BRUSSELS
EASY ACCESS

FROM BRUSSELS TO

<table>
<thead>
<tr>
<th>City</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>London</td>
<td>2 hours</td>
</tr>
<tr>
<td>Paris</td>
<td>1 hour 20 mins</td>
</tr>
<tr>
<td>Frankfurt</td>
<td>3 hours</td>
</tr>
<tr>
<td>Amsterdam</td>
<td>2 hours</td>
</tr>
</tbody>
</table>

MAIN CAMPUS ↔ BRUSSELS AIRPORT

- 25 minutes
- 2 trains/hour
BRUSSELS
BEATING HEART OF EUROPE

• > 1.1 million inhabitants
• 30% of foreign origin
• 108 languages

World’s largest press centre
• 1,200 accredited journalists
• 979 foreign journalists

• 4th business city in Europe
• > 2,000 international institution headquarters

• International decision centre
• EU & NATO headquarters
• 1st congress city in Europe
• Largest diplomatic community in Europe
BRUSSELS
OUR LIVING LAB

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

- City becomes teaching aula
- Connecting students Brussels & the world of work
- 2018: 1st weKONEKT week in Brussels

* ULB = Université Libre de Bruxelles
** UZ Brussel = Universitair Ziekenhuis Brussel
NETWORK

EU university network EUTOPIA
Organization of American States (OAS)
Scholars at Risk
University Association Brussels (UAB)
Alliance with Ghent University
Network Universities from the Capitals of Europe (UNICA)
VUB China Network
EU university network EUA
497 agreements with 245 partner universities for student exchange
Grupo Coimbra Brasil
University Centre for Development Cooperation (UCOS)
IMISCOE
Top Industrial Managers for Europe (T.I.M.E.)
Brussels Academy for China and European Studies (BACES)
Brussels University Alliance
VUB China Network
VRIJE UNIVERSITEIT BRUSSEL
VUB belongs to the 19% best universities worldwide

48th place
77 places higher than in 2005

201-300 of 500

301-350 of 1,103
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. Each ‘sunray’ represents one of the thirty plus U-Multirank indicators. The longer the ray, the better the performance of an institution on the selected indicator.

VUB’s overall profile for 2018 shows top performance across various indicators, with 10 ‘A’ (very good) scores overall.

BRUSSELS

QS BEST STUDENT CITIES

BRUSSELS

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.
185 years Together
HET DENKEN MAG ZICH NOOIT ONDERWERPEN, 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 ONDERWERPEN BETEKENTHETEINDEVANALLEDENKEN.

Henri Poincaré (1854 - 1912)

OUR VALUES

- Warm
- Open
- Eager to learn
- Connected
CAMPUSSES

375,144 m² surface
Elsene and Jette

Brussels Humanities, Sciences & Engineering Campus
- XY building - 650 student rooms - Opening 2019
- Usquare (VUB-ULB)
- Learning & Innovation Center (VUB-ULB)
- ICT Science & Technology Park (VUB-ULB)
- Renovation/conservation Braem building

Brussels Health Campus
- Theodoortje (nursing facility)
- Research building L (animalarium)

Brussels Usquare Campus
- 2017: opening Brussels University Consultation Center (BRUCC)
- 2018: opening new swimming pool

Brussels Photonics Campus

Brussels City Campus

FUTURE INVESTMENTS IN ELSENE
- New auditoria & classrooms
- Event hall
- Art & expo room
- VUB Pilar

FUTURE INVESTMENTS IN JETTE
- Theodoortje (nursing facility)
- Research building L (animalarium)

