

U-Multirank 2018

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

Universidade do Porto. Reitoria. Gabinete de Estudos Estratégicos e Melhoria Contínua

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0. Introdução e participação da U.Porto no U-Multirank

Na edição de 2018 do U-Multirank, divulgada no dia 5 de junho de 2018, foram disponibilizados 42 dos 55 “**readymade rankings**” previstos.

Em cada um, identificaram-se as posições das Instituições de Ensino Superior (IES) portuguesas, usando como critério de ordenação “Top Scores”, à exceção do Readymade Research and Research Linkages Ranking (RRRLR) em que, por defeito, a ordenação é apresentada por “Citation Rate”¹.

Apenas o Readymade Research and Research Linkages Ranking (RRRLR) é elaborado sem recurso a informação disponibilizada pelas IES.

Em 2016, a Universidade do Porto deixou de responder à solicitação de informação do U-Multirank, quer a nível institucional quer a nível de áreas/ciclos de estudos. Por essa razão, a U.Porto tem pontuação apenas nas áreas em que são usados dados reportados pelas IES até 2015.

¹ https://www.umultirank.org/export/sites/default/press-media/documents/Research-and-Research-Linkages-Ranking_U-Multirank-2018.pdf acedido 5 de junho de 2018.

1. Readymade Research and Research Linkages Ranking (RRRLR)

Indicadores

“Research:

Citation rate - The average number of times the university's research publications (over the period 2011-2014) are cited in other research; adjusted (normalized) at the global level to take into account differences in publication years and to allow for differences in citation customs across academic fields.

Research publications (absolute numbers) - The number of university's research publications (indexed in the Web of Science Core Collections database), where at least one author is affiliated to the source university or higher education institution.

Research publications (size-normalised) - The number of research publications (indexed in the Web of Science database), where at least one author is affiliated to the university (relative to the number of students).

Top cited publications - The proportion of the university's research publications that, compared to other publications in the same field and in the same year, belong to the top 10% most frequently cited worldwide.

Knowledge Transfer:

Co-publications with industrial partners - The percentage of the university's research publications that list an author affiliate with an address referring to a for-profit business enterprises or private sector R&D unit (excludes for-profit hospitals and education organisations).

International Orientation:

International joint publications - The percentage of the university's research publications that list at least one affiliate author's address located in another country.

Regional Engagement:

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).²

1.1 Evolução³ das posições e scores da U.Porto no U-Multirank RRRLR

		2015	2016	2017	2018
	# World	505/1086	529/1167	581/1268	586/1232
	# PT	6/14	8/17	8/18	7/17
Research	Citation rate	B	B	B	B
	Research publications (absolute numbers)	A	B	B	B
	Research publications (size-normalised)	A	A	A	A
	Top cited publications	B	B	C	C
Knowledge Transfer	Co-publications with industrial partners	D	D	C	C
International Orientation	International joint publications	A	B	B	B
Regional Engagement	Regional joint publications	A	B	A	A

A (Very good); B (Good); C (Average); D (Below average); E (Weak); - Data unavailable; x - Not applicable

1.2 Instituições portuguesas no U-Multirank Readymade Research and Research Linkages Ranking 2018

				Research				Knowledge Transfer	International Orientation	Regional Engagement	
# 2018	# 2017	# 2016	# 2015	IES	Citation rate	Research publications (absolute numbers)	Research publications (size-normalised)	Top cited publications	Co-publications with industrial partners	International joint publications	Regional joint publications
197	390	316	272	Universidade Católica Portuguesa	A	C	D	A	D	C	A
324	580	--	--	Universidade Lusófona de Humanidades e Tecnologias	B	C	D	C	D	B	A
458	445	452	446	Universidade de Aveiro	B	B	A	B	D	A	A
548	475	464	444	Universidade do Minho	B	B	A	B	D	A	C
557	634	622	648	Universidade da Beira Interior	B	C	B	B	C	C	C
582	298	157	188	University of Madeira	B	C	C	B	C	A	D
586	581	529	505	Universidade do Porto	B	B	A	C	C	B	A
607	463	396	447	Universidade Nova de Lisboa	B	B	A	B	C	A	A
610	553	605	605	Universidade do Algarve	B	C	A	C	C	A	C
612	585	575	568	Universidade de Coimbra	B	B	A	C	C	A	A
617	589	516	523	Universidade de Lisboa	B	B	A	C	C	A	A
676	751	673	655	Universidade de Évora	C	C	B	C	D	B	B
688	689	720	--	Universidade de Trás-os-Montes e Alto Douro	C	C	B	C	D	B	B
894	863	600	587	Instituto Universitário de Lisboa	C	C	C	C	D	B	A
901	876	701	688	Universidade Fernando Pessoa	C	C	C	C	D	C	A
965	757	1089	--	Universidade Aberta	D	D	D	D	C	B	A
1231	891	173	--	Instituto Universitário da Maia	x	D	D	x	E	A	D
1232	1268	1167	1086	#IES							

