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transformation in Ukraine



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<https://eecore.snau.edu.ua/>

СЕРТИФІКАТНИЙ НАВЧАЛЬНИЙ КУРС

КОРПОРАТИВНА СОЦІАЛЬНА ВІДПОВІДАЛЬНІСТЬ/ ВІДПОВІДАЛЬНА ДІЛОВА ПОВЕДІНКА та СОЦІАЛЬНЕ ПІДПРИЄМНИЦТВО 2023



SNAU
University that
studies life

Тема. Інституційне
соціально відповідальних
університетів в
міжнародних рейтингах

лідерство

контексті

Інна ХОВРАК

<https://eecore.snau.edu.ua/komanda-proiektu/inna-hovrak/>



30.05.2023

15.30 EEST

УВАГА! ВЕДЕТЬСЯ ПРЯМА ТРАНСЛЯЦІЯ ТА ЗАПИС ЗАХОДУ НА **YOUTUBE**



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Інституційне лідерство соціально відповідальних університетів в контексті міжнародних рейтингів

- 1. Взаємозв'язок соціальної відповідальності університетів та етичного лідерства**
- 2. Порівняння основних міжнародних рейтингів університетів**
- 3. The Times Higher Education Impact Rankings**
- 4. The UI GreenMetric World University Ranking**
- 5. QS Sustainability Rankings**



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1. Взаємозв'язок соціальної відповідальності університетів та етичного лідерства



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International Encyclopedia of Education (Fourth
Edition)
2023, Pages 137-145



The ethical imperative in educational leadership

Christopher M. Branson

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Sustainable Production and Consumption
Volume 22, April 2020, Pages 195-204



Research article

Ethical leadership in sustainable organizations: The moderating role of general self-efficacy and the mediating role of organizational trust

Sehrish Ilyas^{a, b} , Ghulam Abid^a, Fouzia Ashfaq^b

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<https://doi.org/10.1016/j.spc.2020.03.003>

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Nurse Education Today
Volume 30, Issue 3, April 2010, Pages 224-227



Educating for ethical leadership

Ann Gallagher , Verena Tschudin

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Procedia - Social and Behavioral Sciences
Volume 230, 12 September 2016, Pages 463-470



The Role of Ethical Leadership on Employee Performance in Guilan University of Medical Sciences ☆

Hamid Reza Rezaei Kelidbari, Mehdi Fadaei, Pejman Ebrahimi ,

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<https://doi.org/10.1016/j.sbspro.2016.09.058>

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Tempus

544343-TEMPUS-1-2013-1-LT-TEMPUS-SMHES
Number of the Grant Agreement
2013-4580/001-001

ELITE Education for Leadership, Intelligence and Talent Encou

Проект TEMPUS «Освіта для лідерства, інтелігентності та розвитку таланту»
Інститут вищої освіти НАПН України

С. Калашнікова

Розвиток лідерського потенціалу
сучасного університету:
основи та інструменти



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Параметри еволюційних рівнів управління

Параметри	Адміністрування	Менеджмент	Лідерство
Визначальний чинник	Матеріальні ресурси	Матеріальні та інформаційні ресурси	Людські ресурси (люди)
Ключове завдання	Управління кадрами	Менеджмент людських ресурсів	Розвиток людського потенціалу
Співробітники	Підлегли	Підлегли	Послідовники
Група	Трудовий колектив	Колектив	Команда
Прийняття рішень	Індивідуальне	Індивідуальне та колегіальне	Колегіальне
Інструменти впливу	Адміністративний тиск	Матеріальні стимули	Внутрішні мотиви, власний приклад
Ключові дієслова	Контролювати, розподіляти	Делегувати, оцінювати	Допомагати, розвивати
Відповідальність	Адміністративна	Фінансова	Соціальна

Еволюція та домінування моделей управління:

1880–1940 – адміністрування (влада)

1940–1990 – менеджмент (влада – процеси)

1990 – т.ч. – врядування-лідерство (відповідальність – відносини)

Source:

<http://surl.li/hiubl>

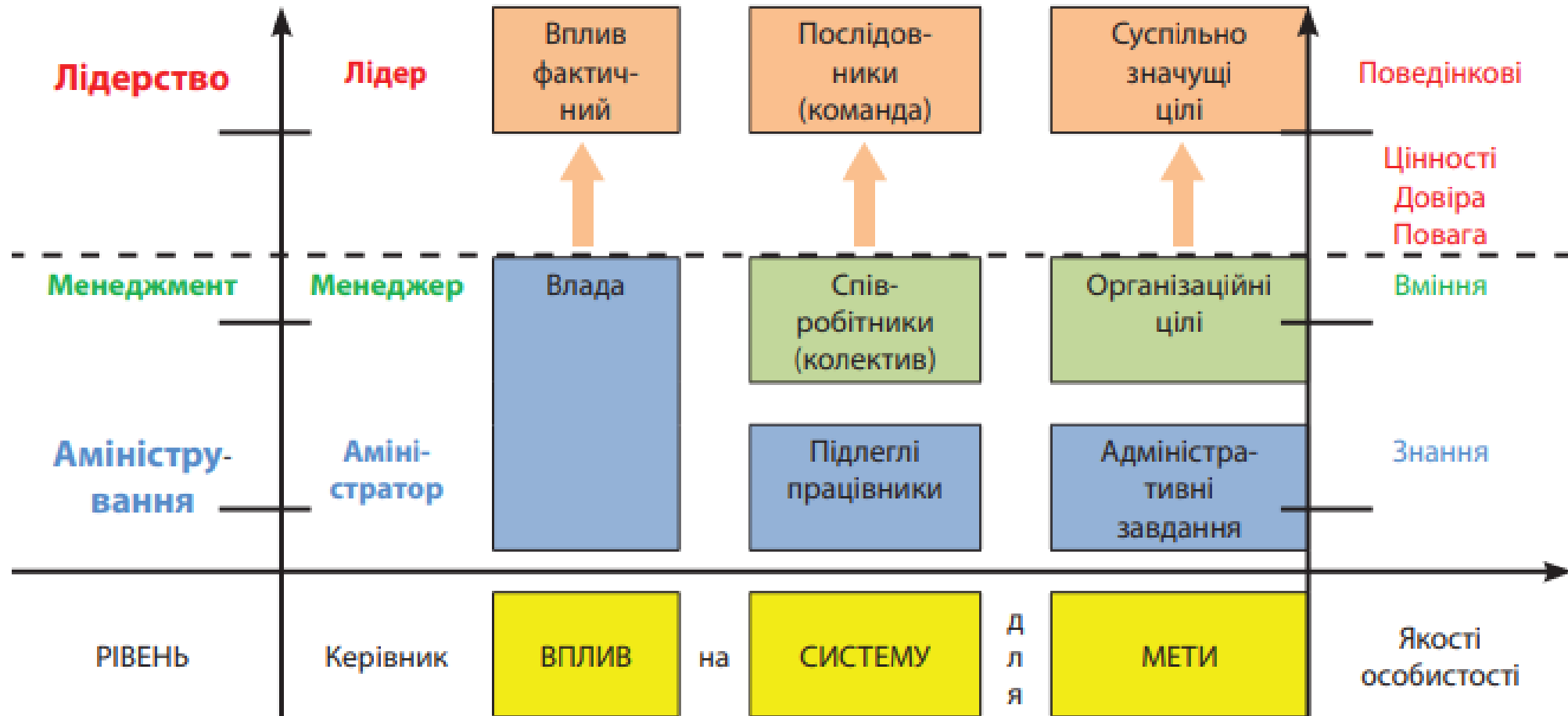


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Залежність між еволюційними рівнями управління та базовими якостями особистості управлінця



Source:

<http://surl.li/hiubl>



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Види лідерства

Відповідно до основних видів діяльності (індивідуальна та групова), виокремлюють два види лідерства – індивідуальне та організаційне.

