VUB 2019-2020
A BIRD’S EYE VIEW OF OUR UNIVERSITY
A BIRD’S EYE VIEW OF OUR UNIVERSITY
FACTS AND FIGURES

Everything you wanted to know about Vrije Universiteit Brussel. Our place in Brussels and the broader international context. Where we stand in global rankings. Our history and milestones: the basis for our values today. Who our students are, where they come from and what they are studying. How our alumni find their place on the job market. Academic and supporting staff: they are there for you every day. How our campuses not only grow but become futureproof. Which budgets finance leading research and what the results are. How innovation leads to patents, entrepreneurship and successful spin-offs. Where our university hospital UZ Brussel is and what pioneering science is carried out there. We continue to work together towards a sustainable university, committed to a better society.
#WEAREVUB .............................................................................................................. 5
BRUSSELS: EASY ACCESS ...................................................................................... 6
BRUSSELS: BEATING HEART OF EUROPE ................................................................. 8
BRUSSELS: OUR LIVING LAB .................................................................................. 9
NETWORK ............................................................................................................. 11
RANKINGS ........................................................................................................... 15
QS WORLD UNIVERSITY RANKINGS ................................................................. 16
HISTORY ............................................................................................................... 17
#WEAREVUB ......................................................................................................... 19
CAMPUSES ........................................................................................................... 21

STUDENTS & EDUCATION .................................................................................... 25
STUDENTS ........................................................................................................... 26
STUDENTS BY FACULTY ..................................................................................... 29
INTERNATIONAL STUDENTS ............................................................................. 30
EXCHANGE STUDENTS ....................................................................................... 31
STUDENT HOUSING ............................................................................................ 33
INCLUSIVE UNIVERSITY ........................................................................................ 36
INNOVATION IN EDUCATION .............................................................................. 41
COVID-19 ............................................................................................................ 50
STUDY & TOP SPORT ............................................................................................ 52

VUB-ALUMNI ......................................................................................................... 57
ALUMNI AND THEIR PROFESSIONAL LIFE .......................................................... 58
INTERNATIONAL ALUMNI: WHERE DO THEY COME FROM? ......................... 61
BELGIAN ALUMNI GOING ABROAD ................................................................... 62

VUB-STAFF ............................................................................................................ 63
VUB STAFF .......................................................................................................... 64
STAFF & GENDER ................................................................................................. 65

RESEARCH & INNOVATION .................................................................................... 66
EXCELLENT SCIENCE INNOVATION LEADER ..................................................... 67
RESEARCH BUDGET ............................................................................................... 70
HIGH LEVEL RESEARCH PUBLICATIONS ......................................................... 75
SCIENCE OUTREACH ............................................................................................ 77
DOCTORAL TRAINING PROGRAMMES ................................................................. 78
JOINT PHDs .......................................................................................................... 79
INNOVATION: CONNECTING SCIENCE AND SOCIETY ...................................... 82
INNOVATION & EU PROJECTS ............................................................................. 84
VUB: EVERY DONATION RETURNS ...................................................................... 87
CONNECTING ACADEMIA AND SOCIETY .......................................................... 91
DOCTOR HONORIS CAUSA .................................................................................... 92

UZ BRUSSEL, UNIVERSITY HOSPITAL ................................................................ 96
UZ BRUSSEL UNIVERSITY HOSPITAL .................................................................. 97
UZ BRUSSEL & FACULTY MEDICINE & PHARMACY ......................................... 99
UZ BRUSSEL AS PIONEER .................................................................................... 101

#THEWORLDNEEDSYOU .................................................................................... 102
SUSTAINABLE UNIVERSITY .................................................................................. 103
VUB EQUALITY ACTION PLAN ........................................................................... 110
COMPASSIONATE UNIVERSITY ........................................................................... 112
COVID-19 ............................................................................................................ 114

FINANCES ............................................................................................................. 115
BALANCE SHEET VUB 2019 .................................................................................. 116
PROFILE AND LOSS STATEMENT VUB 2019 ...................................................... 118
“VRIJE UNIVERSITEIT BRUSSEL IS AN INTERNATIONALLY ORIENTED UNIVERSITY IN BRUSSELS, THE HEART OF EUROPE. BY PROVIDING EXCELLENT RESEARCH AND EDUCATION ON A HUMAN SCALE, VUB WANTS TO MAKE AN ACTIVE AND COMMITTED CONTRIBUTION TO A BETTER SOCIETY.”

Caroline Pauwels, Rector VUB
#WEAREVUB
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 minutes</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

- > 1.2 million inhabitants
- 30% of foreign origin
- 108 languages

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

• > 2,000 international institution headquarters

• International decision-making centre
• EU & NATO headquarters
• 1st city in Europe for conferences
• Largest diplomatic community in Europe

• 4th most important business city in Europe
Welcoming policy for international students
Individual and group study coaching

City becomes classroom
Connecting students, Brussels & the professional world
2018: 1st weKONEKT week in Brussels

* ULB = Université Libre de Bruxelles
** UZ Brussel = University hospital, ‘Universitair Ziekenhuis Brussel’
VUB China Network

395 agreements with 260 partner universities for student exchange. 180 MoUs with 143 partner institutions

Grupo Coimbra Brasil

University Centre for Development Cooperation (UCOS)

International Migration, Integration and Social Cohesion in Europe (IMISCOE)

Brussels Academy for China and European Studies (BACES)

Top Industrial Managers for Europe (T.I.M.E.)

Network of Universities from the Capitals of Europe (UNICA)

Alliance with Ghent University

Scholars at Risk

University Association Brussels (UAB)

European University Association (EUA)

EU university network EUTOPIA

Brussels University Alliance

European University Association (EUA)
“I’M PROUD THAT THE VRIJE UNIVERSITEIT BRUSSEL, WITH FIVE OTHER AMBITIOUS EUROPEAN UNIVERSITIES IN THE EUTOPIA ALLIANCE, HAS BEEN CHOSEN BY THE EUROPEAN COMMISSION AS ONE OF THE PILOT PROJECTS FOR DEVELOPING A ‘EUROPEAN UNIVERSITY’.”

Caroline Pauwels, Rector VUB, 26 June 2019
“QS WORLD UNIVERSITY RANKINGS® HAS VUB AMONG THE 18% BEST UNIVERSITIES WORLDWIDE. WORLD UNIVERSITY RANKING (WUR) PLACES THE VUB IN THE ELITE TOP 200 BASED ON RESEARCH, EDUCATION, EMPLOYER REPUTATION AND INTERNATIONAL ORIENTATION. TIMES HIGHER EDUCATION (THE) WORLD UNIVERSITY RANKINGS HAS THE VUB AMONG THE 6% BEST UNIVERSITIES WORLDWIDE. WITH MULTIRANK, YOU CAN COMPARE HIGHER EDUCATION INSTITUTIONS ACCORDING TO YOUR INTERESTS. INDICATORS SUCH AS EDUCATION, RESEARCH, KNOWLEDGE TRANSFER, INTERNATIONAL ORIENTATION AND REGIONAL ENGAGEMENT TRANSLATE INTO 10 ‘A’ SCORES.”

Romain Meeusen,
Vice-rector Internationalisation VUB
RANKINGS 2019

VUB is in the top 18% best universities worldwide

42 of 120 in

195 of 1,002 in
77 places higher than in 2005

VUB is in the top 6% of 1,396 in

201-250 of 1,396 in
VUB is in the top 6%
U-MULTIRANK
Multidimensional ranking and comparison tool of higher education institutions. Every user – student, researcher, decision maker - can create their own mixture of performance indicators across five dimensions:

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

U-Multirank visualises the results with sunbursts. Each ‘ray’ represents one of the 30-plus U-Multirank indicators. The longer the ray, the better the performance of an institution on the selected indicator.

VUB’s overall profile for 2019 shows top performance across various indicators, with 10 ‘A’ (very good) scores overall.

---

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.
IN 2019-2020 WE CELEBRATED

185 years Together
50 years Single

2019
1830
* Belgium

1834
* ULB, University in Brussels, French spoken

1963
All ULB faculties offer courses in Dutch

1970
* VUB independent, with full programmes in Dutch

2011
* Brussels University Alliance (VUB-ULB)

2019

The world needs you

2020-2021
ACADEMIC OPENING
2019-2020:
Celebrating 185 years of VUB-ULB and 50 years of VUB at Jubelpark (Cinquantenaire), Brussels
“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 BETEKENT HET EINDE VAN ALLE DENKEN.”

Henri Poincaré (1854-1912)
- St V added to the list of Cultural Heritage Brussels
- Alumni association OSB celebrates 50 years of VUB with anniversary book
FUTURE INVESTMENTS IN ELSENE

• 2023 Learning & Innovation Center (VUB-ULB) ICT Science & Technology Park (VUB-ULB)
  study & recreation facilities

• 2025 Usquare (VUB-ULB)
  research groups incubators FABLAB +/- 600 student rooms

FUTURE INVESTMENTS IN JETTE

• Theodoortje (Children’s campus)
• Research building L

2019-2020:
* Opening new XIY building & 650 student rooms
* Opening new cultural hotspot PILAR
* Renovation/conservation Braem building

Brussels Humanites, Sciences & Engineering Campus
Brussels Health Campus
Brussels Usquare Campus
Brussels Photonics Campus
Brussels City Campus
Campuses Oranjerie & COOVI

* Theodoortje (Children’s campus)
* Research building L

2019-2020:
* Opening new XIY building & 650 student rooms
* Opening new cultural hotspot PILAR
* Renovation/conservation Braem building

Central area: Jette, Brussel, Diest, Leuven & Anderlecht
Renovation and conservation of Braem building with new open-plan offices.
Usquare will become a thriving international student district. A place where students, researchers and professors from Belgium and abroad and Brussels residents meet and develop innovative ideas.
“ACCORDING TO THE QS BEST STUDENT CITIES, STUDENTS RATE BRUSSELS AS THE 42ND BEST STUDENT CITY FOR ITS INTERNATIONAL STUDENT MIX, ATTRACTIVENESS AND AFFORDABILITY. ON THE GREEN CAMPUSES YOU CAN ENJOY RESEARCH-DRIVEN EDUCATION IN SMALL GROUPS: 149 STUDY PROGRAMMES, 51 OF WHICH ARE IN ENGLISH. 23.5% OF OUR STUDENT POPULATION IS INTERNATIONAL WITH 145 DIFFERENT NATIONALITIES. ”