A (Very good) ; B (Good); C (Average); D (Below average); E (Weak); - Data unavailable; x - Not applicable

2. Readymade Economic Engagement Ranking (REER)

Indicadores

“Knowledge Transfer:

Co-publications with industrial partners - The percentage of the university's research publications that list an author affiliate with an address referring to a for-profit business enterprises or private sector R&D unit (excludes for-profit hospitals and education organisations).

Income from private sources - Research revenues and knowledge transfer revenues from private sources (incl. not-for profit organisations), excluding tuition fees. Measured in €1,000s using Purchasing Power Parities. Expressed per fte academic staff.

Patents awarded (absolute numbers) - The number of patents assigned to (inventors working in) the university (over the period 2002-2011).

Industry co-patents - The percentage of the number of patents assigned to (inventors working in) the university over the period 2002-2011, which were co-applied with at least 1 applicant from the industry.

Spin-offs - The number of spin-offs (i.e. firms established on the basis of a formal knowledge transfer arrangement between the institution and the firm) recently created by the institution (per 1000 fte academic staff)

Publications cited in patents - The percentage of the university's research publications that were mentioned in the reference list of at least one international patent (as included in the PATSTAT database).

Income from continuous professional development - he percentage of the university's total revenues that is generated from activities delivering Continuous Professional Development courses and training.

Regional Engagement:

Bachelor graduates working in the region - The percentage of bachelor graduates who found their first job (after graduation) in the region where the university is located.

Master graduates working in the region - The percentage of masters graduates who found their first job (after graduation) in the region where the university is located.

Student internships in the region - Out of all the university's students who did an internship, the percentage where the internship was with a company or organisation located in the region.

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).⁴

2.1 Posições e scores da U.Porto no U-Multirank REER

		2018
	# World	304 / 515
	# PT	10 / 18
Knowledge Transfer	Co-publications with industrial partners	C
	Income from private sources	B
	Patents awarded (absolute numbers)	C
	Industry co-patents	D
	Spin-offs	D
	Publications cited in patents	C
	Income from continuous professional development	A
Regional Engagement	Bachelor graduates working in the region	-
	Master graduates working in the region	-
	Student internships in the region	B
	Regional joint publications	A

A (Very good) ; B (Good); C (Average); D (Below average); E (Weak); - Data unavailable; x - Not applicable

4

<https://www.umultirank.org/readymade?trackType=illustrative&sightMode=undefined&ranking=7&sortCol=sortname&sortOrder=asc§ion=illustrativeRanking> , acedido 5 de junho de 2018.

2.2 Instituições portuguesas no U-Multirank Readymade Economic Engagement Ranking 2018

		Knowledge Transfer							Regional Engagement			
# 2018	IES	Co-publications with industrial partners	Income from private sources	Patents awarded (absolute numbers)	Industry co-patents	Spin-offs	Publications cited in patents	Income from continuous professional development	Bachelor graduates working in the region	Master graduates working in the region	Student internships in the region	Regional joint publications
42	Universidade Nova de Lisboa	C	A	D	C	-	A	A	C	A	-	A
50	Universidade de Coimbra	C	A	D	A	A	B	A	A	B	C	A
68	Universidade Católica Portuguesa	D	A	E	x	A	C	A	-	-	B	A
179	Universidade do Minho	D	D	C	D	B	A	E	A	A	A	C
226	Universidade Fernando Pessoa	D	E	E	x	E	B	E	A	A	B	A
227	Instituto Politécnico de Bragança	D	C	E	x	A	C	D	A	A	B	D
228	Instituto Politécnico de Coimbra	C	D	E	x	A	D	E	B	A	C	A
241	Universidade Lusófona de Humanidades e Tecnologias	D	D	E	x	A	D	E	C	D	A	A
257	Universidade de Aveiro	D	C	D	A	A	D	D	B	B	C	A
304	Universidade do Porto	C	B	C	D	D	C	A	-	-	B	A
311	Universidade de Trás-os-Montes e Alto Douro	D	D	E	x	A	D	A	B	C	-	B
321	Instituto Politécnico de Lisboa	D	D	E	x	C	E	D	A	-	B	A
324	Instituto Politécnico de Viana do Castelo	D	D	E	x	D	D	-	A	A	B	D
342	Universidade de Lisboa	C	D	D	A	D	C	D	B	B	x	A
367	Universidade do Algarve	C	D	D	E	A	D	D	B	A	C	C