Поняття	Індивідуальне лідерство – суб'єктом прояву лідерства виступає окрема особистість. Прояв може здійснюватися як безпосередньо стосовно себе (саморозвиток особистості), так і відносно інших особистостей.
Поняття	Інституційне (або організаційне) лідерство – суб'єктом прояву лідерства виступає організація. Прояв може здійснюватися як безпосередньо стосовно себе (саморозвиток організації), так і стосовно інших організацій.
Важливо	Індивідуальне лідерство є первинним відносно інституційного / організаційного.

Типи лідерства

Відповідно до основних видів суспільної діяльності та соціального управління констатуються типи лідерства, серед яких: політичне, державне, підприємницьке (бізнес), громадське, освітнє тощо.

Поняття	<p>Освітнє лідерство слід розглядати у таких трьох взаємопов'язаних аспектах:</p> <ul style="list-style-type: none"> ■ лідерство в освіті (діяльність керівників, викладачів, студентів / учнів та, як результат, освітніх закладів-лідерів); ■ лідерство для освіти (діяльність науковців, громадських активістів, батьків та інших стейкхолдерів задля розвитку освіти); ■ лідерство освіти (діяльність держави (державна політика) щодо забезпечення пріоритетного розвитку освітньої сфери).
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Source:

<http://surl.li/hiubl>

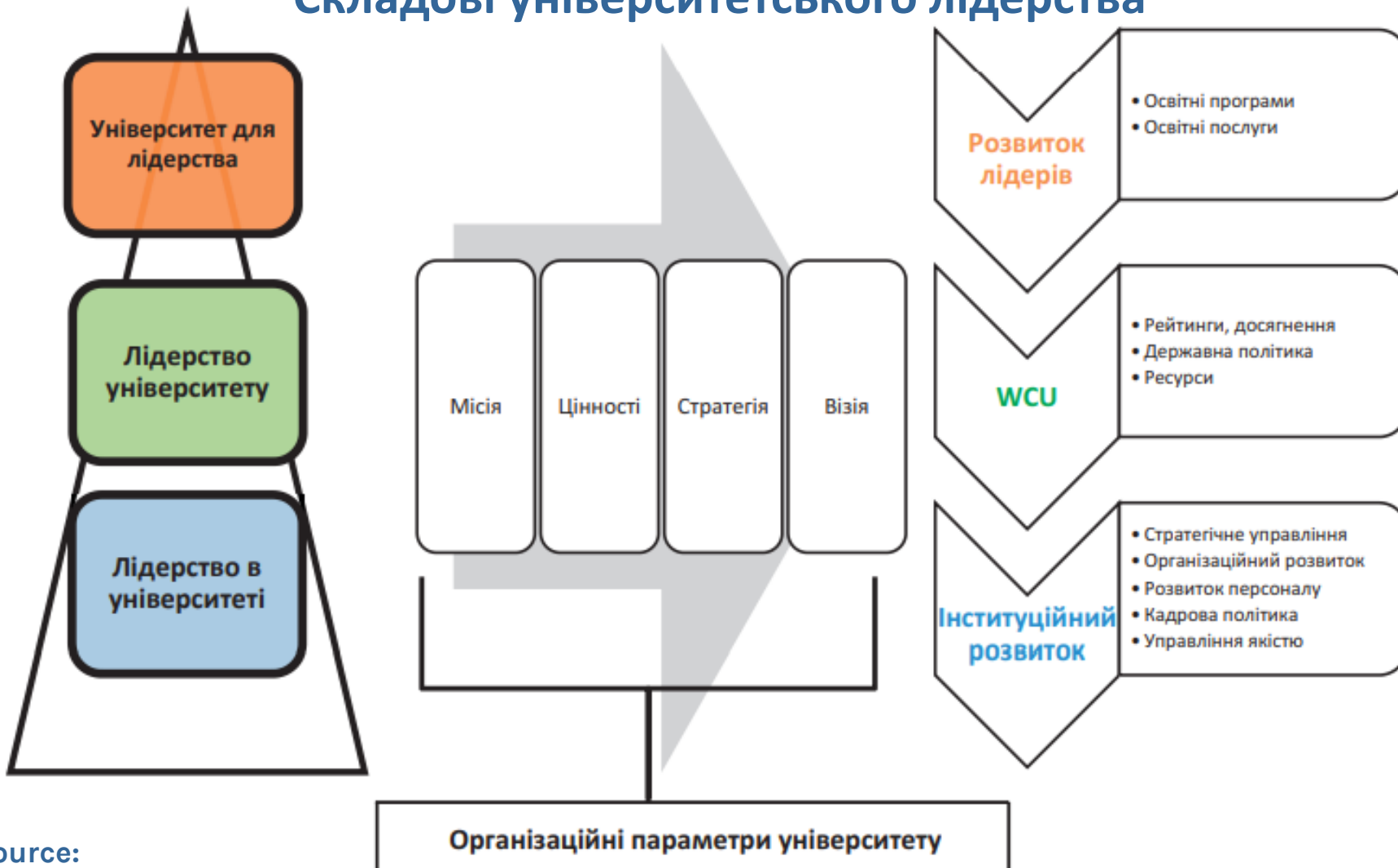


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Складові університетського лідерства



У межах реалізації Проекту Програми TEMPUS «Освіта для лідерства, інтелігентності та розвитку таланту» експертами було сформульовано визначення поняття «університетське лідерство» та ідентифіковано його складові.

ELITE – Education for Leadership, Intelligence and Talent Encouraging. –
URL: <http://elite-project.eu>



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До основних механізмів інституційного розвитку університетів,

які забезпечують імплементацію взаємозв'язку між університетською автономією-відповідальністю, врядуванням і лідерством у вищій освіті, слід віднести:

- ❖ організаційний дизайн і розвиток;
- ❖ стратегічне управління;
- ❖ розвиток внутрішніх і зовнішніх політики і програм;
- ❖ інституційна діагностика та аудит;
- ❖ розвиток персоналу;
- ❖ розвиток внутрішніх систем забезпечення якості вищої освіти;
- ❖ розвиток командного лідерства;
- ❖ управління змінами тощо.

Source:

<http://surl.li/hiubl>

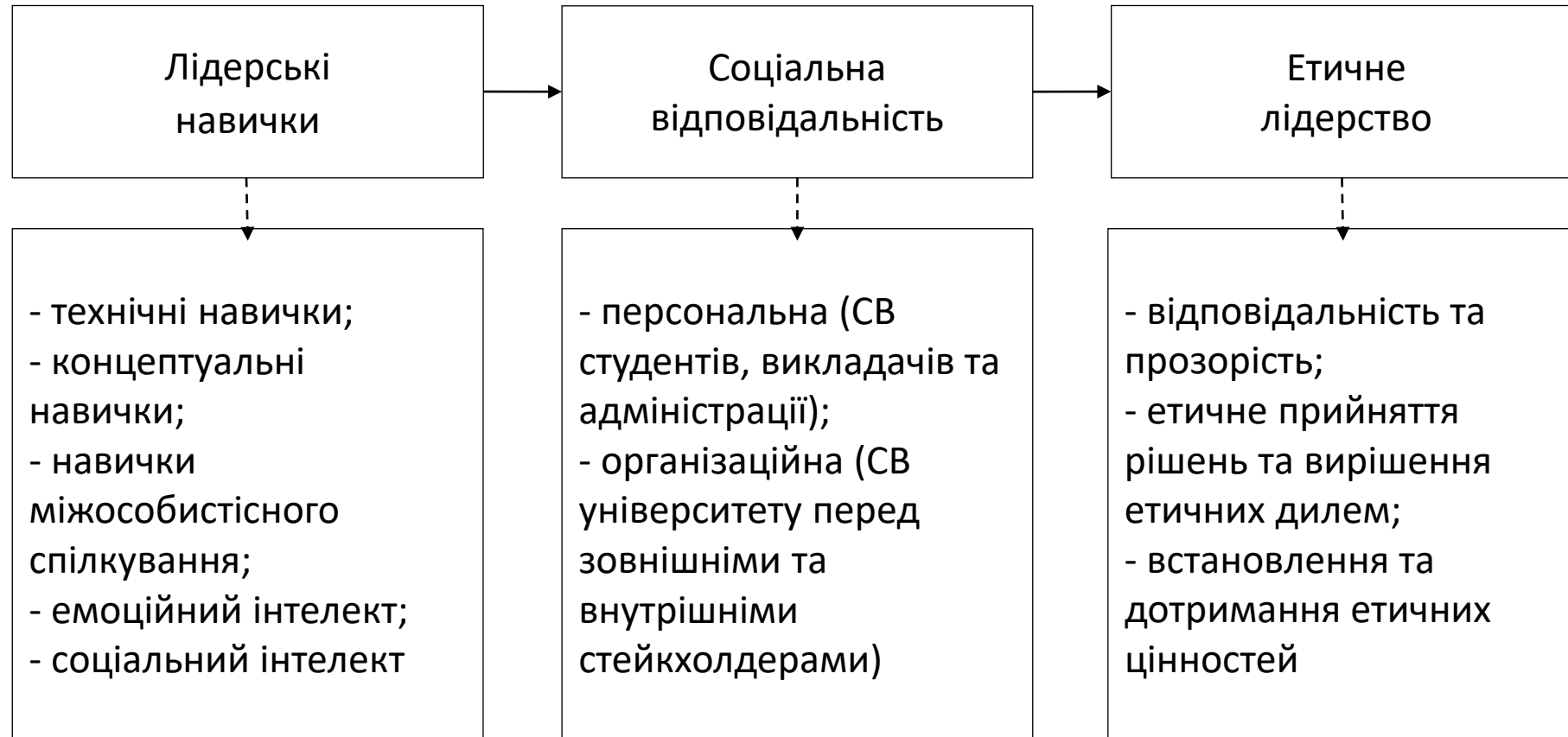


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Взаємозв'язок соціальної відповідальності університетів та етичного лідерства



Source:

<http://surl.li/hhytm>



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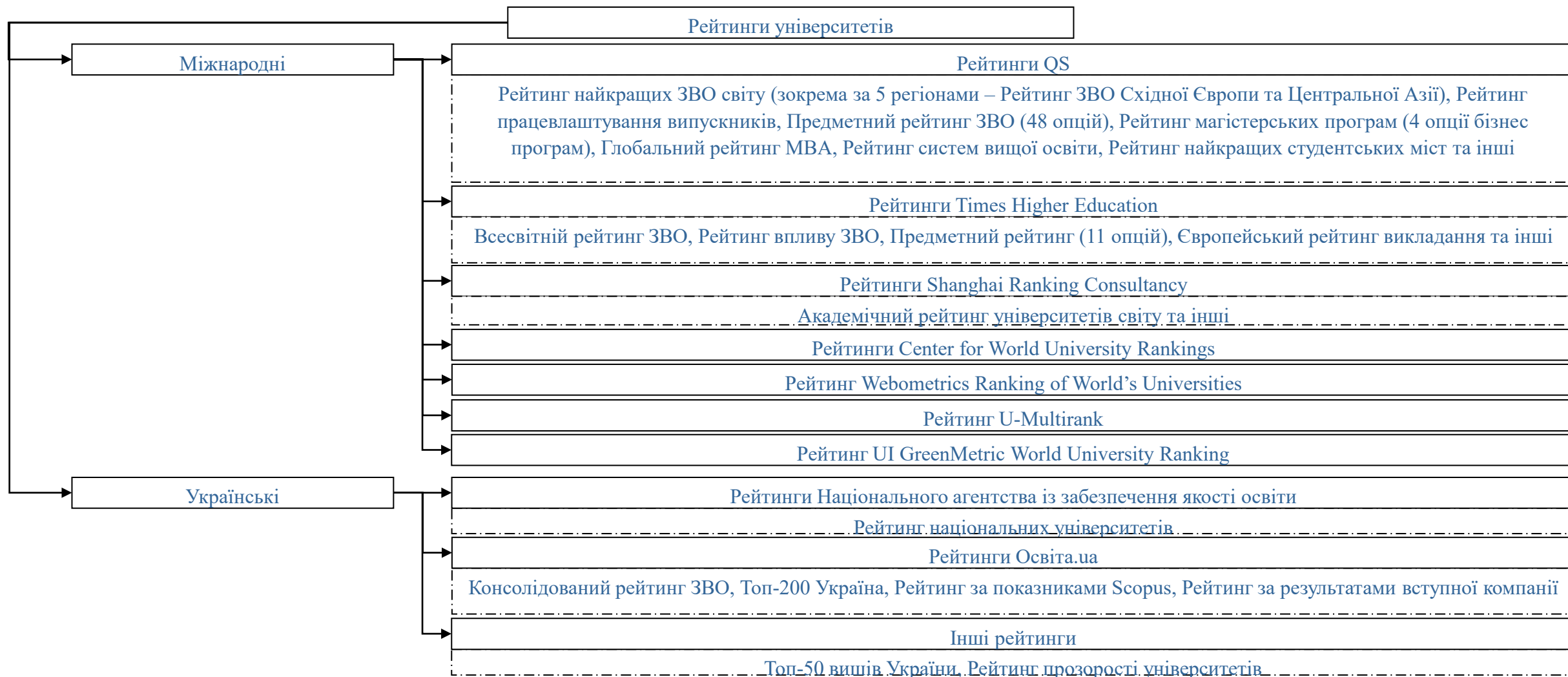
2. Порівняння основних міжнародних рейтингів університетів



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QS Best Student Cities in the World for Studying Abroad

To be considered for inclusion, each city must have a population of over **250,000**, and be home to **at least two universities** featured in the most recent QS World University Rankings®. For population metrics, the metropolitan area is used where possible. Current calculations suggest that **164** cities qualify for consideration.

Indicators:

University rankings

- How many universities does the city have which are in the QS World University Rankings?
- How well do those universities perform in the latest rankings?

Student mix

- What proportion of the city's population are students?
- How many international students are enrolled in the city?
- How inclusive is the city and the country it's located in?

Desirability

- How safe is the city?
- What are the pollution levels like in the city?
- How many respondents to our student survey wanted to study in the city?

Employer activity

- What is youth employment like in the city?
- What do employers think of the graduates produced by universities in the city?

Affordability

- How much does tuition cost at the city's universities?
- What is the cost of living for students in the city?

Student voice

- What ratings did students give the city's friendliness, sustainability, diversity and more?
- What proportion of students continue to live in the city after graduation?