Romain Meeusen,
Vice-rector Internationalisation VUB
STUDENTS 2019-2020

12.4% FIRST-TIME UNIVERSITY STUDENTS
2,365

9,687 students


VUB + EHB (ERASMUS+GOESCHOOL BRUSSEL): 25,779 STUDENTS

19,156 students *

149 STUDY PROGRAMMES
51 ENGLISH-TAUGHT, 98 DUTCH-TAUGHT

ENROLMENTS IN STUDY PROGRAMMES

<table>
<thead>
<tr>
<th>Level</th>
<th>Enrollments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelors</td>
<td>7,761</td>
</tr>
<tr>
<td>Masters</td>
<td>5,649</td>
</tr>
<tr>
<td>Advanced masters</td>
<td>828</td>
</tr>
<tr>
<td>PhD</td>
<td>1,883</td>
</tr>
<tr>
<td>Postgraduates</td>
<td>170</td>
</tr>
<tr>
<td>Teacher training</td>
<td>330*</td>
</tr>
<tr>
<td>Preparation courses</td>
<td>2,147</td>
</tr>
<tr>
<td>Other (credit students, Erasmus students ...)</td>
<td>2,152</td>
</tr>
</tbody>
</table>

Total of all study programmes is not = # students

* strong growth due to inclusion of Educational Master
Opening of the greatest campus expansion in VUB history.
With this 33,100m² project, VUB creates added value for everyone visiting or staying at the campus. Its unique structure and location unlock the campus and create an open link between VUB and its surroundings.
The new XY building includes 650 modern student homes. The state-of-the-art classrooms of the sustainable I building are equipped for new learning models.
## Students by Faculty

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Social Sciences &amp; Solvay Business School</strong></td>
<td>4,720 students</td>
<td>+15%</td>
<td>+30%</td>
<td>1,397 students</td>
</tr>
<tr>
<td></td>
<td>842 first-time university students</td>
<td>+9%</td>
<td>+17%</td>
<td>145 first-time university students</td>
</tr>
<tr>
<td></td>
<td>30% international</td>
<td></td>
<td></td>
<td>18% international</td>
</tr>
<tr>
<td><strong>Arts &amp; Philosophy</strong></td>
<td>1,397 students</td>
<td></td>
<td></td>
<td>18% international</td>
</tr>
<tr>
<td><strong>Law &amp; Criminology</strong></td>
<td>2,382 students</td>
<td>+9%</td>
<td>+60%</td>
<td>1,746 students</td>
</tr>
<tr>
<td></td>
<td>365 first-time university students</td>
<td>+5%</td>
<td>+15%</td>
<td>233 first-time university students</td>
</tr>
<tr>
<td></td>
<td>8.5% international</td>
<td></td>
<td></td>
<td>31% international</td>
</tr>
<tr>
<td><strong>Sciences &amp; Bio-Engineering Sciences</strong></td>
<td>1,746 students</td>
<td></td>
<td></td>
<td>40% international</td>
</tr>
<tr>
<td><strong>Medicine &amp; Pharmacy</strong></td>
<td>2,267 students</td>
<td>+7%</td>
<td>+12%</td>
<td>1,404 students</td>
</tr>
<tr>
<td></td>
<td>206 first-time university students</td>
<td>+4%</td>
<td>-1%</td>
<td>173 first-time university students</td>
</tr>
<tr>
<td></td>
<td>15% international</td>
<td></td>
<td></td>
<td>38% international</td>
</tr>
<tr>
<td><strong>Engineering</strong></td>
<td>1,404 students</td>
<td></td>
<td></td>
<td>23% international</td>
</tr>
<tr>
<td><strong>Psychology &amp; Educational Sciences</strong></td>
<td>2,048 students</td>
<td>+6%</td>
<td>+26%</td>
<td>1,073 students</td>
</tr>
<tr>
<td></td>
<td>248 first-time university students</td>
<td>+6%</td>
<td>+40%</td>
<td>215 first-time university students</td>
</tr>
<tr>
<td></td>
<td>11% international</td>
<td></td>
<td></td>
<td>8% international</td>
</tr>
<tr>
<td><strong>Physical Education &amp; Physiotherapy</strong></td>
<td>1,073 students</td>
<td></td>
<td></td>
<td>47% international</td>
</tr>
<tr>
<td><strong>Other</strong></td>
<td>2,488 students (for example Teacher Training MILO (Multidisciplinair Instituut Lerarenopleiding))</td>
<td></td>
<td></td>
<td>53% international</td>
</tr>
</tbody>
</table>

**Gender Distribution**

- **Social Sciences & Solvay Business School**
  - Women: 52%, Men: 48%

- **Arts & Philosophy**
  - Women: 60%, Men: 40%

- **Law & Criminology**
  - Women: 67%, Men: 33%

- **Sciences & Bio-Engineering Sciences**
  - Women: 40%, Men: 60%

- **Medicine & Pharmacy**
  - Women: 65%, Men: 35%

- **Engineering**
  - Women: 23%, Men: 77%

- **Psychology & Educational Sciences**
  - Women: 82%, Men: 18%

- **Physical Education & Physiotherapy**
  - Women: 47%, Men: 53%

**Student Numbers**

2,488 students (for example Teacher Training MILO (Multidisciplinair Instituut Lerarenopleiding))
INTERNATIONAL STUDENTS

145 NATIONALITIES

4,494 INTERNATIONAL STUDENTS

EEA countries: 2,118 (47.1%)
NON-EEA countries: 2,376 (52.9%)

INTERNATIONAL STUDENTS IN STUDY PROGRAMMES

Bachelors: 863 (11.1%)
Masters: 1,533 (27.1%)
Advanced masters: 170 (20.5%)
PhD: 973 (51.7%)
Other: 1,362 (27.5%)

CHINA: 328 (7.3%)
SYRIA: 81 (1.8%)
INDIA: 123 (2.8%)
TURKEY: 108 (2.4%)
IRAN: 132 (2.9%)
THE NETHERLANDS: 563 (12.6%)
GERMANY: 228 (5.1%)
FRANCE: 135 (3.0%)
SPAIN: 206 (4.6%)
ITALY: 248 (5.5%)

TOP 5 EEA* COUNTRIES

TOP 5 NON-EEA COUNTRIES

* EEA: European Economic Area
EXCHANGE STUDENTS

2019-2020 INCOMING STUDENTS
325 students 6.5% growth
39 countries
26 EEA - 13 NON-EEA countries

TOP 5 INCOMING COUNTRIES
1. ITALY 55
2. SPAIN 47
3. CHINA 25
4. GERMANY 19
5. PALESTINE 13

TOP 5 OUTGOING COUNTRIES
1. SPAIN 37
2. GERMANY 35
3. FRANCE 18
4. SWITZERLAND 15
5. ITALY 14

2019-2020 OUTGOING STUDENTS
271 students 6.3% decline
34 countries
24 EEA - 10 NON-EEA countries

EBELGICA (ERASMUS BELGICA)
14 incoming students
3 outgoing students
43% 57%
33% 67%

* for incoming as well as outgoing exchanges (internships, studies) some were cut short due to the coronavirus

EEA: European Economic Area
The number of students at the VUB is growing constantly. +600 NEW ROOMS are under construction at USQUARE (VUB-ULB).
STUDENT HOUSING

1,540 VUB ROOMS

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

NEW IN 2019
XY COMPLEX

JETTE
246 rooms

ELSENE
1,294 rooms

OCCUPATION
23.6% international students

U-residence
95 ROOMS

INTERNATIONAL STUDENTS

64 LONG-STAY STUDIOS

BELGIAN STUDENTS

31 SHORT-STAY ROOMS

2025
UNDER CONSTRUCTION
+ 600 NEW ROOMS
USQUARE (VUB-ULB)
Opening of PILAR House for Art & Science, the new cultural hotspot in Brussels which includes a multi-purpose concert hall, exhibition spaces and a bar.
PROJECT: XIV

Costs: €55 million
Total surface: 33,100 m²

20,400 m² student housing
2,400 m² culture & leisure
3,500 m² education
6,800 m² underground parking
**INCLUSIVE UNIVERSITY**

**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 - REPORT IT**
- ‘Unwanted and inappropriate behaviour’: report it!
- For students & staff

**EQUALITY ACTION PLAN 2018-2019**
- For students & staff

---

**VUB WAS ONE OF THE FIRST UNIVERSITIES TO WELCOME WORKING STUDENTS**

- **17.1% SCHOLARSHIP STUDENTS**
  - 3,266
- **24.8% WORKING STUDENTS**
  - 4,746

- **46.4% WITH PERSONALISED STUDY TRAJECT**
  - 2,230

* new measuring method since 2018-2019

---

**Students appreciate education at VUB**

**EDUCATION SURVEY 2018-2019**

- 74.27% are ‘rather satisfied, satisfied or very satisfied’

- **very satisfied: 11.8%**
- **satisfied: 35.12%**
- **rather satisfied: 27.35%**

- **rather unsatisfied: 6.7%**
- **unsatisfied: 4.02%**
- **very unsatisfied: 1.07%**

- **neutral: 13.94%**

* Education Survey in 2019-2020 due to COVID-19
“VUB WAS ONE OF THE FIRST UNIVERSITIES TO WELCOME WORKING STUDENTS. IN 2019, THE EDUCATION ON OFFER FOR WORKING STUDENTS IS STILL IN PROGRESS. IN THE PAST, VUB SAW MAINLY WORKING STUDENTS WHO DID NOT HAVE A HIGHER EDUCATION DIPLOMA. TODAY, MOST WORKING STUDENTS ALREADY HAVE A DEGREE. THEY WANT AN ADDITIONAL MASTER’S DEGREE TO MOVE UP THE LADDER. BUT MORE STUDENTS ALSO WANT TO CHANGE DIRECTION IN THEIR LIVES AND TAKE A MASTER’S DEGREE WITH US IN A COMPLETELY NEW AREA. THE VUB IS THINKING MORE ABOUT FOCUSING ON MASTER’S PROGRAMMES BECAUSE MORE AND MORE INCOMING WORKING STUDENTS ALREADY HAVE A DEGREE. MORE ATTENTION IS ALSO PAID TO BLENDED LEARNING.”