		Knowledge Transfer							Regional Engagement			
# 2018	IES	Co-publications with industrial partners	Income from private sources	Patents awarded (absolute numbers)	Industry co-patents	Spin-offs	Publications cited in patents	Income from continuous professional development	Bachelor graduates working in the region	Master graduates working in the region	Student internships in the region	Regional joint publications
373	Instituto Politécnico de Leiria	D	D	D	E	A	D	D	B	A	C	D
410	Universidade da Beira Interior	C	D	E	x	A	D	D	-	-	D	C
492	Universidade de Évora	D	D	E	x	B	D	D	C	C	D	B
515	#IES											

A (Very good) ; B (Good); C (Average); D (Below average); E (Weak); - Data unavailable; x - Not applicable

3. Readymade Teaching & Learning Rankings (RT&LR)

Indicadores

“Teaching & Learning:

Graduating on time (masters)- The percentage of graduates that graduated within the time expected (normative time) for their masters programme.

Academic staff with doctorates - The percentage of academic staff holding a doctorate (PhD or equivalent).

Contact with work environment (masters) - A composite measure representing at bachelor level: (1) the inclusion of internships / phases of practical experience or external projects in the curriculum; (2) the percentage of students doing an internship; (3) teaching by practitioners from outside the university departments; and, (4) the percentage of degree theses made in cooperation with industry/external organisations.

Student-staff ratio - The number of students (headcount) per member of the academic staff (fte). Staff solely involved in research is excluded.

Community service learning - The percentage of credits given in service-learning activities, in relation to total number of credits.

Innovative forms of assessment - The percentage of examinations (in medical doctor training programmes) which use innovative forms of assessment (assessment of practical work by faculty and structured clinical cases).

Teaching & Learning (Students' views):

Overall learning experience - An assessment of the quality of the overall learning experience, based on a survey of the students.

Quality of courses & teaching - An assessment of the quality of teaching provision, based on a student satisfaction survey.

Laboratory facilities - An assessment of the quality of laboratories available to students, based on a student satisfaction survey.

Contact with teachers - An assessment of the feedback given by teachers, based on a student satisfaction survey.

IT provision - Student assessment of the quality of IT services for students, based on a student satisfaction survey.

Library facilities – An assessment of the quality of library services for students, based on a student satisfaction survey.

Linking clinical/preclinical teaching - The integration of pre-clinical/theoretical and clinical courses, based on a student satisfaction survey

International Orientation:

International orientation of master programmes - A composite measure taking into account (1) the existence of joint/dual degree programmes; (2) the inclusion of study periods abroad; (3) the percentage of international (degree and exchange) students; and (4) the percentage of international academic staff.

Opportunities to study abroad - An assessment of the opportunities for studying abroad, based on a survey of the students.”⁵

5

<https://www.umultirank.org/readymade?trackType=illustrative&sihtMode=undefined&ranking=40&sortCol=overallPerformance&sortOrder=desc§ion=illustrativeRanking> acedido 5 de junho de 2018
Informação de 2016 foi acedida em 13 de maio de 2016, a de 2017 em 30 de junho de 2017.

3.1 Biology

Instituições portuguesas no U-Multirank Readymade Teaching & Learning Rankings: Biology

				Teaching & Learning			Teaching & Learning (Students' views)			International Orientation	
# 2018	# 2017	# 2016	IES	Graduating on time (masters)	Academic staff with doctorates	Contact with work environment (masters)	Overall learning experience	Quality of courses & teaching	Laboratory facilities	International orientation of master programmes	Opportunities to study abroad
5	5	7	Universidade Católica Portuguesa	D	C	C	B	B	A	A	-
30	30	32	Universidade da Beira Interior	B	A	E	C	C	B	D	C
41	42	312	# IES								

A última atualização dos dados, por parte das IES, foi em 2016.