Source:

<https://www.topuniversities.com/best-student-cities/>



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QS Best Student Cities in the World for Studying Abroad 2023

Rank	City	Overall Score
1	London, United Kingdom	100
=2	Munich, Germany	95.1
=2	Seoul, South Korea	95.1
4	Zurich, Switzerland	95
5	Melbourne, Australia	93.3
6	Berlin, Germany	93.2
7	Tokyo, Japan	92.9
8	Paris, France	92.4
9	Sydney, Australia	91.6
10	Edinburgh, United Kingdom	90.6

Rank	City	Overall Score
39	Prague, Czech Republic	75
58	Warsaw, Poland	67.2
62	Brno, Czech Republic	64.7
66	Budapest, Hungary	61.9
91	Krakow, Poland	51.4
117	Wroclaw, Poland	41
122	Cluj-Napoca, Romania	38
131	Timisoara, Romania	35.5
132	Bucharest, Romania	35.2
137	Iasi, Romania	33

Source:

<https://www.topuniversities.com/best-student-cities/>



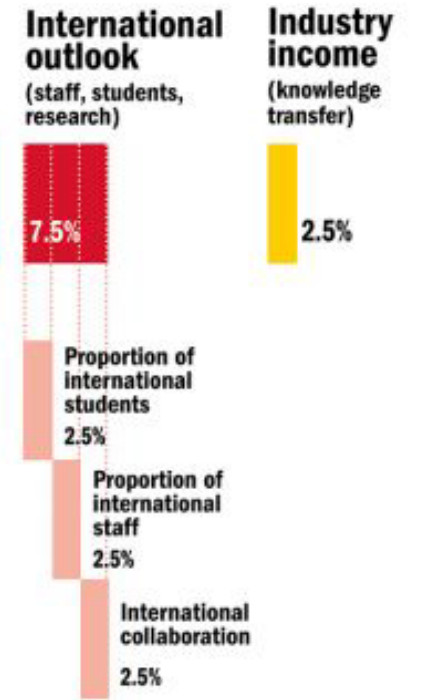
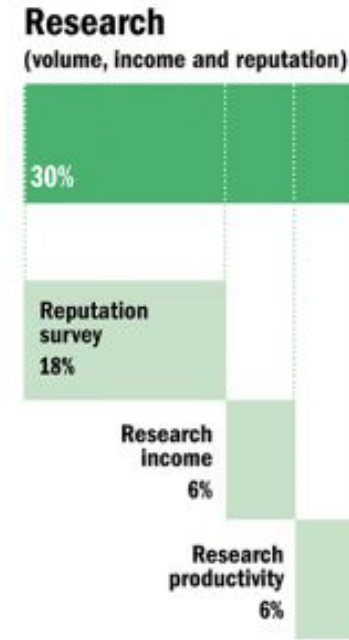
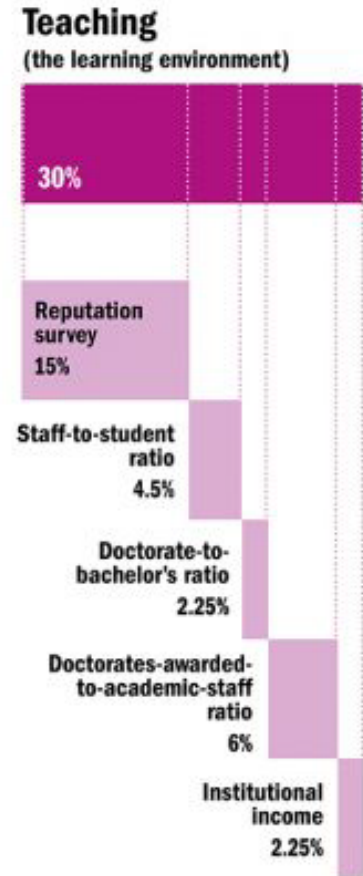
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Times Higher Education World University Rankings 2023

include 1,799
universities across 104
countries and regions



Source:

<https://www.timeshighereducation.com/world-university-rankings>



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Times Higher Education World University Rankings 2023

Rank	University, Country	Overall Score
1	University of Oxford, UK	96.4
2	Harvard University, US	95.2
=3	University of Cambridge, UK	94.8
=3	Stanford University, US	94.8
5	Massachusetts Institute of Technology, US	94.2
6	California Institute of Technology, US	94.1
7	Princeton University, US	92.4
8	University of California, Berkeley, US	92.1
9	Yale University	91.4
10	Imperial College London	90.4

Rank	University, Country (Poland)	Overall Score
351–400	Wroclaw Medical University	45.0-46.9
601–800	Jagiellonian University	34.0-39.2
601–800	Medical University of Lodz	34.0-39.2
801–1000	Medical University of Gdańsk	29.8-33.9
801–1000	University of Warsaw	29.8-33.9
1001–1200	Adam Mickiewicz University, Poznań	24.4-29.7
1001–1200	Medical University of Białystok	24.4-29.7
1001–1200	SWPS University of Social Sciences and Humanities	24.4-29.7
1201–1500	AGH University of Science and Technology	18.4-24.3
1201–1500	University of Gdańsk	18.4-24.3

Source:

<https://www.timeshighereducation.com/world-university-rankings>



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Times Higher Education World University Rankings 2023

Rank	University, Country (Ukraine)	Overall Score
401-500	Sumy State University	42.1-44.9
601-800	Lviv Polytechnic National University	34.0-39.2
1001–1200	Kharkiv National University of Radio Electronics	24.4-29.7
1201–1500	Ivan Franko National University of Lviv	18.4-24.3
1201–1500	National Technical University Kharkiv Polytechnic Institute	18.4-24.3
1201–1500	National Technical University of Ukraine – Igor Sikorsky Kyiv Polytechnic Institute	18.4-24.3
1201–1500	Oles Honchar Dnipro National University	18.4-24.3
1201–1500	Taras Shevchenko National University of Kyiv	18.4-24.3
1201–1500	V.N. Karazin Kharkiv National University	18.4-24.3
1201–1500	Yuriy Fedkovych Chernivtsi National University	18.4-24.3

Source:

<https://www.timeshighereducation.com/world-university-rankings>

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2022 Academic Ranking of World Universities

Criteria	Indicator	Code	Weight
Quality of Education	Alumni of an institution winning Nobel Prizes and Fields Medals	Alumni	10%
Quality of Faculty	Staff of an institution winning Nobel Prizes and Fields Medals	Award	20%
	Highly Cited Researchers	HiCi	20%
Research Output	Papers published in Nature and Science*	N&S	20%
	Papers indexed in Science Citation Index-Expanded and Social Science Citation Index	PUB	20%
Per Capita Performance	Per capita academic performance of an institution	PCP	10%

*For institutions specialized in humanities and social sciences such as London School of Economics, N&S is not considered, and the weight of N&S is relocated to other indicators.

ARWU considers every university that has any Nobel Laureates, Fields Medalists, Highly Cited Researchers, or papers published in Nature or Science. In addition, universities with a significant amount of papers indexed by Science Citation Index-Expanded (SCIE) and Social Science Citation Index (SSCI) are also included. In total, more than 2500 universities are actually ranked, and the best 1000 are published.

Source:

<https://www.shanghairanking.com/rankings/arwu/2022>



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2022 Academic Ranking of World Universities

Rank	University, Country	Overall Score
1	Harvard University	100.0
2	Stanford University	76.8
3	Massachusetts Institute of Technology (MIT)	70.1
4	University of Cambridge, UK	69.6
5	University of California, Berkeley	65.3
6	Princeton University	60.0
7	University of Oxford, UK	58.7
8	Columbia University	57.2
9	California Institute of Technology	56.1
10	University of Chicago	55.1

Rank	University, Country (Poland)	National Rank
401-500	Jagiellonian University	1-2
401-500	University of Warsaw	1-2
601-700	AGH University of Science and Technology	3
801-900	Gdansk University of Technology	4-6
801-900	Warsaw University of Life Sciences	4-6
801-900	Wroclaw Medical University	4-6
901-1000	Adam Mickiewicz University	7-11
901-1000	Medical University of Warsaw	7-11
901-1000	Nicolaus Copernicus University	7-11
901-1000	Warsaw University of Technology	7-11

Source:

<https://www.shanghairanking.com/rankings/arwu/2022>



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Center for World University Rankings

CWUR uses seven objective and robust indicators grouped into four areas to rank the world's universities:

- 1) **Education:** based on the academic success of a university's alumni, and measured by the number of a university's alumni who have won prestigious academic distinctions relative to the university's size (25%)
- 2) **Employability:** based on the professional success of a university's alumni, and measured by the number of a university's alumni who have held top positions at major companies relative to the university's size (25%)
- 3) **Faculty:** measured by the number of faculty members who have won prestigious academic distinctions (10%)
- 4) **Research:**
 - i) Research Output: measured by the total number of research papers (10%)
 - ii) High-Quality Publications: measured by the number of research papers appearing in top-tier journals (10%)
 - iii) Influence: measured by the number of research papers appearing in highly-influential journals (10%)
 - iv) Citations: measured by the number of highly-cited research papers (10%)

Source:

<https://cwur.org/>



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Global 2000 list by the Center for World University Rankings 2023

Rank	University, Country	Overall Score
1	Harvard University	100.0
2	Massachusetts Institute of Technology (MIT)	96.7
3	Stanford University	95.2
4	University of Cambridge, UK	94.1
5	University of Oxford, UK	93.3
6	Princeton University	92.6
7	University of Chicago	92.1
8	Columbia University	91.6
9	University of Pennsylvania	91.2
10	Yale University	90.8

Rank	University, Country (Poland)	Overall Score
383	Jagiellonian University	75.6
409	University of Warsaw	75.3
602	AGH University of Science and Technology	73.3
670	Henryk Niewodniczański Institute of Nuclear Physics	72.7
723	Warsaw University of Technology	72.3
815	Adam Mickiewicz University	71.6
819	National Centre for Nuclear Research	71.6
870	University of Wrocław	71.2
896	Medical University of Warsaw	71.1
899	Wroclaw Medical University	71.0

Source:

<https://cwur.org/>



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Global 2000 list by the Center for World University Rankings 2023

Rank	University, Country (Ukraine)	Overall Score
1170	Institute of Mathematics of the National Academy of Sciences of Ukraine	69.5
1190	Kharkov Institute of Physics and Technology	69.4
1467	Taras Shevchenko National University of Kyiv	68.0
1779	Institute for Nuclear Research of the National Academy of Sciences of Ukraine	66.8
1802	V.M. Glushkov Institute of Cybernetics of the National Academy of Sciences of Ukraine	66.7
1908	Institute for Scintillation Materials	66.3

Source:

<https://cwur.org/>



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Webometrics

Current calculation of indicators

Published figures are **RANKS** (lower is better), intended for showing individual performances, but they are not the values used in the calculations. Due to technical issues several key changes (marked in red) have been done, so the following table describes the current methodology:

INDICATORS	MEANING	METHODOLOGY	SOURCE	WEIGHT
PRESENCE	Public knowledge shared	DISCONTINUED		
VISIBILITY	Web contents Impact	Number of external networks (subnets) linking to the institution's webpages (normalized and then the maximum value is chosen)	<i>Ahrefs</i> <i>Majestic</i>	50%
TRANSPARENCY (or OPENNESS)	Top cited researchers	Number of citations from UPDATED Top 310 authors (excluding the top 30 outliers) See Transparent Ranking for additional info	<i>Google Scholar Profiles</i>	10%
EXCELLENCE (or SCHOLAR)	Top cited papers	Number of papers amongst the top 10% most cited in each one of the all 27 disciplines of the full database Data for the five year period: 2017-2021	<i>Scimago</i>	40%

Source:

<https://www.webometrics.info/>



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Webometrics 2023

<u>ranking</u>	<u>University</u>	<u>Det.</u>	<u>Country</u>	<u>Impact Rank*</u>	<u>Openness Rank*</u>	<u>Excellence Rank*</u>
1	Harvard University	99		1	1	1
2	Stanford University	99		3	2	4
3	Massachusetts Institute of Technology	99		1	3	15
4	University of California Berkeley	99		4	4	27
5	University of Oxford	99		15	5	5
6	University of Michigan	99		8	10	8
7	University of Washington	99		6	80	10
7	Cornell University	99		5	15	23
9	Columbia University New York	99		9	7	18
10	Johns Hopkins University	99		16	35	7

Source:

<https://www.webometrics.info/>



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Webometrics 2023

ranking	World Rank	University	Det.	Country	Impact Rank*	Openness Rank*	Excellence Rank*
67	1259	Polytechnic Institute / Національний технічний університет України Київський політехнічний інститут			699	1072	2524
71	1328	National Taras Shevchenko University of Kyiv / Київський національний університет Тараса Шевченка			2102	1551	1501
72	1340	Sumy State University / Сумський державний університет			1424	1189	2024
105	1729	National University of Life and Environmental Sciences of Ukraine (National Agricultural University) / Національний Університет біоресурсів і природокористування України			1369	1336	2961
123	1849	National Aviation University (Kyiv International University of Civil Aviation) / Національний авіаційний університет			1480	1543	3059
140	2056	Kharkiv National University of Radio Electronics / Харківський національний університет радіоелектроніки			2693	1604	2846
176	2533	(1) National Technical University Kharkiv Polytechnical Institute / Национальный технический университет Харьковский политехнический институт			4906	1184	3096
181	2650	Ivan Franko National University of Lviv / Львівський національний університет Івана Франка			1035	6553	2999
199	2819	Lviv Polytechnic National University / Національний університет Львівська політехніка			5164	6553	1471
204	2899	Ternopil National Medical University / Тернопільський Національний Медичний Університет			5750	2027	3256

Source:

<https://www.webometrics.info/>



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U-Multirank

U-Multirank is a multidimensional, user-driven approach to international ranking of higher education institutions. It compares the performances of higher education institutions – in short: universities – in the five dimensions of university activity:

- (1) teaching and learning,
- (2) research,
- (3) knowledge transfer,
- (4) international orientation and
- (5) regional engagement.

The U-Multirank web tool enables comparisons at the level of the university as a whole and at the level of specific study programmes. Based on empirical data, U-Multirank compares institutions with similar institutional profiles ('like-with-like') and allows users to develop their own personalised rankings by selecting indicators in terms of their own preferences.

Source:

<https://www.umultirank.org/>



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U-Multirank

General	
Total number of students	Total number of students in the degree programme.
Students in their 1st year	Number of first-year students in the degree programme.
International students	Number of international students in the degree programme.
Total number of students in field (major)	Total number of students taking the subject at the department, excluding minor subject students.
Percentage of female students	Percentage of female students enrolled at the department.
Academic staff (fte)	Number of full-time equivalent academic staff at the institution.
Period of study	The normative period of study for the degree programme (years).
Tuition fees for national students	Tuition fees national students are being charged.
Tuition fees for international students	Tuition fees international students are being charged.
Female academic staff	The number of female academic staff as a percentage of total number of academic staff.
Social Inclusion	The percentages among all new bachelor entrants of selected groups of traditionally underrepresented groups: mature students, students with disabilities as well as bachelor and master students with non-academic family background (first generation students).
Social Inclusion	The percentages among all new bachelor entrants of selected groups of traditionally underrepresented groups: mature students, students with disabilities as well as bachelor and master students with non-academic family background (first generation students).

Regional Engagement	
Student Internships in the region	Out of the students who did an internship, the percentage for which the internship was with a company or organisation located in the region.
Regional Joint publications	The percentage of the department's research publications that list at least one co-author with an affiliate address in the same spatial region (within a distance of 50 km from the university).
Income from regional sources	The proportion of external research revenues – apart from government or local authority core/recurrent grants – that comes from regional sources (i.e. industry, private organisations, charities).
BA graduates working in region	The percentage of bachelor graduates who found their first job (after graduation) in the region where the university is located.
Student Internships in region	The percentage of all the university's students doing an internship whose internship was with a company or organisation located in the same region as the university.
Regional Joint publications	The percentage of the university's research publications that list at least one co-author with an affiliate address located in the same spatial region (within a distance of 50 km).
Income from regional sources	The proportion of external research revenues - apart from government or local authority core/recurrent grants – that comes from regional sources (i.e. industry, private organisations, charities).
MA graduates working in region	The percentage of masters graduates who found their first job (after graduation) in the region where the university is located.
Graduates employment in the region	Percentage of graduates working in the region 18 months after graduation.
Regional Publications with Industrial Partners	The proportion of publications with industrial partners that was published with co-authors from the same region (within a distance of 50 km from the university).