Jan Danckaert,
Vice-rector Education & Student Policy VUB
# 691 Students with Reflex* Status

## PER FACULTY

<table>
<thead>
<tr>
<th>Faculty</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Social Sciences &amp; Solvay Business School</td>
<td>129</td>
</tr>
<tr>
<td>Psychology &amp; Educational Sciences</td>
<td>126</td>
</tr>
<tr>
<td>Law &amp; Criminology</td>
<td>113</td>
</tr>
<tr>
<td>Medicine &amp; Pharmacy</td>
<td>83</td>
</tr>
<tr>
<td>Arts &amp; Philosophy</td>
<td>77</td>
</tr>
<tr>
<td>Sciences &amp; Bio-Engineering Sciences</td>
<td>64</td>
</tr>
<tr>
<td>Engineering</td>
<td>51</td>
</tr>
<tr>
<td>Physical Education &amp; Physiotherapy</td>
<td>48</td>
</tr>
</tbody>
</table>

## TYPE

<table>
<thead>
<tr>
<th>Type</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Learning disability</td>
<td>319</td>
</tr>
<tr>
<td>Attention &amp; concentration disorder</td>
<td>114</td>
</tr>
<tr>
<td>Chronic illness</td>
<td>75</td>
</tr>
<tr>
<td>Autism spectrum disorder</td>
<td>58</td>
</tr>
<tr>
<td>Multiple functional limitation</td>
<td>46</td>
</tr>
<tr>
<td>Psychiatric disorder</td>
<td>36</td>
</tr>
<tr>
<td>Functional visual loss</td>
<td>10</td>
</tr>
<tr>
<td>Functional movement disorder</td>
<td>7</td>
</tr>
<tr>
<td>Auditory function deficit</td>
<td>4</td>
</tr>
<tr>
<td>Other</td>
<td>22</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>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Palestine</td>
<td>9</td>
</tr>
<tr>
<td>Syria</td>
<td>9</td>
</tr>
<tr>
<td>Iraq</td>
<td>4</td>
</tr>
<tr>
<td>Afghanistan</td>
<td>2</td>
</tr>
<tr>
<td>Turkey</td>
<td>2</td>
</tr>
<tr>
<td>Cameroon</td>
<td>2</td>
</tr>
<tr>
<td>Armenia</td>
<td>1</td>
</tr>
<tr>
<td>Eritrea</td>
<td>1</td>
</tr>
<tr>
<td>Iran</td>
<td>1</td>
</tr>
<tr>
<td>Libya</td>
<td>1</td>
</tr>
<tr>
<td>Nigeria</td>
<td>1</td>
</tr>
<tr>
<td>Russia</td>
<td>1</td>
</tr>
</tbody>
</table>

### Per Faculty

<table>
<thead>
<tr>
<th>Field</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Social Sciences &amp; Solvay Business School</td>
<td>22</td>
</tr>
<tr>
<td>Engineering</td>
<td>6</td>
</tr>
<tr>
<td>Medicine &amp; Pharmacy</td>
<td>3</td>
</tr>
<tr>
<td>Science &amp; Bio-Engineering Sciences</td>
<td>1</td>
</tr>
<tr>
<td>Arts &amp; Philosophy</td>
<td>2</td>
</tr>
</tbody>
</table>

### Study Programme

<table>
<thead>
<tr>
<th>Level</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bachelors</td>
<td>14</td>
</tr>
<tr>
<td>Masters</td>
<td>20</td>
</tr>
</tbody>
</table>

### Language

<table>
<thead>
<tr>
<th>Type</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>English-taught</td>
<td>29</td>
</tr>
<tr>
<td>Dutch-taught</td>
<td>5</td>
</tr>
</tbody>
</table>

34 Refugee students

29.4% Female
70.6% Male

## Incampus Students

Preparatory Project

- 15 students
- Origin
  - Syria: 10
  - Palestine: 3
  - Afghanistan: 1
  - Iraq: 1
- Faculty
  - Social Sciences & Solvay Business School: 6
  - Medicine & Pharmacy: 3
  - Sciences & Bio-Engineering Sciences: 3
  - Psychology & Educational Sciences: 1
  - Arts & Philosophy: 1
  - Engineering: 1
- Study Programme
  - Bachelors: 8
  - Masters: 7
- Language
  - English-taught: 8
  - Dutch-taught: 7

67.7% Female
33.3% Male
MORE THAN JUST STUDYING
THE WORLD NEEDS YOU

“BRUSSELS IS OUR LIVING LAB. AS AN ENGAGED UNIVERSITY, WE WANT TO HELP SHAPE THE FUTURE OF OUR METROPOLIS. OUR STUDENTS, LECTURERS AND RESEARCHERS USE THEIR EXPERTISE TO MAKE BRUSSELS STRONGER AND PROVIDE ANSWERS TO METROPOLITAN AND SOCIETAL CHALLENGES.”

Caroline Pauwels, Rector VUB
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 ACCORDING TO WORLD ECONOMIC FORUM
- Complex problem solving
- Critical thinking
- Creativity
- People management
- Emotional intelligence
NEW IN 2019 - 2020

EUTOPIA MULTIVERSEY
- 6 ambitious universities
- sharing education & research
- + 165,000 students
- + 30,000 staff members
- 90,000 alumni
- 760 expertise domains
- €5 M funding Erasmus+ programme

UNIVER.CITY
- With online toolkit for 21st Century Futureproof
- Community Engaged Research and Learning (CERL)

8 NEW EDUCATIONAL MASTERS*
- Dutch programmes
- 4 campuses
  (Elsene, Anderlecht, Leuven, Diest)
- 3 trajects (On Campus/Blended Learning/ Leraar-in-Opleiding)

NEW STUDY PROGRAMMES 2020
- Postgraduaat Manuele Therapie
- Bachelor Wiskunde & Data Science
  (1st university in Flanders)
- Expert Class in ESports Management
  (1st Postgraduate in Benelux)
- Interdisciplinar Course on Sustainability
  (English, for all study programmes)

* Cultuurwetenschappen - Economie - Gedragswetenschappen - Lichamelijke Opvoeding - Maatschappijwetenschappen - Talen - Wetenschappen en Technologie
“THROUGH ITS EDUCATION OFFER, VUB IS CONTINUING TO RESPOND TO SOCIETY’S CURRENT NEEDS. WE PLAYED SUCH A PIONEERING ROLE 40 YEARS AGO WITH OUR COMPUTER SCIENCE PROGRAMME, AND WITH THIS NEW PATH WE HOPE TO REPEAT THAT.”

Jan Danckaert, 
Vice-rector Education and Student Policy, 
about Flanders’ first bachelor degree in maths & data science (25 Sep 2019)
INNOVATION IN EDUCATION

VUB FOR SCHOOLS
- DataBuzz - Mobile digital education lab
- 1st digital Wiskunnend Wiske
- “Lesmarathon seksuele beleving”

VUB FOR SCHOOLS

START.VUB.BE
The incubator for student-entrepreneurs
Coaching, co-working space & network hub

SUCCESS & CAREER TOOLS
- DualCareerTools.com, online platform Top Sport & Study
- VUB Ethics Casebook, a guide for research ethics
- Academy for Digital & Data Talent - LLL for Staff

BROOC
A free Massive Online Open Course on Brussels
INNOVATION IN EDUCATION

NEW SUSTAINABLE I-BUILDING

• open, bright and modern hall
• 14 new teaching aula’s/ teaching rooms
• HVAC based on warmth recuperation & CO₂ detection
• movement- & daylight-controlled LED lighting

STATE OF THE ART TECHNOLOGY

• teleclassing devices forward audio and video to any point
• when all seats are occupied, the professor can stream their lesson next door
• extra diagonal projection screens for students
• audio-controlled cameras
• notes on screen can be forwarded to students
• tutorial videos for professors - assistance on location @launch
NEW WAYS OF LEARNING

DUAL LEARNING

Konekt.brussels CONNECTS students with

• Brussels as living lab

USE OF VIDEO IN BLENDED LEARNING

mix of in-class/distance learning

PANOPTO

• 9,816 recordings
courses, instruction videos, knowledge clips, student exercises
• 78.5% of our students neutral to very satisfied with the use of recordings
• 7,544 video hours
• 419,400 hours being watched or downloaded

COVID-19 IMPACT

Students are

• 81.4% satisfied to very satisfied with access to technology
• 82.3% satisfied to very satisfied with their own digital skills
• 79.2% satisfied to very satisfied with their own knowledge of the technologies used

CANVAS

<table>
<thead>
<tr>
<th>TESTS</th>
<th>9,065</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASSIGNMENTS</td>
<td>37,182</td>
</tr>
<tr>
<td>SURVEYS</td>
<td>7,696</td>
</tr>
<tr>
<td>VIDEOCONFERENCEs</td>
<td>19,351</td>
</tr>
<tr>
<td>DOCUMENT UPLOADS TO CANVAS</td>
<td>583,963</td>
</tr>
</tbody>
</table>

INNOVATION IN EDUCATION
COVID-19

1,525 DIGITAL EXAMS

JUNE
- 140 online written exams
- 630 online oral exams

EXAMS SEPTEMBER
- 255 online written exams
- 500 online oral exams

365 WRITTEN EXAMS
at 2 extra locations in Brussels, spread over 54 examination days

PARTICIPATION EXAMS 93.8%
- Generation students: 92.2% (+1.1%)
- Bachelor students: 93.2% (+1.4%)
- Master students: 95.0% (+0.8%)