study & recreation facilities
+/- 600 student rooms

research groups
incubators
FABLAB
STUDENTS 2017 - 2018

10.33% FIRST-TIME UNIVERSITY STUDENTS

9,687 students

ENROLMENTS IN STUDY PROGRAMMES

156 STUDY PROGRAMMES
54 ENGLISH-TAUGHT, 102 DUTCH-TAUGHT

VUB + EHB: 22,345 STUDENTS

16,508 students

54% Women
46% Men

Total of all study programmes is not = # students
# Students by Faculty

<table>
<thead>
<tr>
<th>Faculty</th>
<th>Total Students</th>
<th>First-time university students</th>
<th>International (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Social Sciences &amp; Solvay Business School</strong></td>
<td>3,562</td>
<td>510</td>
<td>28%</td>
</tr>
<tr>
<td><strong>Arts &amp; Philosophy</strong></td>
<td>1,323</td>
<td>120</td>
<td>18%</td>
</tr>
<tr>
<td><strong>Law &amp; Criminology</strong></td>
<td>2,096</td>
<td>248</td>
<td>7%</td>
</tr>
<tr>
<td><strong>Sciences &amp; Bio-Engineering Sciences</strong></td>
<td>1,603</td>
<td>176</td>
<td>33%</td>
</tr>
<tr>
<td><strong>Medicine &amp; Pharmacy</strong></td>
<td>2,066</td>
<td>168</td>
<td>17%</td>
</tr>
<tr>
<td><strong>Engineering</strong></td>
<td>1,305</td>
<td>145</td>
<td>36%</td>
</tr>
<tr>
<td><strong>Psychology &amp; Educational Sciences</strong></td>
<td>1,768</td>
<td>186</td>
<td>15%</td>
</tr>
<tr>
<td><strong>Physical Education &amp; Physiotherapy</strong></td>
<td>1,023</td>
<td>153</td>
<td>10%</td>
</tr>
<tr>
<td><strong>Other</strong></td>
<td>2,079</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Percentage Changes:

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Social Sciences &amp; Solvay Business</strong></td>
<td>+9%</td>
<td>-2%</td>
</tr>
<tr>
<td><strong>Arts &amp; Philosophy</strong></td>
<td>+12%</td>
<td>+12%</td>
</tr>
<tr>
<td><strong>Law &amp; Criminology</strong></td>
<td>+4%</td>
<td>+12%</td>
</tr>
<tr>
<td><strong>Sciences &amp; Bio-Engineering Sciences</strong></td>
<td>+4%</td>
<td>+12%</td>
</tr>
<tr>
<td><strong>Medicine &amp; Pharmacy</strong></td>
<td>+2%</td>
<td>-7%</td>
</tr>
<tr>
<td><strong>Engineering</strong></td>
<td>-2%</td>
<td>-7%</td>
</tr>
<tr>
<td><strong>Psychology &amp; Educational Sciences</strong></td>
<td>+5%</td>
<td>+3%</td>
</tr>
<tr>
<td><strong>Other</strong></td>
<td>+3%</td>
<td>+3%</td>
</tr>
</tbody>
</table>
INTERNATIONAL STUDENTS

140 NATIONALITIES
4,038 INTERNATIONAL STUDENTS

EEA countries: 1,830 45.3%
NON-EEA countries: 2,208 54.7%

55% 45%

EEA: European Economic Area*

INTERNATIONAL STUDENTS IN
STUDY PROGRAMMES

<table>
<thead>
<tr>
<th>Programme</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelors</td>
<td>15.1%</td>
</tr>
<tr>
<td>Masters</td>
<td>30.9%</td>
</tr>
<tr>
<td>Advanced Masters</td>
<td>3.1%</td>
</tr>
<tr>
<td>PhD</td>
<td>19.5%</td>
</tr>
<tr>
<td>Other</td>
<td>31.4%</td>
</tr>
</tbody>
</table>

TOP 5 EEA COUNTRIES

1. THE NETHERLANDS: 578 (14.3%)
2. GERMANY: 232 (5.8%)
3. ITALY: 202 (5%)
4. FRANCE: 102 (2.5%)
5. SPAIN: 165 (4.1%)

TOP 5 NON-EEA COUNTRIES

1. CHINA: 290 (7.2%)
2. SYRIA: 80 (2%)
3. INDIA: 83 (2.1%)
4. TURKEY: 104 (2.6%)
5. FRANCE: 102 (2.5%)

* EEA: European Economic Area
EXCHANGE STUDENTS

2018 - 2019 INCOMING STUDENTS
250 students 2.04% growth
27 countries
19 EEA - 8 NON-EEA countries

TOP 5 INCOMING COUNTRIES
1 SPAIN 47
2 ITALY 36
3 GERMANY 18
4 CHINA 17
5 FRANCE 16

2018 - 2019 OUTGOING STUDENTS
275 students 0.73% growth
27 countries
20 EEA - 7 NON-EEA countries