Source:

<https://www.umultirank.org/>



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3. The Times Higher Education Impact Rankings



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Impact Rankings 2022: methodology

Definitions of areas

EXPLORE IMPACT RANKINGS FOR INDIVIDUAL SDGS

 OVERALL RANKING	 1 NO POVERTY	 2 ZERO HUNGER	 3 GOOD HEALTH AND WELL-BEING	 4 QUALITY EDUCATION	 5 GENDER EQUALITY	 6 CLEAN WATER AND SANITATION	 7 AFFORDABLE AND CLEAN ENERGY	 8 DECENT WORK AND ECONOMIC GROWTH
 9 INDUSTRY INNOVATION AND INFRASTRUCTURE	 10 REDUCED INEQUALITIES	 11 SUSTAINABLE CITIES AND COMMUNITIES	 12 RESPONSIBLE CONSUMPTION AND PRODUCTION	 13 CLIMATE ACTION	 14 LIFE BELOW WATER	 15 LIFE ON LAND	 16 PEACE, JUSTICE AND STRONG INSTITUTIONS	 17 PARTNERSHIPS FOR THE GOALS

Research: the most obvious, and traditional way that a university might help to deliver the SDGs is by creating research in relevant topics.

Stewardship: universities are custodians of significant resources; not just physical resources, but also their employees, faculty, and students. How they act as stewards is one of the key factors in delivering the SDGs.

Outreach: place is critical in higher education, and the work that universities do with their local, regional, national and international communities is another key way that they can have an impact on sustainability.

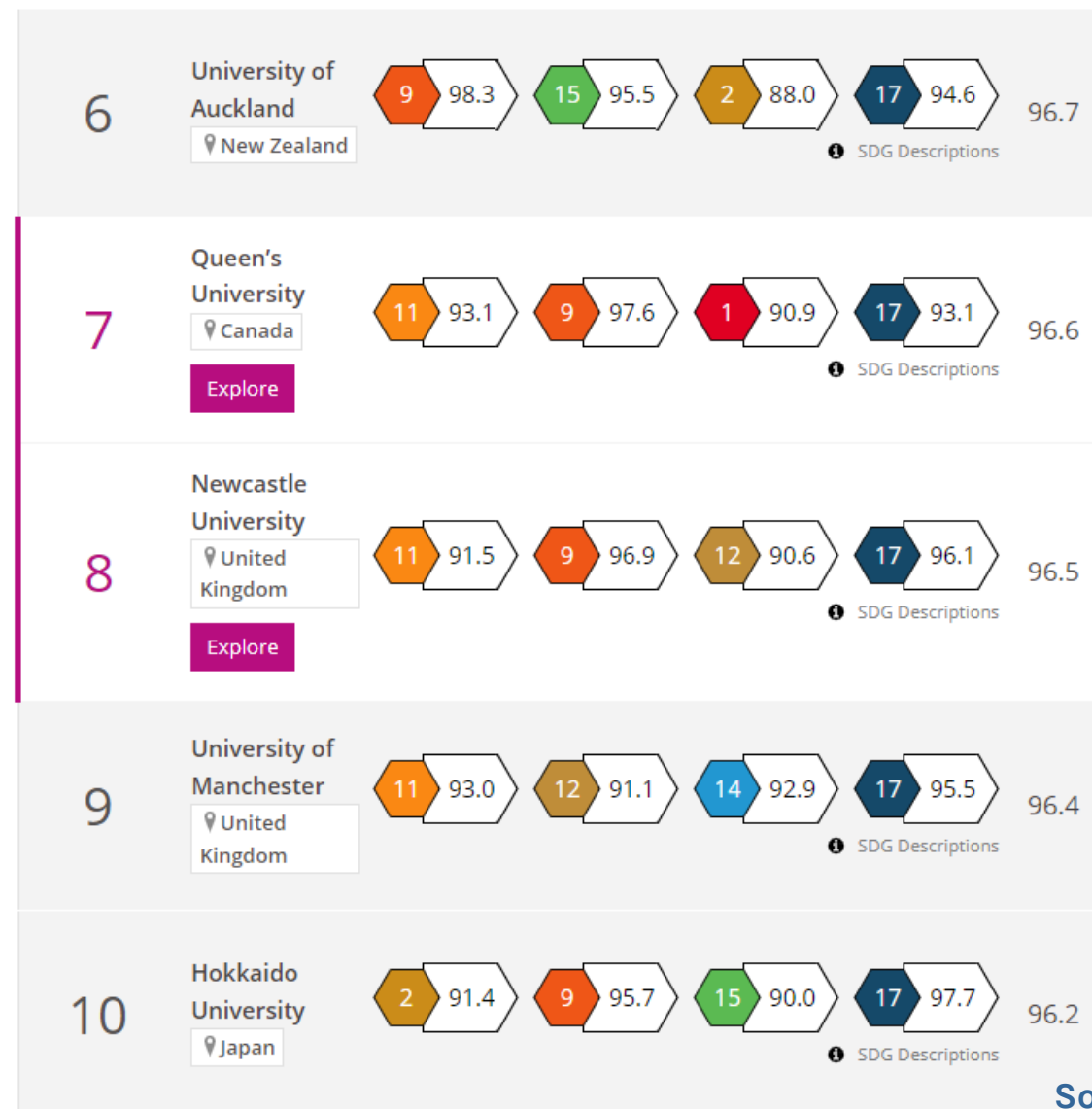
Teaching: teaching plays a critical role, both in ensuring that there are enough skilled practitioners to deliver on the SDGs, and in making sure that all alumni take forward the key lessons of sustainability into their future careers.



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Source:

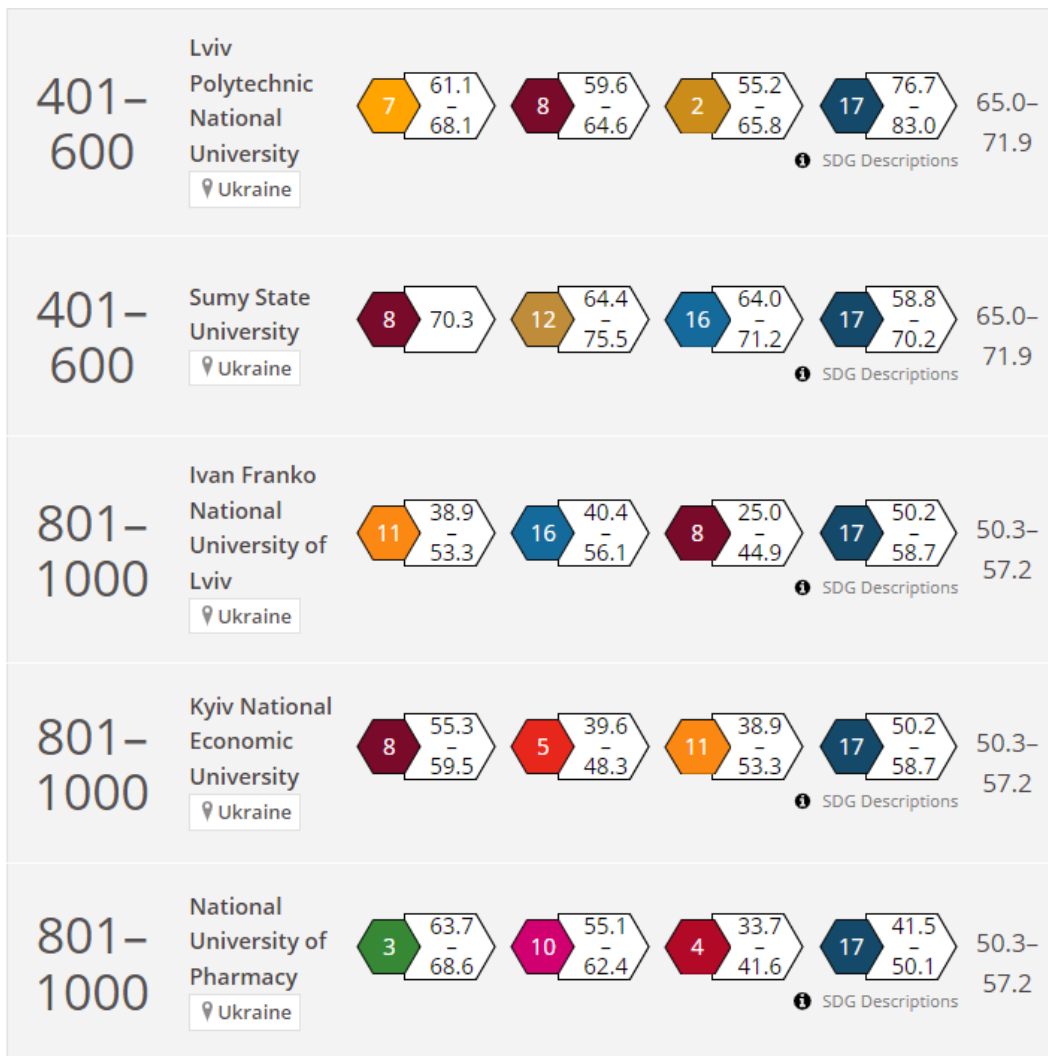
<https://www.timeshighereducation.com/impactrankings>



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Рейтинг 2019 був першим виданням та охоплював понад 450 ЗВО із 76 країн, зокрема 5 із України,

рейтинг 2022: 1,406 ЗВО із 106 країн, зокрема 26 із України.

Source:

<https://www.timeshighereducation.com/impactrankings>



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4. The UI GreenMetric World University Ranking




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UI GreenMetric World University Ranking

Universities
Countries

SETTINGS AND INFRASTRUCTURE (SI)
(15%)

Basic information of the university policy towards green environment. Include space for greenery and in safeguarding environment, as well as developing sustainable energy.




ENERGY AND CLIMATE CHANGE (EC)
(21%)

The university's attention to the use of energy and climate change issues. Universities are expected to increase the effort in energy efficiency on their buildings, nature and resources.




WASTE (WS)
(18%)

Waste treatment and recycling programs are major factors in creating a sustainable environment. Universities must take note on its waste production as well as recycling efforts.



WATER (WR)
(10%)

Universities are expected to decrease water usage, increase conservation program, and protect the habitat. This may include water conservation program and piped water usage.



TRANSPORTATION (TR)
(18%)

Universities policies in limiting the number of motor vehicles in campus, the use of campus bus and bicycle to encourage a healthier environment and reduce universities carbon footprint.



EDUCATION AND RESEARCH (ED)
(18%)

University effort in creating and supporting the new generation concern with sustainability issues.

The Rankings have seen a dramatic increase of participants from 95 universities in 35 countries in 2010 to 1050 universities in 85 countries in 2022.



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GUIDELINE

UI GreenMetric World University Rankings 2023

"Innovation, Impacts and Future Direction of Sustainable Universities"




<http://greenmetric.ui.ac.id/>

TIMELINE

UI GreenMetric World University Rankings 2023

"Innovations, Impacts, and Future Direction of Sustainable Universities"







Data Submission
15 May - 31 October

Data Validation
November

Results Announcement
December

Register online at
<https://greenmetric.ui.ac.id/register>

UI GreenMetric    ui.greenmetric greenmetric.ui.ac.id





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Overall Rankings 2022

Rank 2022	University	Country	Total Score	Setting & Infrastructure	Energy & Climate Change	Waste	Water	Transportation	Education & Research
1	Wageningen University & Research	Netherlands	9300	1325	1825	1800	1000	1600	1750
2	Nottingham Trent University	United Kingdom	9175	1300	1975	1800	850	1500	1750
3	University of Nottingham	United Kingdom	9175	1375	1700	1800	1000	1650	1650
4	University of Groningen	Netherlands	9160	1325	1635	1800	1000	1750	1650
5	University of California, Davis	USA	9150	1375	1775	1800	1000	1450	1750
6	Umwelt-Campus Birkenfeld (Trier University of Applied Sciences)	Germany	9125	1175	1975	1575	950	1700	1750
7	University College Cork	Ireland	9075	1250	1800	1725	1000	1600	1700
8	University of Connecticut	USA	9075	1400	1550	1725	1000	1650	1750
9	Universitat Bremen	Germany	9050	1300	1775	1650	900	1700	1725
10	Universidade de Sao Paulo USP	Brazil	9050	1400	1600	1725	950	1700	1675



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Ranking by Country 2022 - Ukraine

Ranking ↑↓	University ↑↓	Country ↑↓	Total Score ↑↓	Setting and Infrastructure ↑↓	Energy and Climate Change ↑↓	Waste ↑↓	Water ↑↓	Transportation ↑↓	Education ↑↓
1	Ukrainian National Forestry University	Ukraine	7485	1100	1200	1350	560	1550	1725
2	The National University of Ostroh Academy	Ukraine	7045	1100	1185	1575	360	1650	1175
3	Sumy State University	Ukraine	6810	1000	1310	1050	700	1375	1375
4	Lviv Polytechnic National University	Ukraine	6525	775	1300	1050	350	1450	1600
5	Uman National University of Horticulture	Ukraine	5445	700	1250	975	510	975	1035
6	West Ukrainian National University	Ukraine	4845	550	935	675	360	1075	1250
7	Sumy National Agrarian University	Ukraine	4545	1025	835	525	210	850	1100
8	Kyiv National University of Technologies and Design	Ukraine	4485	840	710	600	250	785	1300
9	Uzhhorod National University	Ukraine	4180	770	975	525	210	610	1090
10	National University "Yuri Kondratyuk Poltava polytechnic"	Ukraine	4095	640	845	450	400	885	875

Showing 1 to 10 of 17 entries



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Most sustainable
university in the
world



Best university in The
Netherlands



#59 Best university
in the world



7 Gold medals EW
best university

- ✓ Sustainability is in our DNA. It plays a key role in everything we say and do, and is rooted not only in our research and education, but even in the way WUR is governed.
- ✓ Corporate social responsibility is an important pillar for Wageningen University & Research.

Sustainability in our themes

Sustainability is a common denominator in the central themes of our research and education: Biodiversity, Climate change, Circular & Biobased Economy, From hunger to food security, and Nutrition & Health. The sixth theme, Artificial Intelligence, is a common thread that runs through all these themes.