STUDY EFFICIENCY 79.1%
- Generation students*: 67.9% (+1.7%)
- Bachelor students: 75.3% (+1.6%)
- Master students: 86.1% (+1.1%)

* First-time university students
STUDY & TOP SPORT

2019-2020

93 STUDENT ATHLETES
25 DIFFERENT SPORTS
8 FACULTIES

STUDY EFFICIENCY OF STUDENT-ATHLETES
85% Student athletes
vs.
81% Total student population
study efficiency = \frac{\text{number of credits acquired}}{\text{credits taken}}

IN THE PAST 32 YEARS, 'TOP SPORT & STUDY' COACHED:
1,024 student athletes
in 62 sports
24 Olympians

5 WORKSHOPS TO OPTIMISE DUAL CAREER 'TOP SPORT & STUDY'

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

Source: dpt. Topsport & Studie
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

Sebbe Godefroid
Sailing – Olympic Silver
Sailing coach & entrepreneur

Tom Vangeneugden
Swimming – Olympian
Retail programme manager & swimming coach

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

FUTURE
2020: VUB launches the online platform DualCareerTools.com which assists active athletes, former athletes and support staff in developing their competencies for a successful career.
STUDY & TOP SPORT

WALL OF FAME

Loïck Luypaert
Hockey
Olympic Silver
World Champion
Alumnus Sport & Movement Sciences

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

Johanne Monfret
Ballet dancing
Student Social Sciences

Antonia Delaere
Basketball
Student Psychology

Tim Declercq
Cycling
Student Sport & Movement Sciences

Loranne Smans
Snowboard
Student Psychology

Jorre Verstraeten
Judo
Student Sport & Movement Sciences

Yannick Lefèbvre
Sailing – Olympian
Alumnus Sport & Movement Sciences

Louis Croenen
Swimming – Olympian
Student Sport & Movement Sciences

Pieter Verhees
Volleyball
Alumnus Sport & Movement Sciences
VUB-ALUMNI
Job security. About 57.22% have a permanent contract and 29.56% work with a temporary contract. 8.37% are self-employed and only 1.90% are working as an interim.
Coronasafe Graduation Ceremonies
@ Grote Markt, Brussels
ALUMNI AND THEIR PROFESSIONAL LIFE

WHERE THEY WORK


Total: 2,982 | Total: 2,078 | Total: 1,748 | Total: 1,855 | Total: 1,729 | Total: 1,215

Source: LinkedIn (based on 16,181 VUB alumni on LinkedIn)
A UNIQUE NETWORK
FOR A SUSTAINABLE FUTURE

INTERNATIONAL ALUMNI
WHERE DO THEY COME FROM

Source: Student Administration Center
BELGIAN ALUMNI GOING ABROAD

TOTAL: 2,220

Source: LinkedIn
VUB-STAFF
VUB STAFF

4,042 EMPLOYEES 2020

VUB/UG Brussel
biggest Dutch-speaking employer in Brussels
7,176

<table>
<thead>
<tr>
<th>Staff Type</th>
<th>Male</th>
<th>Female</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic Staff</td>
<td>1,655</td>
<td>1,094</td>
<td>2,749</td>
</tr>
<tr>
<td>Support Staff</td>
<td>487</td>
<td>806</td>
<td>1,293</td>
</tr>
<tr>
<td>VUB Staff</td>
<td></td>
<td></td>
<td>64</td>
</tr>
</tbody>
</table>

Gender Distribution:
- Female: 47%
- Male: 53%
**Gender in Governing Entities**

- University council: 39% women
- Management Committee: 63% women
- UZ Brussel board of directors: 26% women
- International policy council: 47% women
- Education council: 44% women
- Research council: 50% women
- Innovation and valorisation council: 33% women
- Academic council: 31% women
- Board of directors: 50% women
- Student council: 61% women
- STUVO council: 64% women

**Gender Bias in Academic Career**

Female tenured academic staff (ZAP): 29% 
VUB short term goal: at least 33% women.
RESEARCH & INNOVATION
EXCELLENT SCIENCE INNOVATION LEADER

VUB worked on Horizon 2020 projects

- with 1,468 partners
- from 64 countries

Number of granted projects in Horizon 2020 per thematic priority

Scoring well on

- Transport
- Societal challenge
- ICT industrial leadership

European H2020 Projects

- PILLAR I: Excellent Sciences
- PILLAR II: Industrial Leadership
- PILLAR III: Societal Challenges
- OTHER
VUB IS THE ONLY FLEMISH UNIVERSITY THAT HAS REGISTERED ‘FREE RESEARCH’ IN ITS STATUTES. IT DELIVERS PIONEERING RESEARCH WITH AN INTERNATIONAL REPUTATION: PHOTONICS, ROBOTICS, MOBILITY, ARTIFICIAL INTELLIGENCE, STRUCTURAL BIOLOGY, DIABETES, FERTILITY...

Karin Vanderkerken, Vice-rector Research VUB
ERC grants since the start of Horizon 2020:
- 8 Starting grants
- 1 Consolidator grant
- 2 VIB-VUB Consolidator grants
- 3 Advanced grants
- 3 Proof of Concept grants

Total research budget 2019:
- €117,833,727
- 193 research groups
- 3,106 publications

Research budget:
- 17.8% own research budget
- 28.1% budget Flemish government for fundamental research
- 54.1% project financing by governments
"RESEARCH NEEDS SOCIETY AS SOCIETY NEEDS RESEARCH."

Karin Vanderkerken, Vice-rector Research VUB
PILLAR I
EXCELLENT SCIENCE

EU financial contribution to projects from the “Excellent science” pillar granted to the VUB

- ERC (European Research Council): € 17,239,965
- MSCA (Marie-Sklodowska-Curie Actions): € 10,610,000
- INFRA (Research Infrastructures): € 215,626
- FET (Future and Emerging Technologies): € 6,814,519

Number of granted projects in the “Excellent science” pillar of Horizon 2020

- ERC Proof of Concept
- Lump Sum Pilot
- Consolidator Grant
- ERC Proof of Concept Grant
- Advanced Grant
- Starting Grant
- RISE
- Marie Sklodowska-Curie Innovative Training Networks (ITN)
- Marie Sklodowska-Curie Individual Fellowships (IF)
VUB contributes to the Brussels Region being an innovation leader and is the number ONE Brussels organisation in number of participations.
EXCELLENT SCIENCE IN AND FOR BRUSSELS

VUB is the number ONE Brussels organisation in number of participations.

- 169 granted for €79 million

The VUB contributes to Brussels Region being an Innovation Leader:

- performance increases with time
- scoring high on the number of scientific co-publications
HIGH LEVEL RESEARCH PUBLICATIONS

PUBLICATIONS IN NATURE & SCIENCE

% OF PUBLICATIONS IN INTERNATIONAL COLLABORATION

PUBLICATIONS IN THE WEB OF SCIENCE

ADDITIONAL PUBLICATIONS IN THE FLEMISH ACADEMIC BIBLIOGRAPHIC DATABASE FOR THE SOCIAL SCIENCES AND HUMANITIES COLLABORATION
“4 OF THE 6 SCIENCE NOBEL PRIZES AWARDED TO BELGIANS HAVE BEEN OUR RESEARCHERS: FRANÇOIS ENGLERT, ILYA PRIGOGINE, ALBERT CLAUDE AND JULES BORDET.”

Caroline Pauwels, Rector VUB & Yvon Englert, Rector ULB, at the Academic Opening Ceremony, 20 September 2019
**SCIENCE OUTREACH**

**Science Outreach Office**

Wtnschp.be
- 49,810 unique visitors

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

Wetenschapswinkel
- Helping +500 non-profit organisations
- 200th Masters’ thesis in 2017
- 277 researchers participated in
- 28 outreach projects

**PUT YOUR RESEARCH IN THE SPOTLIGHT**

**SCIENCE BAR BRUSSELS**
Research, a cosy location, interaction with the audience and a pint of beer.
Three researchers under the guidance of a moderator looked at the way science could play a role in contemporary issues about food and its distribution (modified food, local agriculture...)

1st edition in the Ethics Week, an initiative of VUB which invites researchers to reflect on the ethical consequences of research.

**LET’S TALK SCIENCE**
(July 2019)
6th edition of Summer School on scientific communication and communicative skills, Let’s Talk Science.

32 workshops and training sessions
37 VUB researchers took part in 72 sessions

**CITIZEN SCIENCE PROJECT**
‘Oog voor diabetes’

**CHILDREN’S UNIVERSITY**
Researchers develop workshops about their research tailored for kids, empowered by a “Science for Children” training session.

2nd edition
- 398 children
- 27 workshops
- 15 researchers developed a workshop

**BRIGHT CLUB BXL**
- 125 visitors
- 6 scientists
### DOCTORAL SCHOOLS

#### 3 Doctoral Schools

- Human Sciences (DHS)
- Life Science & Medicine (LSM)
- Natural Sciences & (Bio-Science) Engineering (NSE)

#### 2019-2020

**Doctoral Students:** 1,909

- **Gender Distribution:**
  - Male: 48.1%
  - Female: 51.9%
  - 52% international

**Doctorates:** 208*

- **Gender Distribution:**
  - Male: 46.6%
  - Female: 53.4%
  - 43.75% international

**International Distribution:**

- EEA: 54.9%
- NON-EEA: 45.1%

* 2 doctorates in the interdisciplinary studies were granted

* less doctorates than academic year 2018-2019 at least partly due to Covid-19 impact