TOP 5 OUTGOING COUNTRIES
1 SPAIN 41
2 GERMANY 21
3 FRANCE 19
4 THE NETHERLANDS 17
5 ITALY 16

EXCHANGE VUB-ULB
Erasmus Belgica
15 incoming students 40%
7 outgoing students 43%

* EEA: European Economic Area
STUDENT HOUSING

1,197 VUB ROOMS

- 216 Bru Upkot
  VUB-ULB of which 108 for VUB
- 143 Jet Upkot
  Of which 91 for VUB
- 260 Studenthomes EhB
  Mostly for EhB students
- 400 Brik rooms
- 4500 private rooms

U-residence
95 ROOMS

- 64 LONG-STAY STUDIOS
- 31 SHORT-STAY ROOMS
- INTERNATIONAL STUDENTS
- BELGIAN STUDENTS

OCCUPATION
18% international students

1,197 VUB ROOMS

INTERNATIONAL STUDENTS

+ 1,200 NEW ROOMS UNDER CONSTRUCTION

2019: 650 new (343 extra) rooms XY Building
2025: 600 new rooms Usquare (VUB-ULB)

JETTE
246 rooms

ELSENE
951 rooms
INCLUSIVE UNIVERSITY

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

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

MELDPUNT - REPORT IT
- ‘Unwanted and inappropriate behaviour’: report it!
- For Students & Staff

FUTURE: DIVERSITY PLAN 2018-2019
- For Students & Staff

Students appreciate education at VUB

EDUCATION SURVEY 2017-2018
80% of participants are ‘rather-very satisfied’

- very satisfied: 14%
- satisfied: 40%
- rather satisfied: 26%
- rather unsatisfied: 7%
- unsatisfied: 2%
- very unsatisfied: 1%
- neutral: 9%

15.87% SCHOLARSHIP STUDENTS
2,620
12.14% IS WORKING STUDENT
1,999
## 483 Students with Reflex-Statute

### Per Faculty

<table>
<thead>
<tr>
<th>Faculty</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Psychology &amp; Educational Sciences</td>
<td>86</td>
</tr>
<tr>
<td>Social Sciences &amp; Solvay Business School</td>
<td>86</td>
</tr>
<tr>
<td>Law &amp; Criminology</td>
<td>82</td>
</tr>
<tr>
<td>Medicine &amp; Pharmacy</td>
<td>59</td>
</tr>
<tr>
<td>Physical Education &amp; Physiotherapy</td>
<td>50</td>
</tr>
<tr>
<td>Sciences &amp; Bio-Engineering Sciences</td>
<td>46</td>
</tr>
<tr>
<td>Arts &amp; Philosophy</td>
<td>38</td>
</tr>
<tr>
<td>Engineering</td>
<td>33</td>
</tr>
<tr>
<td>IDLO</td>
<td>3</td>
</tr>
</tbody>
</table>

### Type

<table>
<thead>
<tr>
<th>Type</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Learning disability</td>
<td>239</td>
</tr>
<tr>
<td>Attention &amp; concentration disorder</td>
<td>71</td>
</tr>
<tr>
<td>Chronic illness</td>
<td>41</td>
</tr>
<tr>
<td>Multiple functional limitation</td>
<td>37</td>
</tr>
<tr>
<td>Autism spectrum disorder</td>
<td>35</td>
</tr>
<tr>
<td>Psychiatric disorder</td>
<td>22</td>
</tr>
<tr>
<td>Functional movement disorder</td>
<td>13</td>
</tr>
<tr>
<td>Functional visual loss</td>
<td>7</td>
</tr>
<tr>
<td>Auditory function deficit</td>
<td>3</td>
</tr>
<tr>
<td>Other</td>
<td>16</td>
</tr>
</tbody>
</table>

*Reflex stands for reasonable flexibility, involving adjustments to teaching & examination regulations.*
VUB STUDENT REFUGEE PROGRAMME