A (Very good) ; B (Good); C (Average); D (Below average); E (Weak); - Data unavailable; x - Not applicable

3.2 Business Studies Programmes

Instituições portuguesas no U-Multirank Readymade Teaching & Learning Rankings: Business Studies Programmes

# 2018	# 2017	# 2016	IES	Teaching & Learning			Teaching & Learning (Students' views)			International Orientation	
				Graduating on time (masters)	Academic staff with doctorates	Contact with work environment (masters)	Overall learning experience	Quality of courses & teaching	Contact with teachers	International orientation of master programmes	Opportunities to study abroad
6	6	--	Universidade da Beira Interior	C	C	-	A	A	A	B	B
13	14	--	Instituto Universitário de Lisboa	B	-	A	C	C	B	A	C
75	78	253	Universidade de Lisboa	B	C	-	C	C	C	A	D
89	94	59	Universidade Católica Portuguesa	B	D	C	C	C	C	A	C
120	126	325	Instituto Politécnico de Lisboa	D	D	-	D	D	C	B	-
123	129	--	Universidade Lusófona de Humanidades e Tecnologias	C	C	-	D	D	D	B	D
129	135	401	# IES								

A última atualização dos dados, por parte das IES, foi em 2017.

A (Very good) ; B (Good); C (Average); D (Below average); E (Weak); - Data unavailable; x - Not applicable

3.3 Chemical Engineering

Neste ranking, como em 2017, entre as 15 instituições listadas não está nenhuma portuguesa.

3.4 Chemistry

Na edição 2018 deste ranking, entre as 35 instituições listadas não está nenhuma portuguesa; em 2017, em 36 listadas também não constava nenhuma portuguesa. Na edição de 2016, entre 287 estavam 8 portuguesas.

3.5 Civil Engineering

Instituições portuguesas no U-Multirank Readymade Teaching & Learning Rankings: Civil Engineering

			Teaching & Learning			Teaching & Learning (Students' views)			International Orientation	
# 2018	# 2017	IES	Graduating on time (masters)	Academic staff with doctorates	Contact with work environment (masters)	Overall learning experience	Quality of courses & teaching	Contact with teachers	International orientation of master programmes	Opportunities to study abroad
9	9	Instituto Politécnico de Leiria	D	C	-	C	B	B	A	C
19	19	Universidade da Beira Interior	D	-	-	B	B	B	C	C
35	35	# IES								

A última atualização dos dados, por parte das IES, foi em 2017.

A (Very good) ; B (Good); C (Average); D (Below average); E (Weak); - Data unavailable; x - Not applicable

3.6 Computer Science Programmes

Instituições portuguesas no U-Multirank Readymade Teaching & Learning Rankings: Computer Science Programmes

# 2018	#2017	# 2016	IES	Teaching & Learning			Teaching & Learning (Students' views)			International Orientation	
				Student-staff ratio	Academic staff with doctorates	Contact with work environment (masters)	Overall learning experience	Quality of courses & teaching	IT provision	International orientation of master programmes	Opportunities to study abroad
42	43	242	Universidade de Lisboa (FC)	C	A	D	C	D	C	C	-
56	57	271	Instituto Universitário de Lisboa	C	-	D	B	B	C	-	B
65	66		Universidade de Lisboa (IST)	C	-	D	C	C	B	B	-
74	75	218	University of Madeira	B	C	D	-	D	D	C	-
85	86		Universidade Lusófona de Humanidades e Tecnologias	B	C	C	D	D	D	C	D
95	96	397	# IES								

A última atualização dos dados, por parte das IES, foi em 2017.

A (Very good) ; B (Good); C (Average); D (Below average); E (Weak); - Data unavailable; x - Not applicable

3.7 Dentistry

Instituições portuguesas no U-Multirank Readymade Teaching & Learning Rankings: Dentistry

		Teaching & Learning			Teaching & Learning (Students' views)			International Orientation	
# 2018	IES	Graduating on time (masters)	Academic staff with doctorates	Contact with work environment (masters)	Overall learning experience	Quality of courses & teaching	Contact with teachers	International orientation of master programmes	Opportunities to study abroad
5	Universidade Católica Portuguesa	C	B	A	C	D	C	D	C
8	# IES								

A última atualização dos dados, por parte das IES, foi em 2018. A (Very good) ; B (Good); C (Average); D (Below average); E (Weak); - Data unavailable; x - Not applicable

3.8 Economics

Instituições portuguesas no U-Multirank Readymade Teaching & Learning Rankings: Economics