#### Doctorates by Gender & Faculty*

<table>
<thead>
<tr>
<th>Faculty</th>
<th>Male</th>
<th>Female</th>
<th>Doctorates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Social Sciences &amp; Solvay Business School</td>
<td>11</td>
<td>11</td>
<td>22</td>
</tr>
<tr>
<td>Medicine &amp; Pharmacy</td>
<td>9</td>
<td>21</td>
<td>30</td>
</tr>
<tr>
<td>Engineering</td>
<td>31</td>
<td>22</td>
<td>53</td>
</tr>
<tr>
<td>Arts &amp; Philosophy</td>
<td>9</td>
<td>17</td>
<td>26</td>
</tr>
<tr>
<td>Physical Education &amp; Physiotherapy</td>
<td>6</td>
<td>7</td>
<td>13</td>
</tr>
<tr>
<td>Psychology &amp; Educational Sciences</td>
<td>8</td>
<td>9</td>
<td>17</td>
</tr>
<tr>
<td>Law &amp; Criminology</td>
<td>5</td>
<td>4</td>
<td>9</td>
</tr>
<tr>
<td>Sciences &amp; Bio-Engineering Sciences</td>
<td>27</td>
<td>9</td>
<td>36</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>Male</th>
<th>Female</th>
<th>Doctorates</th>
<th>Internationality</th>
</tr>
</thead>
<tbody>
<tr>
<td>Social Sciences &amp; Solvay Business School</td>
<td>45.5%</td>
<td>54.5%</td>
<td>22</td>
<td>45.5% international</td>
</tr>
<tr>
<td>Medicine &amp; Pharmacy</td>
<td>30%</td>
<td>70%</td>
<td>30</td>
<td>30% international</td>
</tr>
<tr>
<td>Engineering</td>
<td>71.7%</td>
<td>28.3%</td>
<td>53</td>
<td>54.7% international</td>
</tr>
<tr>
<td>Arts &amp; Philosophy</td>
<td>57.7%</td>
<td>42.3%</td>
<td>26</td>
<td>23.1% international</td>
</tr>
<tr>
<td>Physical Education &amp; Physiotherapy</td>
<td>30.8%</td>
<td>69.2%</td>
<td>13</td>
<td>46.2% international</td>
</tr>
<tr>
<td>Psychology &amp; Educational Sciences</td>
<td>35.3%</td>
<td>64.7%</td>
<td>17</td>
<td>70.6% international</td>
</tr>
<tr>
<td>Law &amp; Criminology</td>
<td>44.4%</td>
<td>55.6%</td>
<td>9</td>
<td>55.6% international</td>
</tr>
<tr>
<td>Sciences &amp; Bio-Engineering Sciences</td>
<td>61.1%</td>
<td>38.9%</td>
<td>36</td>
<td>36.1% international</td>
</tr>
</tbody>
</table>

* 2 doctorates in the interdisciplinary studies were granted

* less doctorates than academic year 2018-2019 at least partly due to Covid-19 impact
JOINT PHDs

JOINT PHD CONTRACTS (ACTIVE)
310

DEFENDED JOINT PHDs
61

COUNTRIES
JOINT PHD COLLABORATION

<table>
<thead>
<tr>
<th>Country</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>BELGIUM</td>
<td>181</td>
</tr>
<tr>
<td>ALGERIA</td>
<td>1</td>
</tr>
<tr>
<td>ARGENTINA</td>
<td>1</td>
</tr>
<tr>
<td>BRAZIL</td>
<td>10</td>
</tr>
<tr>
<td>BULGARIA</td>
<td>2</td>
</tr>
<tr>
<td>CAMEROON</td>
<td>1</td>
</tr>
<tr>
<td>CANADA</td>
<td>2</td>
</tr>
<tr>
<td>CHINA</td>
<td>12</td>
</tr>
<tr>
<td>COLOMBIA</td>
<td>3</td>
</tr>
<tr>
<td>CUBA</td>
<td>5</td>
</tr>
<tr>
<td>CZECH REPUBLIC</td>
<td>2</td>
</tr>
<tr>
<td>DENMARK</td>
<td>1</td>
</tr>
<tr>
<td>GERMANY</td>
<td>7</td>
</tr>
<tr>
<td>ETHIOPIA</td>
<td>1</td>
</tr>
<tr>
<td>FINLAND</td>
<td>3</td>
</tr>
<tr>
<td>FRANCE</td>
<td>6</td>
</tr>
<tr>
<td>GREECE</td>
<td>2</td>
</tr>
<tr>
<td>ICELAND</td>
<td>1</td>
</tr>
<tr>
<td>IRAN</td>
<td>2</td>
</tr>
<tr>
<td>ITALY</td>
<td>19</td>
</tr>
<tr>
<td>LATVIA</td>
<td>1</td>
</tr>
<tr>
<td>LUXEMBOURG</td>
<td>2</td>
</tr>
<tr>
<td>MOROCCO</td>
<td>2</td>
</tr>
<tr>
<td>MEXICO</td>
<td>1</td>
</tr>
<tr>
<td>POLAND</td>
<td>2</td>
</tr>
<tr>
<td>PORTUGAL</td>
<td>1</td>
</tr>
<tr>
<td>SPAIN</td>
<td>7</td>
</tr>
<tr>
<td>THE NETHERLANDS</td>
<td>19</td>
</tr>
<tr>
<td>TUNISIA</td>
<td>1</td>
</tr>
<tr>
<td>SOUTH AFRICA</td>
<td>3</td>
</tr>
<tr>
<td>SOUTH KOREA</td>
<td>2</td>
</tr>
<tr>
<td>SWEDEN</td>
<td>2</td>
</tr>
<tr>
<td>SWITZERLAND</td>
<td>1</td>
</tr>
<tr>
<td>UNITED KINGDOM</td>
<td>4</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Country</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>KU LEUVEN</td>
<td>3</td>
</tr>
<tr>
<td>UANTWERPEN</td>
<td>5</td>
</tr>
<tr>
<td>UGENT</td>
<td>21</td>
</tr>
<tr>
<td>UHASSELT</td>
<td>1</td>
</tr>
<tr>
<td>UGENT-UANTWERPEN</td>
<td>1</td>
</tr>
<tr>
<td>UC LOUVAIN</td>
<td>1</td>
</tr>
<tr>
<td>ULB</td>
<td>7</td>
</tr>
<tr>
<td>BRAZIL</td>
<td>2</td>
</tr>
<tr>
<td>CHINA</td>
<td>1</td>
</tr>
<tr>
<td>FINLAND</td>
<td>1</td>
</tr>
<tr>
<td>FRANCE</td>
<td>3</td>
</tr>
<tr>
<td>GERMANY</td>
<td>1</td>
</tr>
<tr>
<td>ITALY</td>
<td>2</td>
</tr>
<tr>
<td>MOROCCO</td>
<td>2</td>
</tr>
<tr>
<td>NETHERLANDS</td>
<td>2</td>
</tr>
<tr>
<td>PORTUGAL</td>
<td>1</td>
</tr>
<tr>
<td>SOUTH AFRICA</td>
<td>3</td>
</tr>
<tr>
<td>SOUTH KOREA</td>
<td>1</td>
</tr>
<tr>
<td>SWEDEN</td>
<td>2</td>
</tr>
<tr>
<td>SWITZERLAND</td>
<td>1</td>
</tr>
<tr>
<td>UNITED KINGDOM</td>
<td>2</td>
</tr>
</tbody>
</table>
1st VUB PhD Cup in 2018
Translating research into a short message that can be understood by a wide audience

Doctoral Derby laureates 2019-2020
- Ahmad Wali Ahmad-Yar (Sociology)
- Jana Goyvaerts (Communication Sciences)

Supervisor Award Laureates 2019-2020*
DSH: Liesbeth De Donder
LSM: Aldo Scafolglirie
NSE: Hichem Sahli

* Human Sciences (DHS)
Life Science & Medicine (LSM)
Natural Sciences & (Bio-)Science Engineering (NSE)

Doctoral Training Programmes 2019-2020
Certificates 154

40.9% international

49.3% female
50.7% male

Workshops for doctoral candidates
138
Digital workshops (COVID-19)
45

Research Culture 7%
Specialist Training 7%
Transferable Skills 17%
Methodology 17%
Writing & Presenting 24%
Career & Entrepreneurship 21%
Wellbeing 7%
“IN A RAPIDLY CHANGING WORLD WHERE EVERYTHING IS DIGITALISED AND TECHNOLOGY IS GETTING MORE AND MORE SPECIALISED, CO-INNOVATING DIRECTLY WITH PARTNERS, INDUSTRY OR OTHERS CAN LEAD TO MARKET-CHANGING INNOVATIONS. THIS BRINGS WITH IT FRESH PERSPECTIVES AND VARIED SKILLS, NECESSARY TO TACKLE TODAY’S CHALLENGES.”

Hugo Thienpont, Vice-rector Innovation & Industry Relations VUB
INDUSTRIAL RESEARCH FUND 2019 supporting 17 excellent research groups

Together with VUB Foundation, the philanthropic fundraising team, and Crosstalks, the interdisciplinary networking platform, VUB TechTransfer forms the Vice-rectorate Innovation & Industry Relations. It assists in the interaction with industry and society.

INDUSTRIAL RESEARCH FUND 2019

- active patent families: 146
- inventions reported: 41
- new patents filed: 17

VUB RANKS 59 IN THE REUTERS TOP 100 OF EUROPE’S MOST INNOVATIVE UNIVERSITIES

38 active spin-offs

4 new spin-offs in 2019 of which the first came from Social Sciences & Humanities (hbits)

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

+1,000 participants
Innovation Research budget
€ 75,932,018

NON H2020 programmes
€11,068,889

H2020-PILLAR II
€19,558,818

H2020- PILLAR III
€45,304,311

Industrial Cooperation & Licensing
Revenue 2019 €10,000,000
PHOTONHUB EUROPE
Photonics Digital Innovation Hub
One-Stop-Shop Open Access to Photonics Innovation Support for a Digital Europe

Coordinator: VUB B-PHOT (Brussels Photonics)

€ 19,000,000 to boost SME growth

PhotonHub Europe will help European SMEs and mid-caps become highly competitive digital businesses through faster and smarter deployment of photonics-based technologies, directly creating over 1,000 new high-tech EU jobs and nearly €1 billion in new revenues and venture capital by 2025.

ONTOX
Ontology-driven and artificial intelligence-based repeated dose toxicity testing of chemicals for next generation risk assessment.

Coordinator: VUB IVTD (In Vitro Toxicology and Dermato-Cosmetology)

€ 17,146,050

The ONTOX consortium wants to provide a functional and sustainable solution for advancing human risk assessment of chemicals without the use of animals in line with the principles of 21st century toxicity testing and next generation risk assessment. With a deep and long-lasting impact by consolidating Europe's world-leading position regarding animal-free methods for human risk assessment of chemicals.