<table>
<thead>
<tr>
<th>Country</th>
<th>Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>Syria</td>
<td>28</td>
</tr>
<tr>
<td>Iraq</td>
<td>15</td>
</tr>
<tr>
<td>Palestine</td>
<td>8</td>
</tr>
<tr>
<td>Afghanistan</td>
<td>5</td>
</tr>
<tr>
<td>Somalia</td>
<td>5</td>
</tr>
<tr>
<td>Jamaica</td>
<td>1</td>
</tr>
<tr>
<td>Kosovo</td>
<td>1</td>
</tr>
<tr>
<td>Myanmar</td>
<td>1</td>
</tr>
<tr>
<td>Iran</td>
<td>1</td>
</tr>
<tr>
<td>Venezuela</td>
<td>1</td>
</tr>
</tbody>
</table>

**PER FACULTY**

<table>
<thead>
<tr>
<th>Faculty</th>
<th>Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>Social Sciences &amp; Solvay Business School</td>
<td>29</td>
</tr>
<tr>
<td>Engineering</td>
<td>12</td>
</tr>
<tr>
<td>Medicine &amp; Pharmacy</td>
<td>8</td>
</tr>
<tr>
<td>Arts &amp; Philosophy</td>
<td>10</td>
</tr>
<tr>
<td>Science &amp; Bio-Engineering Sciences</td>
<td>7</td>
</tr>
</tbody>
</table>

**STUDY PROGRAMME:**

<table>
<thead>
<tr>
<th>Study Programme</th>
<th>Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelors</td>
<td>21</td>
</tr>
<tr>
<td>Masters</td>
<td>45</td>
</tr>
</tbody>
</table>

66 Refugee students

**30%** Female  **70%** Male

INCLUSIVE UNIVERSITY

INCAMPUS STUDENTS

**PREPARATORY PROJECT**

- 22 students

- **origin**
  - Syria: 16
  - Iraq: 2
  - Palestine: 3
  - Afghanistan: 1

- **Faculty**
  - Engineering: 3
  - Sciences & Bio-Engineering Sciences: 2
  - Social Sciences & Solvay Business School: 8
  - Medicine & Pharmacy: 5
  - Law & Criminology: 2
  - Arts & Philosophy: 2

- **Study Programme**
  - Bachelors: 10
  - Masters: 12

- **Language**
  - 10 English-taught
  - 12 Dutch-taught

**27%** Female  **73%** Male
INNOVATION IN EDUCATION

EDUCATION @VUB IS ENTREPRENEURIAL & AMBITIOUS

TRAINING STUDENTS ON

THE BIG 5
- becoming CRITICAL THINKING INDIVIDUALS
- participating in FREE INQUIRY
- being ENGAGED for a better society
- becoming WORLD CITIZENS
- being PREPARED FOR THEIR CAREER

21ST CENTURY SKILLS
- Complex problem solving
- Critical thinking
- Creativity
- People management
- Emotional intelligence
INNOVATION IN EDUCATION

NEW WAYS OF LEARNING

DUAL LEARNING
Konekt.brussels CONNECTS students with
- the world of work
- the international city Brussels

USE OF VIDEO IN BLENDED LEARNING
mix of in aula/distance learning
- 4,000 hours available on video
- 93,305 hours being watched

NEW
September 2017
Massive Open Online Course (MOOC)
@ University Library
- Basic course ‘information skills’
- Improve your research skills

May 2018
Children’s University
More than 100 children of the last year of primary education spent a day on the VUB Campus.
STUDY & TOP SPORT

2017 - 2018

- 86 STUDENT-ATHLETES
- 22 DIFFERENT SPORTS
- 8 FACULTIES

STUDY EFFICIENCY OF STUDENT-ATHLETES

- 80% Student-athletes
- vs.
- 73% Total student population

study efficiency = number of credits acquired
credits taken

IN THE PAST 31 YEARS, ‘TOP SPORT & STUDY’ COACHED:

- 991 student-athletes
- in 61 sports
- 24 Olympians

5 WORKSHOPS TO OPTIMIZE DUAL CAREER ‘TOP SPORT & STUDY’

1. DUAL CAREER COMPETENCY ASSESSMENT
2. DUAL CAREER MANAGEMENT
3. COPING & RESILIENCE
4. CAREER PLANNING
5. SOCIAL COMPETENCES
STUDY & TOP SPORT