			Teaching & Learning			Teaching & Learning (Students' views)			International Orientation	
# 2018	#2017	IES	Graduating on time (masters)	Academic staff with doctorates	Contact with work environment (masters)	Overall learning experience	Quality of courses & teaching	Contact with teachers	International orientation of master programmes	Opportunities to study abroad
30	31	Instituto Universitário de Lisboa	C	-	D	C	C	B	A	C
32	33	Universidade de Lisboa	C	B	-	C	D	D	A	D
33	34	Universidade Católica Portuguesa	D	D	-	C	C	C	A	C
47	49	Universidade da Beira Interior	C	B	D	C	C	C	-	C
52	54	# IES								

A última atualização dos dados, por parte das IES, foi em 2017. A (Very good) ; B (Good); C (Average); D (Below average); E (Weak); - Data unavailable; x - Not applicable

3.9 Education

Neste ranking novo, entre as 22 instituições listadas não está nenhuma portuguesa.

3.10 Electrical Engineering Programmes

Instituições portuguesas no U-Multirank Readymade Teaching & Learning Rankings: Electrical Engineering Programmes

				Teaching & Learning			Teaching & Learning (Students' views)			International Orientation		
#World		# PT		IES	Student-staff ratio	Academic staff with doctorates	Contact with work environment (masters)	Overall learning experience	Quality of courses & teaching	Laboratory facilities	International orientation of master programmes	Opportunities to study abroad
2017	2016	2017	2016									
8		1		Universidade da Beira Interior	B	A	-	B	B	-	B	B
37	19	2	1	Universidade de Lisboa	C	-	-	C	C	C	B	C
54	210	2	11	# IES								

A última atualização dos dados, por parte das IES, foi em 2017.

A (Very good) ; B (Good); C (Average); D (Below average); E (Weak); - Data unavailable; x - Not applicable

3.11 History

Na edição 2018 deste ranking, como em 2017, entre as 33 instituições listadas não está nenhuma portuguesa. Na edição de 2016, entre 154 estavam 8 portuguesas.

3.12 Mathematics

Na edição 2018 deste ranking, entre as 50 instituições listadas não está nenhuma portuguesa; em 2017 em 51 também não constava nenhuma portuguesa. Na edição de 2016, entre 289 estavam 9 portuguesas.

3.13 Mechanical Engineering Programmes

Instituições portuguesas no U-Multirank Readymade Teaching & Learning Rankings: Mechanical Engineering Programmes

				Teaching & Learning			Teaching & Learning (Students' views)			International Orientation	
#2018	#2017	#2016	IES	Student-staff ratio	Academic staff with doctorates	Contact with work environment (masters)	Overall learning experience	Quality of courses & teaching	Laboratory facilities	International orientation of master programmes	Opportunities to study abroad
8	8	95	Universidade de Lisboa	C	B	-	C	C	C	C	-
50	51	217	# IES								

A última atualização dos dados, por parte das IES, foi em 2017.

A (Very good) ; B (Good); C (Average); D (Below average); E (Weak); - Data unavailable; x - Not applicable

3.14 Medicine Programmes

Instituições portuguesas no U-Multirank Readymade Teaching & Learning Rankings: Medicine Programmes

				Teaching & Learning				Teaching & Learning (Students' views)			International Orientation	
#2018	#2017	#2016	IES	Community service learning	Student-staff ratio	Academic staff with doctorates	Innovative forms of assessment	Overall learning experience	Quality of courses & teaching	Linking clinical/pre clinical teaching	International orientation of master programmes	Opportunities to study abroad
6	5	14	Universidade do Algarve	-	C	B	A	C	B	B	B	C
21	62	167	# IES									

A última atualização dos dados, por parte das IES, foi em 2018. A (Very good) ; B (Good); C (Average); D (Below average); E (Weak); - Data unavailable; x - Not applicable

3.15 Nursing

Instituições portuguesas no U-Multirank Readymade Teaching & Learning Rankings: Nursing

		Teaching & Learning			Teaching & Learning (Students' views)			International Orientation	
#2018	IES	Graduating on time (masters)	Academic staff with doctorates	Contact with work environment (masters)	Overall learning experience	Quality of courses & teaching	Contact with teachers	International orientation of master programmes	Opportunities to study abroad
2	Instituto Politécnico de Portalegre	A	C	C	C	B	B	E	-
4	Universidade Católica Portuguesa	C	A	B	C	C	C	C	C
10	# IES								