STARS4 MEDIA
Exchange and training programme for young promising young media professionals to accelerate media innovation and cross-border coverage in Europe.

Coordinator: VUB imec-SMIT (Studies in Media, Innovation and Technology)

€ 790,516 for pilote 1
€ 1,408,275 for pilote 2

imec-SMIT is one of Europe's leading media innovation departments experienced in exchange programmes and coordinates the consortium in cooperation with Fondation EURACTIV, the project Initiator, experienced in cross-border exchanges and media needs.
THE VUB AI EXPERIENCE CENTRE

is designed to connect industry, policy-makers, NGOs and other academia with a wide variety of artificial intelligence experts working at VUB. It is committed through its interdisciplinary approach to contribute to the building of responsible AI in Europe.
The European Commission promotes the concepts of ethical AI, the use of open data and the aim to strive for AI innovation at the service of all citizens.

“TODAY WE ARE PRESENTING OUR AMBITION TO SHAPE EUROPE’S DIGITAL FUTURE. IT COVERS EVERYTHING FROM CYBERSECURITY TO CRITICAL INFRASTRUCTURES, DIGITAL EDUCATION TO SKILLS, DEMOCRACY TO MEDIA. I WANT DIGITAL EUROPE TO REFLECT THE BEST OF EUROPE – OPEN, FAIR, DIVERSE, DEMOCRATIC AND CONFIDENT.”

Ursula von der Leyen, President of the European Commission

### How we grow thanks to your support

**2019-2020**

<table>
<thead>
<tr>
<th>Source</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Donations</td>
<td>€ 712,900</td>
</tr>
<tr>
<td>Legacies</td>
<td>€ 500,000</td>
</tr>
<tr>
<td>Chairs</td>
<td>€ 2,179,337</td>
</tr>
<tr>
<td>Sponsorships</td>
<td>€ 144,375</td>
</tr>
<tr>
<td>Funds by name</td>
<td>€ 411,747</td>
</tr>
</tbody>
</table>

**Total Revenue € 3,918,359**

17% overheads € 666,121

Net revenue € 3,252,238

VUBFOUNDATION.BE
“THE POLICY OF THE VUB FOUNDATION IS BASED ON THE CONVICTION THAT FOR EACH PHILANTHROPIC DONATION, THERE IS A SOCIETAL RETURN. EACH CONTRIBUTION SUPPORTS EDUCATION, RESEARCH, INNOVATION OR THE CULTURAL HERITAGE OF THE VUB. THE KNOWLEDGE AND INSIGHTS THAT ARISE FROM THESE CONTRIBUTIONS EVENTUALLY FLOW BACK INTO OUR SOCIETY.”

Hugo Thienpont,
Vice-rector Innovation & Industry Relations VUB
CONNECTING ACADEMIA AND SOCIETY

MISSION

VUB fosters a network of Fellows who connect academia with society. The interactions arising from this are of huge benefit for education, research and policy. The VUB Fellows are a diverse network of dedicated experts and leaders in their field who commit selflessly to the university and UZ Brussel. Thanks to their commitment, VUB can continue to evolve as an open institution connected with society and the business community.

VISION

To create a network of privileged VUB ambassadors who continue to challenge and inspire the university and UZ Brussel, and help to propagate the ideology of VUB as a progressive institution of independent research and critical thinking.

VUBFELLOWSHIP WEBSITE
“THE MOST IMPORTANT RAW MATERIAL WE EUROPEANS HAVE - AND THAT WE SHOULD INVEST IN - IS OUR KNOWLEDGE. AT THE SAME TIME, WE NEED INNOVATIVE IDEAS, FRESH INSIGHTS, AND A HEALTHY PORTION OF ENTREPRENEURSHIP. ONLY THIS WILL LEAD TO TANGIBLE, REAL-LIFE APPLICATIONS WITH COMMERCIAL POTENTIAL THAT WILL IMPROVE THE WORLD WE LIVE IN.”

Eddy Van Gelder, former Chairman of the Board of VUB, about the VUB Fellowship Programme
CONNECTING ACADEMIA AND SOCIETY

FELLOWSHIP

116 Fellows
50 Females
66 Males

118 Honorary Fellows
42 Females
76 Males

FELLOWS IMPROVE
QUALITY OF RESEARCH & EDUCATION
EMPLOYABILITY OF OUR GRADUATES
CAPACITY FOR INNOVATION & COMPETITIVENESS
INNOVATION

THROUGH ACTIVITIES
(INTERNATIONAL) STUDENT INTERNSHIPS
NETWORKING
GUEST LECTURES
CULTURAL ENRICHMENT
COMPANY VISITS
MASTER THESIS GUIDANCE
SUPPORT OF RESEARCH
INFLUENCERS’ ROLE
Honorary doctors come from a wide variety of sectors, but they have one thing in common: they connect. That’s what the world needs today, people reaching out to the other. People who look not for differences, but for similarities. People who want to listen to each other.
VUB honorary title for Yuval Noah Harari, historian, one of the leading thinkers of the 21st century and author of *Sapiens: A Brief History of Humankind*. 
Peace Jam with Rigoberta Menchú, winner of the Nobel Peace prize and vigorous human rights activist from Guatemala.
“THE ONLY POWER WHICH I STRIVE FOR IS FREEDOM: FREEDOM TO INVESTIGATE, UNDERSTAND AND REPORT.”

Conflict journalist Rudi Vranckx receives VUB-ULB honorary doctorate on World Press Freedom Day, 3 May 2019
TAKING CARE OF A DIVERSE PUBLIC

Staff members of nearly 70 different nationalities are taking care of a broad variety of patients of around 160 different nationalities from all over the world.

3,134 STAFF MEMBERS

- Support 28%
- Paramedics & Pharmacy 13%
- Medical 18%
- Nursing Staff 38%
- Other 3%

INVESTING IN EMPLOYEES & INFRASTRUCTURE

Total investment 2019
€39.6 million
1/3 in hospitals layout plan

Total consultations: 412,246 (+3.4%)
Hospitalisations: 30,779 (+2.3%)
Planned hospitalisations: 17,399 (+6.5%)
Day hospitalisations: 31,617 (+6.7%)
Surgical operations: 14,198 (+1.7%)
Severe surgery: 4,317 (+6.1%)

STRONG GROWTH FOR

- Pediatrics +8.7%
- Orthopedics & Traumatology +9.1%
- Diabetes Clinic +9.9%
- Gastroenterology +16.2%
- Center for Reproduction/Fertility +5.3%
- (excl. Emergency Dept.)

• Pediatrics
• Orthopedics & Traumatology
• Diabetes Clinic
• Gastroenterology
• Center for Reproduction/Fertility
• (excl. Emergency Dept.)
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

MORE SCIENTIFIC OUTPUT
933 scientific papers published in 2019 by UZ Brussel & VUB Medicine & Pharmacy Faculty

500 Clinical Research Files @Medical Ethics Commission
“UZ BRUSSEL CONTINUES TO INVEST IN EMPLOYEES AND INFRASTRUCTURE. ONE THIRD OF THE TOTAL INVESTMENT IS RELATED TO THE HOSPITALS LAYOUT PLAN, TO COMPLETELY RENOVATE A BIG PART OF THE HOSPITAL BY 2027.”

Marc Noppen,
CEO UZ Brussel
UZ BRUSSEL AS PIONEER

CANCER
TUMORSOCPE PROJECT, collaboration KWS, ICT, Pathology, Genetics

CARDIOLOGY
- ALGORITHM for treatment of a coronary stent
- SOFTWARE DEVELOPMENT in interventional cardiology
- "SAMEN BETER": Within the Center for Cardiovascular Diseases, this transformation programme focuses on improving the quality of care and patient safety throughout the entire heart surgery care chain in conjunction with interventional cardiology.

LYMPH EDEMA
NANOBODY PROJECT

INNOVATION TEAM
Launched in 2019 as an offshoot of ZORG2030 & strategic exercise

ANAESTHESIOLOGY
DEVELOPING APPS FOR USE DURING & AFTER anaesthesia

INNOVATIVE TECHNIQUES
- LAUNCH IT TOOL for muscle relaxant testing during anaesthesia
- ARTIFICIAL INTELLIGENCE to prevent a drop in blood pressure during operations
#THEWORLDNEEDSYOU
SUSTAINABLE UNIVERSITY

VUB CARBON FOOTPRINT 2018*

Total emission of greenhouse gases by the VUB.

2.66 tons of CO₂ per student

41,909 tons of CO₂

THE SHARE OF THE EMISSIONS OF DIFFERENT CATEGORIES

Main emission items in 2018

- PASSENGER TRANSPORT 49.5%
- ENERGY 33.5%
- CAPITAL GOODS 10.6%

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.

This is the equivalent of 170 million car kilometers or the annual (average) carbon footprint of 2,600 Belgians. It requires 1.7 million trees to absorb these CO₂ emissions within one year.

* Carbon Footprint calculation is done every two years
https://www.vub.be/duurzaamheid/carbon-footprint#carbon-footprint
MOBILITY

20,750 ton CO₂ linked to transporting people accounts for 49.5% of the total carbon footprint (student and staff commuting, business travel and Erasmus students).