WALL OF FAME

Ann Simons
Judo - Olympic Silver
Company Owner

Erica Coppey
Hockey - Olympian
Medical doctor

Jérôme Truyens
Hockey - Olympic Silver
Private banker

Nils Duerinck
Athletics – Olympian
Architect

Jürgen Roelandts
Cycling – Olympian
Alumnus Sport & Movement Sciences

Dirk Van Tichelt
Judo – Olympic Bronze
Alumnus Sport & Movement Sciences

Sebbe Godefroid
Sailing – Olympic Silver
Sailing coach & entrepreneur

Tom Vangeneugden
Swimming – Olympian
Retail Program Manager & Swimming Coach

FUTURE
June 2019: VUB launches dualcareertools.com platform as a result of the European B-WISER project 'Be a Winner in Elite sport and Employment before and after athletic Retirement'
STUDY & TOP SPORT

WALL OF FAME

Loick Luypaert
Hockey
Olympic Silver
World Champion
Student Sport & Movement Sciences

Johanne Monfret
Ballet dancing
Student Social Sciences

Antonia Delaere
Basketball
Student Psychology

Tim Declercq
Cycling
Student Sport & Movement Sciences

Florent Van Aubel
Hockey – Olympic Silver – World Champion
Student Communication Science

Louis Croenen
Swimming – Olympian
Student Sport & Movement Sciences

Yannick Lefèbvre
Sailing – Olympian
Alumnus Sport & Movement Sciences

Pieter Verhees
Volleyball
Alumnus Sport & Movement Sciences

Loranne Smans
Snowboard
Student Psychology
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.
ALUMNI AND THEIR PROFESSIONAL LIFE

WHERE THEY WORK

Consumer Goods
Engineering
Healthcare
HR
ICT
Marcom
Non Profit & Public Governance
Supply Chain Management
Creative, culture & Copy
Legal, Finance & Insurance
Educational Research

SOCIAL SCIENCES & SOLVAY BUSINESS SCHOOL
Total: 2,982

LAW & CRIMINOLOGY
Total: 2,684

ARTS & PHILOSOPHY
Total: 2,078

SCIENCES & BIO-ENGINEERING SCIENCES
Total: 1,890

MEDICINE & PHARMACY
Total: 1,855

ENGINEERING
Total: 1,748

PSYCHOLOGY & EDUCATIONAL SCIENCES
Total: 1,729

PHYSICAL EDUCATION & PHYSIOTHERAPY
Total: 1,215

Source: LinkedIn (based on 16,181 VUB alumni on LinkedIn)
INTERNATIONAL ALUMNI WHERE DO THEY COME FROM

A UNIQUE NETWORK FOR A SUSTAINABLE FUTURE

Source: Student Administration Center
BELGIAN ALUMNI GOING ABROAD

TOTAL: 2,220

Source: LinkedIn
VUB STAFF

3,391 EMPLOYEES

VUB/UZ Brussel biggest Dutch-speaking employer in Brussels

7,082

WORK

FULL-TIME
1,918 57%

PART-TIME
1,473 43%

DEGREE

FROM BELGIUM
2,726 80%

FROM EUROPEAN CONTINENT
449 13%

OTHER
216 7%

NATIONALLY

FROM BELGIUM
2,726 87%

FROM EUROPEAN CONTINENT
449 13%

OTHER
216 7%

53% Male

47% Female

VUB DEGREE
1,448 43%

OTHER UNIVERSITY/ACADEMIC DEGREE
1,943 57%
<table>
<thead>
<tr>
<th>Age Range</th>
<th>VUB Staff</th>
<th>% of Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>20-29</td>
<td>1,318</td>
<td>38.9%</td>
</tr>
<tr>
<td>30-39</td>
<td>487</td>
<td>14.4%</td>
</tr>
<tr>
<td>40-49</td>
<td>829</td>
<td>24.4%</td>
</tr>
<tr>
<td>50-59</td>
<td>478</td>
<td>14.1%</td>
</tr>
<tr>
<td>60+</td>
<td>249</td>
<td>7.3%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Years of Service</th>
<th>VUB Staff</th>
<th>% of Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt;5</td>
<td>695</td>
<td>20.5%</td>
</tr>
<tr>
<td>5-10</td>
<td>1,033</td>
<td>30.5%</td>
</tr>
<tr>
<td>10-20</td>
<td>677</td>
<td>20%</td>
</tr>
<tr>
<td>20-30</td>
<td>657</td>
<td>19.3%</td>
</tr>
<tr>
<td>&gt;30</td>
<td>329</td>
<td>9.7%</td>
</tr>
</tbody>
</table>

Unknown: 30
Female tenured academic staff (ZAP): 29%

VUB short term goal: at least 33% women.