A última atualização dos dados, por parte das IES, foi em 2018. A (Very good) ; B (Good); C (Average); D (Below average); E (Weak); - Data unavailable; x - Not applicable

3.16 Pharmacy / Pharmacology

Instituições portuguesas no U-Multirank Readymade Teaching & Learning Rankings: Pharmacy / Pharmacology

		Teaching & Learning			Teaching & Learning (Students' views)			International Orientation	
#2018	IES	Graduating on time (masters)	Academic staff with doctorates	Contact with work environment (masters)	Overall learning experience	Quality of courses & teaching	Contact with teachers	International orientation of master programmes	Opportunities to study abroad
6	Universidade Lusófona de Humanidades e Tecnologias	D	C	A	D	D	-	-	D
22	# IES								

A última atualização dos dados, por parte das IES, foi em 2018. A (Very good) ; B (Good); C (Average); D (Below average); E (Weak); - Data unavailable; x - Not applicable

3.17 Political Science

Instituições portuguesas no U-Multirank Readymade Teaching & Learning Rankings: Political Science

		Teaching & Learning			Teaching & Learning (Students' views)			International Orientation	
#2018	IES	Graduating on time (masters)	Academic staff with doctorates	Contact with work environment (masters)	Overall learning experience	Quality of courses & teaching	Contact with teachers	International orientation of master programmes	Opportunities to study abroad
20	Universidade Católica Portuguesa	D	C	D	B	B	C	A	C
30	# IES								

A última atualização dos dados, por parte das IES, foi em 2018. A (Very good) ; B (Good); C (Average); D (Below average); E (Weak); - Data unavailable; x - Not applicable

3.18 Production/Industrial Engineering

Nesta edição do ranking, como em 2017, entre as 26 instituições listadas não está nenhuma portuguesa.

3.19 Psychology Programmes

Instituições portuguesas no U-Multirank Readymade Teaching & Learning Rankings: Psychology Programmes

#2018	#2017	#2016	IES	Teaching & Learning			Teaching & Learning (Students' views)		International Orientation	
				Student-staff ratio	Academic staff with doctorates	Contact with work environment (masters)	Overall learning experience	Quality of courses & teaching	International orientation of master programmes	Opportunities to study abroad
16	5	6	Universidade Católica Portuguesa	B	B	A	B	B	C	C
30			Universidade Lusófona de Humanidades e Tecnologias	B	B	B	D	C	-	D
51	75	199	# IES							

A última atualização dos dados, por parte das IES, foi em 2018.

A (Very good) ; B (Good); C (Average); D (Below average); E (Weak); - Data unavailable; x - Not applicable

3.20 Social Work

Nesta edição do ranking, entre as 12 instituições listadas não está nenhuma portuguesa; em 2017 era listada uma portuguesa em 17; em 2016, 7 em 128.

3.21 Sociology

Instituições portuguesas no U-Multirank Readymade Teaching & Learning Rankings: Sociology

#2018	#2017	#2016	IES	Teaching & Learning			Teaching & Learning (Students' views)			International Orientation	
				Graduating on time (masters)	Academic staff with doctorates	Contact with work environment (masters)	Overall learning experience	Quality of courses & teaching	Library facilities	International orientation of master programmes	Opportunities to study abroad
9	6	16	Universidade da Beira Interior	D	A	D	B	B	C	C	C
15	23	246	# IES								

A última atualização dos dados, por parte das IES, foi em 2018.

A (Very good) ; B (Good); C (Average); D (Below average); E (Weak); - Data unavailable; x - Not applicable

4. Readymade International Orientation Rankings (RIOR)

Indicadores

“Student mobility - A composite of international incoming exchange students, outgoing exchange students and students in international joint degree programmes.

International academic staff - The percentage of academic staff (on a headcount basis) with foreign citizenship.

International joint publications - The percentage of the university's research publications that list at least one affiliate author's address located in another country.

International doctorate degrees - The percentage of doctorate degrees that are awarded to international doctorate candidates.

International orientation of master programmes - A composite measure taking into account (1) the existence of joint/dual degree programmes; (2) the inclusion of study periods abroad; (3) the percentage of international (degree and exchange) students; and (4) the percentage of international academic staff.