BUSINESS TRAVEL - FLIGHTS
International flights by staff account for 13% of the total carbon footprint of the VUB. These are the results of Carbon Footprint 2018

2019-2020: Approval VUB travel policy

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

VUB Sustainability Goal
CO₂ compensation for flights

Recent sustainable action
Extension of bicycle parking facilities

STUDENT MOBILITY 2019
* Survey Students - Staff Survey delayed due to Covid-19

<table>
<thead>
<tr>
<th></th>
<th>ELSENE</th>
<th>JETTE</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAR/CARPOOLDING</td>
<td>3.7 %</td>
<td>20.7 %</td>
</tr>
<tr>
<td>TRAIN</td>
<td>46.6 %</td>
<td>26.7 %</td>
</tr>
<tr>
<td>METRO/TAM/BUS</td>
<td>32.7 %</td>
<td>37.1 %</td>
</tr>
<tr>
<td>BIKE</td>
<td>5.7 %</td>
<td>5.2 %</td>
</tr>
<tr>
<td>ON FOOT</td>
<td>8.2 %</td>
<td>3.4 %</td>
</tr>
<tr>
<td>OTHER (STEPS...)</td>
<td>3.1 %</td>
<td>6.9 %</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>ELSENE</th>
<th>JETTE</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAR/CARPOOLDING</td>
<td>0.9 %</td>
<td>0.9 %</td>
</tr>
<tr>
<td>TRAIN</td>
<td>8.6 %</td>
<td>5.7 %</td>
</tr>
<tr>
<td>METRO/TAM/BUS</td>
<td>32.8 %</td>
<td>29.2 %</td>
</tr>
<tr>
<td>BIKE</td>
<td>6.5 %</td>
<td>10.4 %</td>
</tr>
<tr>
<td>ON FOOT</td>
<td>49.1 %</td>
<td>51.9 %</td>
</tr>
<tr>
<td>OTHER (STEPS...)</td>
<td>2.1 %</td>
<td>1.9 %</td>
</tr>
</tbody>
</table>

But VUB is doing much better than other companies and organizations in similar zones.
Sustainable University

Use of Water
Total use 2019 on campus Elsene
ca 60,000 m³
= 60,000,000 l
= 500,000 full bathtubs

Paper Use
Paper purchase*
Student courses from New Material

Recycling Devices
216 Devices
Recycled in 2018-2019
Laptop 40
PC 86
Smartphone 15
Server 75

201 Trees
for devices collected
2018 113
2019 88

Living Lab Wadi
VUB Research Group
Hydrologics researches water management on campus Elsene.

Recycling electronic devices
Out of Use – Natuurpunt campaign
"Bos voor iedereen"
VUB joins forces with Out of use: for each device being recycled, Natuurpunt plants a tree.

PAPER USE

Recycling electronic devices
Out of Use – Natuurpunt campaign
"Bos voor iedereen"
VUB joins forces with Out of use: for each device being recycled, Natuurpunt plants a tree.

201 Trees
for devices collected
2018 113
2019 88

Living Lab Wadi
VUB Research Group
Hydrologics researches water management on campus Elsene.

Recycling electronic devices
Out of Use – Natuurpunt campaign
"Bos voor iedereen"
VUB joins forces with Out of use: for each device being recycled, Natuurpunt plants a tree.

201 Trees
for devices collected
2018 113
2019 88

Living Lab Wadi
VUB Research Group
Hydrologics researches water management on campus Elsene.

Recycling electronic devices
Out of Use – Natuurpunt campaign
"Bos voor iedereen"
VUB joins forces with Out of use: for each device being recycled, Natuurpunt plants a tree.

201 Trees
for devices collected
2018 113
2019 88

Living Lab Wadi
VUB Research Group
Hydrologics researches water management on campus Elsene.

Recycling electronic devices
Out of Use – Natuurpunt campaign
"Bos voor iedereen"
VUB joins forces with Out of use: for each device being recycled, Natuurpunt plants a tree.

201 Trees
for devices collected
2018 113
2019 88

Living Lab Wadi
VUB Research Group
Hydrologics researches water management on campus Elsene.

Recycling electronic devices
Out of Use – Natuurpunt campaign
"Bos voor iedereen"
VUB joins forces with Out of use: for each device being recycled, Natuurpunt plants a tree.

201 Trees
for devices collected
2018 113
2019 88

Living Lab Wadi
VUB Research Group
Hydrologics researches water management on campus Elsene.
SUSTAINABLE UNIVERSITY

ENERGY

Energy accounts for 33.5% of the total Carbon Footprint 2018
Energy-efficiency is a real challenge since this concept was virtually non-existent when the university infrastructure was built 40 years ago.

205,000m² heated surface

RENEWABLE ENERGY
Use of 100% renewable energy for electricity: corresponds to the energy consumption of about 4,150 homes.

GAS
Use of natural gas for hot water and heating: equivalent to the power required to heat approximately 1,050 homes.

WASTE

45 Different types of waste are collected

- Total waste increases
- Residual waste decreases as a result of better sorting.
- Introduction Billie Cup: 40,000 cups avoided/year.
SUSTAINABLE UNIVERSITY

CONSUMPTION BASED ON TYPE OF MENU
1. Daily special 47%
2. Vegetarian 21%
3. Fish 18%
4. Pasta bar 9%
5. Stir fry 3%
6. Cold dish 2%

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

MOST POPULAR VEGETARIAN DISHES
(200 - 250 servings a day)
1. Vegan tacos
2. Vegan spaghetti bolognese
3. Mexican wrap
4. Thai falafel
5. Veggie student burger

RESTAURANT LUNCHES SERVED
since 2008

<table>
<thead>
<tr>
<th>Year</th>
<th>STAFF</th>
<th>STUDENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>2008</td>
<td>75,640</td>
<td>105,717</td>
</tr>
<tr>
<td>2009</td>
<td>83,075</td>
<td>116,991</td>
</tr>
<tr>
<td>2010</td>
<td>88,956</td>
<td>122,872</td>
</tr>
<tr>
<td>2011</td>
<td>92,941</td>
<td>125,212</td>
</tr>
<tr>
<td>2012</td>
<td>99,357</td>
<td>130,300</td>
</tr>
<tr>
<td>2013</td>
<td>106,187</td>
<td>135,911</td>
</tr>
<tr>
<td>2014</td>
<td>109,714</td>
<td>142,234</td>
</tr>
<tr>
<td>2015</td>
<td>106,107</td>
<td>129,955</td>
</tr>
<tr>
<td>2016</td>
<td>109,846</td>
<td>129,117</td>
</tr>
<tr>
<td>2017</td>
<td>119,107</td>
<td>129,117</td>
</tr>
<tr>
<td>2018</td>
<td>119,107</td>
<td>129,117</td>
</tr>
<tr>
<td>2019</td>
<td>129,955</td>
<td>129,117</td>
</tr>
</tbody>
</table>

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

Vegan spread & vegan banana cake in cafeteria
SUSTAINABLE UNIVERSITY

Portions per serving:
- Meat: 150g
- Vegetables: 200g
- Fish: 175g

Non-recoverable food waste per week:

<table>
<thead>
<tr>
<th>Category</th>
<th>MAY 2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>Meat/Fish</td>
<td>23.55 kg</td>
</tr>
<tr>
<td>Vegetables (Hot)</td>
<td>27.15 kg</td>
</tr>
<tr>
<td>Vegetables (Cold)</td>
<td>28.55 kg</td>
</tr>
<tr>
<td>Cereals and Potatoes</td>
<td>41.2 kg</td>
</tr>
<tr>
<td>Sauces</td>
<td>32.7 kg</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>209.8 kg</strong></td>
</tr>
</tbody>
</table>

Restaurant:

Fairtrade products:
- Coffee, juices, chips, and chocolate

Experiments:

- More fruit experiment:
  - Testing the effect of nudges on fruit purchase
  - Experiment based on the renewed Flemish Food Triangle

Waste reduction in the kitchen:
- Waste management through recovery of surplus food by rapid chilling
- Monitoring through periodic weighing
- Action: ‘take all you can eat, but eat all you take’ (leftovers are weighed and communicated)

Disposable coffee cup replaced by Billie Cup

FAIRTRADE PRODUCTS

VUB
VRUJE UNIVERSEIT BRUSSEL
AN IMPACT ON A BETTER WORLD

The ‘sense of urgency’ of sustainable development is present in every public debate. Based on its humanistic values, VUB has to lead by example and wants to be the catalyst of solutions that are democratically, ecologically, socially and economically responsible.
VUB EQUITY ACTION PLAN

VISION

CODE OF CONDUCT

“VUB embraces diversity and rejects inequality.

VUB strives for equity without erasing difference.

VUB campuses are welcoming places where discrimination, disadvantage and transgressive behaviours are not tolerated.

VUB strives to be an agent of change, offering opportunities, correcting inequalities and doing so, steering new generations towards increased equality and appreciation of diversity.”

MONITORING & REPORTING
Diversity policy

CALL TO ACTION
On equality & inclusion for all students

RAISING AWARENESS
In the VUB community

ASSESSING DIVERSITY
In the curriculum

EQUALITY WEBSITE
- Visibility
- Accessibility to diverse initiatives
- Provide information
- Points of contact

INCLUSIVE RECRUITMENT PROCEDURES

BIAS TRAINING
Enhance
- Knowledge building
- Cultural change
VUB embraces diversity and rejects inequality.
NOVEMBER 19, 2019
Declaration of intent: VUB as a Compassionate University where everyone encourages, facilitates & supports each other in difficult situations

RESPONDING TO LOSS, GRIEF AND ILLNESS

MONUMENT OF COMPASSION
- a quiet place where staff and students can reflect, commemorate or mourn
- an annual remembrance ceremony for the (former) staff and students who have passed away or who have been in a difficult situation

INTERDISCIPLINARY RESEARCH PROGRAM (IRP)
Compassionate Communities Center of expertise (COCO)
COCO aims to pioneer the development, implementation and evaluation of the Compassionate Communities model in Belgium. Through interdisciplinary research, intersectoral collaboration and an active network of community stakeholders and academics, it will build and provide expertise to achieve a more compassionate society.
endooflifecare.be/project/coco

STAFF TRAINING – EXHIBITIONS DEBATES AND READINGS
to raise awareness and facilitate conversations about illness and death
MONUMENT OF COMPASSION

a quiet place where staff and students can reflect, commemorate or mourn.
STUDENT SUPPORT @UZ BRUSSEL

UZ BRUSSEL AND VUB MEDICAL STUDENTS TACKLE CORONAVIRUS CRISIS TOGETHER

276 students registered to give COVID-19 support
- Masters & Bachelors
- Medicine, Pharmacy, Biomedical Sciences, Physiotherapy...