GENDER BIAS IN ACADEMIC CAREER

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

WOMEN IN LEADING POSITIONS

ACADEMIC STAFF

2,232

872 FEMALE
39%

1,361 MALE
61%

STAFF & GENDER

GENDER BIAS IN ACADEMIC CAREER

Female tenured academic staff (ZAP): 29%
VUB short term goal: at least 33% women.
STAFF & GENDER

SUPPORT STAFF
1,158

FEMALE
714
63%

MALE
444
37%

GENDER IN GOVERNING ENTITIES

Student council: 63% women
University council: 39% women
Management committee: 50% women
Academic council: 31% women
UZ Brussel board of directors: 26% women
Committee of directors: 63% women
Research council: 50% women
Education council: 44% women
Innovation and valorisation council: 33% women
International policy council: 47% women
RESEARCH

ERC GRANTS 2017-2018
11 ongoing
- 6 Starting
- 1 Consolidator
- 2 Advanced
- 2 VIB-VUB - Consolidator's thesis

Total research budget 2018
€97,650,000
131
Research groups
3,106 Publications

- 11 ongoing
- 6 Starting
- 1 Consolidator
- 2 Advanced
- 2 VIB-VUB - Consolidator's thesis

11.5% revenue from cooperation with private sector
18% own research budget
33% budget Flemish government for fundamental research
37.5% project financing by governments

131
Total research budget 2018
Research groups
3,106 Publications

- 11 ongoing
- 6 Starting
- 1 Consolidator
- 2 Advanced
- 2 VIB-VUB - Consolidator's thesis

11.5% revenue from cooperation with private sector
18% own research budget
33% budget Flemish government for fundamental research
37.5% project financing by governments

Total research budget 2018
Research groups
3,106 Publications

- 11 ongoing
- 6 Starting
- 1 Consolidator
- 2 Advanced
- 2 VIB-VUB - Consolidator's thesis

11.5% revenue from cooperation with private sector
18% own research budget
33% budget Flemish government for fundamental research
37.5% project financing by governments
Wtnschp Science Outreach
- Wtnschp.be
  - 49,810 unique visitors

Dag Van de Wetenschap
- 1,500 visitors
- 30 activities

Wetenschapswinkel
- Helping +500 non-profit organizations
- 200th Masters’ Thesis in 2017

CITIZEN SCIENCE PROJECT
‘Oog voor diabetes’

SCIENCE BAR BRUSSELS
- 50 visitors

BRIGHT CLUB BXL’S
- 125 visitors
- 6 scientists

CHILDREN’S UNIVERSITY
1st edition May 2018
- 310 children
- 25 teachers
23 workshops
9 researchers developed a workshop
DOCTORAL SCHOOLS

3 Doctoral Schools

- Human Sciences
- Life Sciences
- Natural Sciences & (Bio-Science) Engineering
  - 157 Certificates
  - 163 workshops & events
  - 65 in cooperation with other universities

Doctoral Students: 1,754

- 53% Male
- 47% Female

Doctorates: 253

- 53% Male
- 47% Female

- 132 Belgian
- 121 International

Doctorates & gender by faculty 2018

- Interdisciplinary: 50% Male, 50% Female
- Social Sciences & Solvay Business School: 50% Female
- Medicine & Pharmacy: 57.4% Female
- Engineering: 78% Male
- Arts & Philosophy: 55.6% Female

- Physical Education & Physiotherapy: 50% Male, 50% Female
- Psychology & Educational Sciences: 87.5% Female
- Law & Criminology: 23.1% Male
- Sciences & Bio-Engineering Sciences: 62.3% Male

1st VUB PhD Cup in 2018

Translating research into a short message that can be understood by a wide audience
**INNOVATION**

**VUB TECHTRANSFER**
**CONNECTING SCIENCE & SOCIETY**

**VICE-RECTORATE INNOVATION & INDUSTRY RELATIONS**
assists in interaction with industry and society
legal issues, contracts, patenting, business development, communication, etc.