International research grants - The proportion of external research revenue – including public and private funding organisations and businesses – that comes from other countries.”⁶

4.1 Institutional

Instituições portuguesas no U-Multirank Readymade International Orientation Rankings: Institutional

#2018	IES	Student mobility	International academic staff	International joint publications	International doctorate degrees
163	Instituto Politécnico de Bragança	A	D	A	x
193	Universidade do Minho	B	A	A	B
208	Universidade de Coimbra	A	C	A	B
214	Universidade Nova de Lisboa	A	B	A	C
251	Instituto Universitário de Lisboa	A	B	B	-
252	University of Madeira	B	B	A	-
301	Instituto Universitário da Maia	B	D	A	-
370	Universidade do Algarve	B	B	A	C
371	Universidade de Aveiro	B	C	A	B
392	Universidade Lusófona de Humanidades e Tecn.	B	D	B	A
414	Universidade Fernando Pessoa	B	D	C	A
418	Universidade de Lisboa	B	D	A	C
431	Universidade Católica Portuguesa	A	C	C	C
472	Universidade do Porto	B	B	B	C
481	Universidade de Trás-os-Montes e Alto Douro	B	D	B	B
510	Instituto Politécnico de Leiria	B	D	B	x
518	Universidade da Beira Interior	B	B	C	C
519	Universidade de Évora	B	C	B	C
580	Instituto Politécnico de Viana do Castelo	B	C	C	x
594	Instituto Politécnico de Coimbra	B	D	C	x
602	Instituto Politécnico de Lisboa	B	D	C	x
660	Universidade Aberta	D	D	B	C
862	#IES				

A última atualização dos dados, por parte das IES, foi em 2018. A (Very good); B (Good); C (Average); D (Below average); E (Weak); - Data unavailable; x - Not applicable

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<https://www.umultirank.org/readymade?trackType=illustrative&sightMode=undefined&ranking=9&sortCol=sortname&sortOrder=asc§ion=illustrativeRanking> acedido 5 de junho de 2018

4.2 Biology

Instituições portuguesas no U-Multirank Readymade International Orientation Rankings: Biology

#2018	IES	International orientation of master programmes	International doctorate degrees	International joint publications	International research grants
12	Universidade do Algarve	A	C	A	B
16	Universidade de Coimbra	A	D	B	A
42	Universidade de Lisboa	B	C	B	A
50	Universidade do Minho	C	D	B	A
53	University of Madeira	C	E	B	A
55	Universidade Católica Portuguesa	A	E	D	B
60	Universidade de Aveiro	B	B	B	B
73	Instituto Politécnico de Leiria	B	x	B	C
86	Universidade de Lisboa	D	D	B	B
142	Universidade da Beira Interior	D	D	D	E
148	#IES				

A última atualização dos dados, por parte das IES, foi em 2016.

A (Very good) ; B (Good); C (Average); D (Below average); E (Weak); - Data unavailable; x - Not applicable

4.3 Business Studies

Instituições portuguesas no U-Multirank Readymade International Orientation Rankings: Business Studies

#2018	IES	International orientation of master programmes	International doctorate degrees	International joint publications	International research grants
13	Universidade Católica Portuguesa	A	-	A	B
18	Universidade Nova de Lisboa	A	B	A	-
28	Universidade Católica Portuguesa	A	-	A	E
70	Universidade de Coimbra	B	C	B	A
89	Universidade de Lisboa	A	C	C	D
94	Universidade de Coimbra	B	B	B	B
107	Universidade de Coimbra	B	E	B	C
109	Universidade da Beira Interior	B	D	D	B
119	Universidade Fernando Pessoa	B	C	x	E
142	Universidade de Évora	C	C	D	-
157	#IES				

A última atualização dos dados, por parte das IES, foi em 2017.

A (Very good) ; B (Good); C (Average); D (Below average); E (Weak); - Data unavailable; x - Not applicable

4.4 Chemical Engineering

Instituições portuguesas no U-Multirank Readymade International Orientation Rankings: Chemical Engineering

#2018	IES	International orientation of master programmes	International doctorate degrees	International joint publications	International research grants
12	Universidade de Coimbra	C	A	B	A
23	Instituto Politécnico de Bragança	B	-	A	E
32	Universidade de Aveiro	D	C	A	C
36	Universidade de Lisboa	B	E	B	B
45	Universidade Nova de Lisboa	C	B	C	C
64	#IES				

A última atualização dos dados, por parte das IES, foi em 2017.

