **40,700**
  - Beef: **3,000**
  - Pork: **7,250**
  - Poultry/Rabbit: **8,900**

- **16,450**

- **7,750**

**PORTIONS PER SERVING**
- Meat: **150g**
- Vegetables: **200g**
- Fish: **175g**

**FAIRTRADE PRODUCTS**
- Bio Fairtrade coffee: **1,250kg** a year
- Oxfam juices: **3,600 bottles** a year

Local farmers sell products on campus since 2017

**EXPERIMENTS**

**LESS CHIPS EXPERIMENT**
Increase in price when choosing chips instead of potatoes or rice with a menu
With a 10% increase in the price (€0.50), there was a 10% decline in consumption.
With a 20% increase price (€1), the decline in consumption was 20%.

**MORE FRUIT EXPERIMENT**
Decrease in price if a piece of fruit is chosen with a menu
There was a 25% increase in fruit consumption after the price was reduced by €0.50 and a 42% increase in consumption after a reduction of €1.