**SPIN-OFF COMPANIES**
The VUB has 34 active spin-offs in many domains
2 new spin-offs in 2018

**INDUSTRIAL RESEARCH FUND 2018**
supporting 16 TOP research groups

**PATENTS 2018**
- active patent families: 142
- inventions reported: 38
- new patents filed: 24

**VUB SUPPORTS UZ BRUSSEL**
as pioneer and world player
in valorising their knowledge, discoveries and technologies

**+20 years of starter seminars**
pioneer in bringing business management and (technology) entrepreneurship to researchers.

**+1.000 participants**
VUB. EVERY DONATION RETURNS

VUB Foundation raises philanthropical funds for the university to help finance research, innovation & education.

TOTAL REVENUE €2,798,719

17% Overhead €475,782

Net Revenue €2,322,937

How we grow thanks to your support

- Donations for projects & initiatives of faculties €317,338
- Legacies €467,635
- Chairs €1,365,185
- Sponsorships €185,262
- Funds by name €463,299

32 Active Chairs

5 new Funds by name in 2017-2018
ACADEMIA MEETS SOCIETY

96 Fellows
- 37 new Fellows last year

63 Honorary Fellows

FELLOWS IMPROVE
- Quality of research & education
- Employability of our graduates
- Capacity for innovation & competitiveness

FELLOWS
- Top company leaders
- Visionary politicians & decision makers
- Leaders of civil society organizations
- Artists

THROUGH ACTIVITIES
- (Inter)national student internships
- Networking events
- Guest lectures
- Cultural enrichment
- Company visits
- Master thesis guidance
- Support of research
- Influencers' role
UZ BRUSSEL UNIVERSITY HOSPITAL

3,691 Staff members

396,234 consultations
31,501 hospitalisations
17,396 planned hospitalisations
29,684 day hospitalisations

28.9% Support
15.8% Medical
13.1% Paramedics & Pharmacy
39.4% Nursing Staff
2.8% Other

TOP 5 of non Belgian patients

United Arab Emirates 129
The Netherlands 255
Romania 146
Morocco 154
France 163

407 Advanced Master students in specialized medicine in 2016

+27% in 5 years

2017: 40 years UZ Brussel
10 RESEARCH CLUSTERS
- Development, Ageing and Pathology
- Diabetes, Transplantation & Pathology
- Liver & Cell Biology and Toxicology
- Medical Imaging & Physical Sciences
- Neurosciences
- Oncology Research Centre
- Pharmaceutical Research and Data Technology
- Public Health
- Reproduction, Genetics and Regenerative Medicine
- Research Center for Cardiovascular Diseases

523 Clinical Research Files
@Medical Ethics Commission  +20% in 2018

1,006 publications in 2018 UZ Brussel & Faculty Medicine & Pharmacy
UZ BRUSSEL AS PIONEER

**CANCER**
- 1st Radixact treatment worldwide & Innovative immunotherapy
- Precision reads tumor DNA
- Shorter/personalized breast cancer treatment

**DIABETES**
- Sophisticated tools & integrated care of type 1 diabetes
- mHealth - telemonitoring - and Robo-cure for children

**LYMPH EDEMA**
Lymph clinic treats forgotten patients after cancer treatment

**HEART**
- Innovative CT-scan can prevent invasive surgery in cathlab
- 44 wireless pacemakers paid by UZ Brussel

**BLOOD TRANSFUSION**
IT team UZ Brussel develops App to scan blood for transfusion

**FERTILITY**
Oncofertility assures fertility of cancer patient after treatment

**SURGERY TECHNIQUES**
- Hololens brings augmented reality in the surgery room
- 1st Belgian hospital to use computer assisted technology for back surgery
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.

3,257 staff
2,689 flights = 2,700 ton CO₂ eq.