Students launch family helpline 'Whereby'
For conversations between patients & family
COVID-19

VIB-VUB CENTER FOR STRUCTURAL BIOLOGY MAKES ITS KINGFISHER ROBOT AVAILABLE to test up to 1000 additional samples per day on the presence of the SARS-CoV2 virus.

Prof. Dr. ir. Jan Steyaert, Structural Biology Brussels (SBB)

CORONAFACTS.BE
Online tool, developed by VUB, tracking the evolution of coronavirus on a commune-by-commune basis. Using data from Sciensano, the tool identifies which municipalities still have a growing number of cases, while the national trend is one of decline.

http://www.coronafacts.be

RESTORE: REALISTIC FORECASTING, CONTROL AND PREPAREDNESS FOR COMING COVID-19 WAVES
Extended and holistic SEIR modeling framework as a solid basis for providing Belgian healthcare institutions and policy makers with more accurate predictions, to keep the COVID-19 outbreak under control and not to jeopardise our healthcare system.

FWO, 298 500,00 €
VUB, UAntwerpen, UGent, UHasselt, UZ Brussel
Prof. dr. Kurt Barbé, Administrative Promotor

VUB RESEARCHERS VOLUNTEER to add extra test capacity for Minister Philippe De Backer

BREATHNEY MEDICAL VENTILATOR - FABLABVOORZUURSTOF
VUB FabLab brought its best engineers, scientists and technical experts together in a race against time for more oxygen. In close consultation with the UZ Brussel medical team and with input from Johns Hopkins University, they developed a prototype respirator based on the existing MIT ambubag.

Prof. dr. Marc Runacres, Thermo and Fluid Dynamics (FLOW)
• 17 March 2020 as a 4-day rush to replicate the MIT-ambubag concept
• The small group of engineers at Fablab has grown into a 50+ team
https://www.vub.be/fablabvoorzuurstof

119 VUB RESEARCHERS VOLUNTEER to add extra test capacity for Minister Philippe De Backer

* Since the outbreak, university research has been launched into different elements of the pandemic. Now a new initiative has brought all those pieces of research together in one place: www.covid19-wb.be
### BALANCE SHEET

#### VUB 2019

<table>
<thead>
<tr>
<th>ASSETS</th>
<th>2019</th>
<th>2018</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FIXED ASSETS</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>I.  Formation expenses</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>II. Intangible fixed assets</td>
<td>2,041,278.62</td>
<td>179,243.04</td>
</tr>
<tr>
<td>III. Tangible fixed assets</td>
<td>337,713,706.11</td>
<td>317,362,377.19</td>
</tr>
<tr>
<td>IV. Financial fixed assets</td>
<td>1,864,381.19</td>
<td>1,733,784.40</td>
</tr>
<tr>
<td><strong>TOTAL ASSETS</strong></td>
<td>341,619,365.92</td>
<td>319,275,404.63</td>
</tr>
<tr>
<td><strong>CURRENT ASSETS</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>V. Amounts receivable after more than one year</td>
<td>3,142,590.39</td>
<td>2,558,401.88</td>
</tr>
<tr>
<td>VI. Stocks and contracts in progress</td>
<td>449,006.02</td>
<td>504,037.43</td>
</tr>
<tr>
<td>VII. Amounts receivable within one year</td>
<td>49,936,351.41</td>
<td>38,019,382.29</td>
</tr>
<tr>
<td>VIII. Current investments</td>
<td>280,923,258.78</td>
<td>261,262,468.07</td>
</tr>
<tr>
<td>IX. Cash</td>
<td>57,251,665.28</td>
<td>92,196,953.01</td>
</tr>
<tr>
<td>X. Deferred charges and accrued income</td>
<td>2,570,971.87</td>
<td>2,378,379.37</td>
</tr>
<tr>
<td><strong>TOTAL ASSETS</strong></td>
<td>394,273,843.75</td>
<td>396,919,622.05</td>
</tr>
</tbody>
</table>

---

"VUB’S MODERN GOVERNANCE, BENCHMARKED AGAINST WORLD LEADING ORGANISATIONS, SUPPORTS THE UNIVERSITY AND ITS HOSPITAL IN ACHIEVING ITS STRATEGIC AND OPERATIONAL VISION AS WELL AS WITH ITS FINANCIAL AND HUMAN RESOURCES."

Karsten De Clerck, Chairman of the Board of VUB
## BALANCE SHEET

### VUB 2019

<table>
<thead>
<tr>
<th>LIABILITIES</th>
<th>2019</th>
<th>2018</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>EQUITY</strong></td>
<td>540,367,706.06</td>
<td>504,560,505.88</td>
</tr>
<tr>
<td>I. Capital</td>
<td>1,187,031.26</td>
<td>1,187,031.26</td>
</tr>
<tr>
<td>III. Revaluation surpluses</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>IV. Reserves</td>
<td>494,479,013.06</td>
<td>466,477,176.47</td>
</tr>
<tr>
<td>V. Accumulated profits (losses)</td>
<td>15,141,851.65</td>
<td>18,576,006.00</td>
</tr>
<tr>
<td>VI. Investment grants</td>
<td>29,559,810.09</td>
<td>18,320,292.15</td>
</tr>
<tr>
<td><strong>TOTAL LIABILITIES</strong></td>
<td>735,893,209.67</td>
<td>716,195,026.68</td>
</tr>
</tbody>
</table>

| PROVISIONS                         | 12,618,837.00         | 11,709,000.00         |

| AMOUNTS PAYABLE                    | 182,906,666.61        | 199,925,520.80        |
| VIII. Amounts payable after more than one year | 47,026,466.25        | 50,969,100.87        |
| IX. Amounts payable within one year | 127,890,899.43        | 139,712,005.49        |
| X. Accrued charges and deferred income | 7,989,300.93          | 9,244,414.44          |

| TOTAL LIABILITIES**                | 735,893,209.67        | 716,195,026.68        |
## PROFIT AND LOSS STATEMENT VUB 2019

<table>
<thead>
<tr>
<th>Item</th>
<th>2019</th>
<th>2018</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>OPERATING INCOME (+)</strong></td>
<td>273,338,372.10</td>
<td>298,267,606.19</td>
</tr>
<tr>
<td>A. Income attached to education, research and services</td>
<td>263,837,453.90</td>
<td>262,916,032.00</td>
</tr>
<tr>
<td>A.1. Government grants and subsidy - core funding (first funding)</td>
<td>123,255,480.17</td>
<td>118,135,459.38</td>
</tr>
<tr>
<td>A.2. Government contributions fundamental basic research (second funding)</td>
<td>40,218,744.81</td>
<td>33,688,204.90</td>
</tr>
<tr>
<td>A.3. Government contributions applied research (3rd funding)</td>
<td>60,392,498.47</td>
<td>52,788,181.41</td>
</tr>
<tr>
<td>A.4. Contract research with private sector and scientific services (4th funding)</td>
<td>9,807,637.40</td>
<td>30,325,396.84</td>
</tr>
<tr>
<td>A.5. Other income attached to education, research and services</td>
<td>30,163,093.05</td>
<td>27,978,789.47</td>
</tr>
<tr>
<td>B. Increase (decrease) of work and contracts in progress</td>
<td>-11,745,684.84</td>
<td>16,316,947.43</td>
</tr>
<tr>
<td>C. Own construction capitalised</td>
<td>0.00</td>
<td>0.00</td>
</tr>
<tr>
<td>D. Gifts, donations and legacies</td>
<td>3,620,089.31</td>
<td>2,636,263.86</td>
</tr>
<tr>
<td>E. Other operating income</td>
<td>17,626,513.73</td>
<td>16,398,362.90</td>
</tr>
<tr>
<td><strong>OPERATING CHARGES (-)</strong></td>
<td>269,560,214.48</td>
<td>264,518,796.92</td>
</tr>
<tr>
<td>A. Purchases</td>
<td>3,918,169.48</td>
<td>4,496,020.67</td>
</tr>
<tr>
<td>B. Services and other goods</td>
<td>69,057,866.36</td>
<td>72,064,080.08</td>
</tr>
<tr>
<td>C. Remuneration, social security costs and pensions</td>
<td>176,369,718.06</td>
<td>168,434,550.17</td>
</tr>
<tr>
<td>D. Depreciation of and amounts written off formation expenses, intangible an tangible fixed assets</td>
<td>18,106,858.05</td>
<td>14,828,685.14</td>
</tr>
<tr>
<td>E. Amounts written down stocks and trade debtors (appropriations +, write-backs -)</td>
<td>182,864.15</td>
<td>191,460.89</td>
</tr>
<tr>
<td>F. Provisions for risks and charges (appropriations +, uses and write-backs -)</td>
<td>909,837.00</td>
<td>1,725,469.00</td>
</tr>
<tr>
<td>G. Other operating charges</td>
<td>1,014,901.38</td>
<td>2,778,530.97</td>
</tr>
<tr>
<td><strong>OPERATING PROFIT (LOSS)</strong></td>
<td>3,778,157.62</td>
<td>33,748,809.27</td>
</tr>
<tr>
<td><strong>FINANCIAL INCOME (+)</strong></td>
<td>23,217,663.76</td>
<td>8,831,171.49</td>
</tr>
<tr>
<td><strong>FINANCIAL CHARGES (-)</strong></td>
<td>691,669.52</td>
<td>4,728,736.41</td>
</tr>
<tr>
<td><strong>GAIN (LOSS) ON ORDINARY ACTIVITIES</strong></td>
<td>26,304,151.86</td>
<td>37,851,244.35</td>
</tr>
<tr>
<td><strong>EXTRAORDINARY INCOME (+)</strong></td>
<td>89,278.89</td>
<td>912,670.06</td>
</tr>
<tr>
<td><strong>EXTRAORDINARY CHARGES (-)</strong></td>
<td>1,825,748.51</td>
<td>1,031,109.63</td>
</tr>
<tr>
<td><strong>PROFIT (LOSS) FOR THE PERIOD</strong></td>
<td>24,567,682.24</td>
<td>37,732,804.78</td>
</tr>
</tbody>
</table>