Circular & Biobased
Economy



Feeding the world



Nutrition & Health



Artificial Intelligence



Biodiversity



Climate change

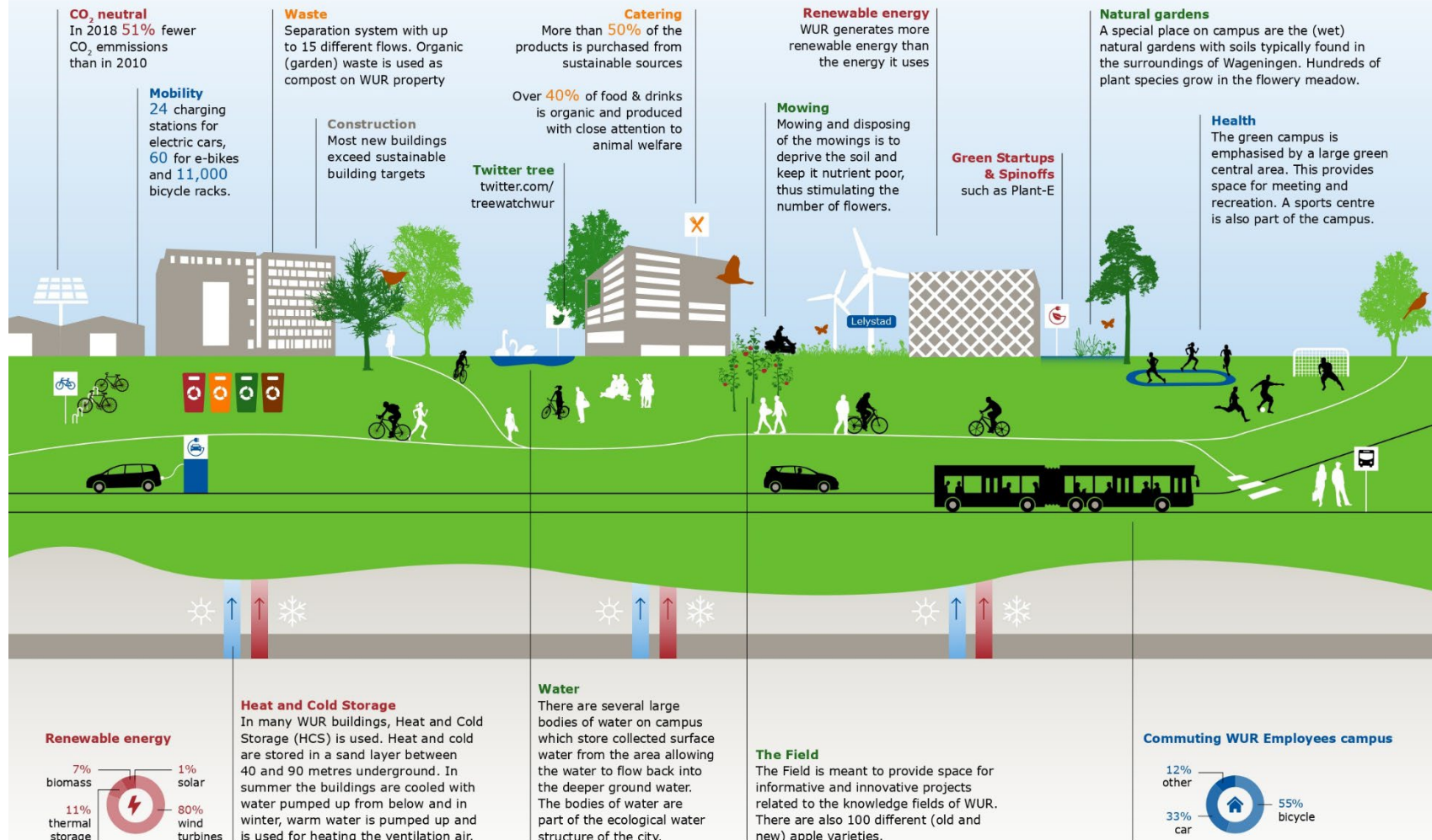


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Sustainability Wageningen University & Research



Sustainable campus

Wageningen Campus inspires innovators to work on a sustainable future by providing a highly sustainable work-environment, which is already 80% climate neutral.

<https://subsites.wur.nl/en/campus/campus/sustainable-campus.htm>



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5. QS Sustainability Rankings



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QS World University Rankings: Sustainability 2023

Environmental impact

The environmental impact rankings reflect the outward impact a university is making when it comes to building a sustainable institution, engaging in relevant and impactful research and embedding sustainability in the curriculum.

The **sustainable institutions** indicator considers whether a university holds membership in officially-recognised climate action or sustainability groups, has a publicly available sustainability strategy and energy emissions report, has student societies focused on environmental sustainability, and a published commitment to becoming [NetZero](#).

The **sustainable education** indicator looks at alumni outcomes and academic reputation within earth, marine and environmental sciences courses, and the availability of courses that embed climate science and/or sustainability within the curriculum. If a university has a research centre dedicated to environmental sustainability, further points are gained.

The **sustainable research** indicator assesses the university's research activity around the [United Nation's Sustainable Development Goals](#) and whether the government is funding research and development in this area.

Social impact

The **equality** indicator assesses institutions on a variety of measures including the proportion of female students and faculty, the availability of public equality, diversity and inclusion policy, and the disability support available.

The **knowledge exchange** indicator measures universities on their commitment to knowledge transfer in collaboration with less-economically-supported institutions, and a university's inclination to partner with other institutions and organisations.

Impact of education looks at the university's research into quality education, alumni impact and academic reputation in relevant social subjects, and how free students and academics are in pursuing their research without censorship.

The **employability and opportunities** indicator gives each university an employer reputation score and an employment outcomes score, based on how prepared students are for successful careers. Universities are also assessed on research into work and economic growth, and peace, justice and strong institutions, as well as the rate of unemployment within the country they're based in.

Quality of life is the final social impact indicator, used to understand an institution's commitment to wellbeing within and outside of the university. We also look at research activity into quality of life, health options on campus and air quality in the region, for example.













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QS World University Rankings: Sustainability 2023

↑ Overall Rank	↓ University	↓ Environmental Impact Rank	↓ Social Impact Rank
1	 University of California, Berkeley (UCB) 📍 Berkeley, United States	1	1
2	 University of Toronto 📍 Toronto, Canada	3	7
3	 University of British Columbia 📍 Vancouver, Canada	4	2
4	 The University of Edinburgh 📍 Edinburgh, United Kingdom	10	3
=5	 The University of New South Wales (UNSW Sydney) 📍 Sydney, Australia	8	=11
=5	 The University of Sydney 📍 Sydney, Australia	11	5
7	 The University of Tokyo 📍 Tokyo, Japan	2	=97
8	 University of Pennsylvania 📍 Philadelphia, United States	15	18
9	 Yale University 📍 New Haven, United States	6	=11
10	 The University of Auckland 📍 Auckland, New Zealand	5	=43



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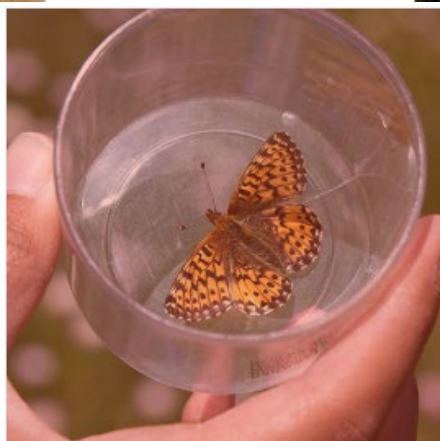
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University of
California,
Berkeley



**Public Service
Center**
Public service and leadership
opportunities for students,
faculty and staff.



**Kindergarten to
college**
Portal to 200-plus outreach
programs linking UC Berkeley
undergrads and grad
students with local K-12
students.



**Student leadership
programs**
Leadership resources and
coaching for Berkeley
students.

**Natural history
museums**
Supporting teaching and
research in natural history
with a variety of artifacts and
collections.

Science@Cal
Bringing together scientists
and educators for public
lectures and activities.



**Lawrence Hall of
Science**
Hands-on science exhibits,
camps and school programs
for kids, parents and
educators.