VUB Sustainability Goal
CO₂ compensation for flights

A SUSTAINABLE UNIVERSITY

VUB ELSENE SIMILAR ZONE

<table>
<thead>
<tr>
<th>MOBILITY CAMPUS IN ELSENE</th>
<th>VUB ELSENE</th>
<th>SIMILAR ZONE</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAR</td>
<td>18.4 %</td>
<td>56.2 %</td>
</tr>
<tr>
<td>CARPOOL</td>
<td>0.4 %</td>
<td>3.1 %</td>
</tr>
<tr>
<td>MOTORBIKE</td>
<td>0.5 %</td>
<td>1.7 %</td>
</tr>
<tr>
<td>TRAIN</td>
<td>51.4 %</td>
<td>20.1 %</td>
</tr>
<tr>
<td>OTHER PUBLIC TRANSPORT</td>
<td>19.7 %</td>
<td>13.4 %</td>
</tr>
<tr>
<td>BIKE</td>
<td>6.2 %</td>
<td>1.2 %</td>
</tr>
<tr>
<td>ON FOOT</td>
<td>3.3 %</td>
<td>4.1 %</td>
</tr>
</tbody>
</table>

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

These are 2017 statistics. This survey is done every 3 years.
THE USE OF PAPER HAS GONE DOWN BY 58% IN 12 YEARS

USE OF PAPER

Types of paper used
- Virgin paper
  FSC labelled and of 100% CO₂ neutral production
- Recycled paper
  100% post-consumer, containing only old paper

USE OF WATER

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

40x

NUMBER OF PRINTED BROCHURES DECREASED FROM 2,276 IN 2012 TO 954 IN 2014

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.

1/6 WASTE

In two years, the amount of waste at Campus Elsene 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

GAS

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

#### RESTAURANT

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>STAFF</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>STUDENTS</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<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>
<td>117,044</td>
<td></td>
</tr>
</tbody>
</table>

### CONSUMPTION BASED ON TYPE OF MENU

1. Daily special 50%
2. Vegetarian 16%
3. Fish 16%
4. Pasta bar 10%
5. Stir fry 6%
6. Cold dish 2%

### MOST POPULAR DISHES

> (540-580 servings a day)

1. Vol-au-vent
2. Beef stew
3. Steak
4. Meatballs in tomato sauce
5. Doner kebab

### MOST POPULAR VEGETARIAN DISHES

> (200-250 servings a day)

1. Vegan spaghetti bolognese
2. Vegan tacos
3. Veggie student burger
4. Thai falafel
5. Stuffed peppers

1 daily vegetarian dish

1 daily vegan dish

All fish MSC/ASC-certified
SUSTAINABLE UNIVERSITY

RESTAURANT

NON-RECOVERABLE FOOD WASTE PER WEEK

<table>
<thead>
<tr>
<th>Category</th>
<th>March</th>
</tr>
</thead>
<tbody>
<tr>
<td>Meat/Fish</td>
<td>28.75 kg</td>
</tr>
<tr>
<td>Vegetables (Hot)</td>
<td>28.15 kg</td>
</tr>
<tr>
<td>Vegetables (Cold)</td>
<td>21 kg</td>
</tr>
<tr>
<td>Cereals and Potatoes</td>
<td>27.2 kg</td>
</tr>
<tr>
<td>Sauces</td>
<td>56.6 kg</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>161.7 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: 540,000
- Cafeteria/catering napkins: 190,000
SUSTAINABLE UNIVERSITY

RESTAURANT

YEARLY PURCHASE IN KG

- **31,000**
  - Fresh: 52,000
    - Organic, frozen: 18,000
    - Non-organic, frozen: 9,000
  - Organic, frozen: 18,000
  - Non-organic, frozen: 9,000

- **79,000**
  - Fries: 34,000
    - Potatoes: 5,800
    - Mashed potatoes: 5,000
    - Rice: 5,200
  - Pasta: 12,000

- **45,000**
  - Beef: 2,500
  - Pork: 9,000
  - Poultry/rabbit: 10,000

- **21,500**

- **9,200**

PORTIONS PER SERVING

- Meat: 150g
- Vegetables: 200g
- Fish: 175g

FAIRTRADE PRODUCTS

- Bio Fairtrade coffee: 960 kg a year
- Oxfam juices: 2,900 1L bottles a year
- Oxfam juices: 2,600 0.2L bottles a year
- 675 bags fairtrade chips

Local farmers sell products on campus since 2017

EXPERIMENTS

MORE FRUIT EXPERIMENT

Testing the effect of nudges on fruit purchase

Experiment based on the renewed Flemish Food Triangle