A (Very good) ; B (Good); C (Average); D (Below average); E (Weak); - Data unavailable; x - Not applicable

4.5 Chemistry

Instituições portuguesas no U-Multirank Readymade International Orientation Rankings: Chemistry

#2018	IES	International orientation of master programmes	International doctorate degrees	International joint publications	International research grants
18	Universidade de Coimbra	B	D	A	A
21	Universidade de Lisboa (IST)	A	E	B	A
53	Universidade do Minho	D	C	B	A
75	Universidade de Lisboa (FC)	B	E	B	B
89	Universidade Nova de Lisboa	B	D	B	C
99	Universidade do Porto	D	C	B	x
102	Universidade de Évora	B	E	C	x
109	Universidade de Aveiro	C	C	B	C
151	#IES				

A última atualização dos dados, por parte das IES, foi em 2016.

A (Very good) ; B (Good); C (Average); D (Below average); E (Weak); - Data unavailable; x - Not applicable

4.6 Civil Engineering

Instituições portuguesas no U-Multirank Readymade International Orientation Rankings: Civil Engineering

#2018	IES	International orientation of master programmes	International doctorate degrees	International joint publications	International research grants
7	Universidade de Coimbra	A	B	B	A
43	Universidade de Lisboa	B	B	C	B
49	Universidade de Aveiro	D	B	B	C
61	Universidade da Beira Interior	C	B	D	C
78	#IES				

A última atualização dos dados, por parte das IES, foi em 2017.

A (Very good) ; B (Good); C (Average); D (Below average); E (Weak); - Data unavailable; x - Not applicable

4.7 Computer Science

Instituições portuguesas no U-Multirank Readymade International Orientation Rankings: Computer Science

#2018	IES	International orientation of master programmes	International doctorate degrees	International joint publications	International research grants
12	Universidade do Algarve	-	A	B	A
18	University of Madeira	C	A	A	-
54	Instituto Politécnico de Leiria	A	-	B	E
69	Universidade de Coimbra	B	C	B	A
76	Universidade de Lisboa (IST)	B	D	B	A
108	Universidade Nova de Lisboa	B	C	B	B
131	Universidade de Lisboa (FC)	C	C	B	D
174	#IES				

A última atualização dos dados, por parte das IES, foi em 2017.

A (Very good) ; B (Good); C (Average); D (Below average); E (Weak); - Data unavailable; x - Not applicable

4.8 Dentistry

Não está ainda disponível a lista de IES de Dentistry.

4.9 Economics

Instituições portuguesas no U-Multirank Readymade International Orientation Rankings: Economics

#2018	IES	International orientation of master programmes	International doctorate degrees	International joint publications	International research grants
6	Universidade Nova de Lisboa	A	B	A	-
12	Universidade de Lisboa	A	B	A	D
31	Universidade Católica Portuguesa	A	-	B	E
33	Universidade da Beira Interior	-	C	D	A
46	Universidade de Coimbra	A	C	C	B
61	Universidade Católica Portuguesa	C	-	B	B
78	Universidade de Aveiro	B	C	D	C
96	#IES				

A última atualização dos dados, por parte das IES, foi em 2017.

A (Very good) ; B (Good); C (Average); D (Below average); E (Weak); - Data unavailable; x - Not applicable

4.10 Education

Não está ainda disponível a lista de IES de Education.

4.11 Electrical Engineering

Instituições portuguesas no U-Multirank Readymade International Orientation Rankings: Electrical Engineering

#2018	IES	International orientation of master programmes	International doctorate degrees	International joint publications	International research grants
23	Universidade da Beira Interior	B	C	A	A
45	Universidade Nova de Lisboa	-	C	D	A
54	Universidade de Coimbra	B	C	B	A
55	Universidade de Lisboa	B	C	B	A
94	Universidade de Aveiro	D	B	C	D
107	Instituto Politécnico de Coimbra	C	E	C	-
123	University of Madeira	E	E	x	D
123	#IES				

A última atualização dos dados, por parte das IES, foi em 2017.

A (Very good) ; B (Good); C (Average); D (Below average); E (Weak); - Data unavailable; x - Not applicable

4.12 History

Instituições portuguesas no U-Multirank Readymade International Orientation Rankings: History

#2018	IES	International orientation of master programmes	International doctorate degrees	International research grants
11	Universidade Nova de Lisboa	B	C	A
12	Universidade de Lisboa	D	B	A
27	Universidade do Minho	D	E	A
64	#IES			

A última atualização dos dados, por parte das IES, foi em 2016.

A (Very good) ; B (Good); C (Average); D (Below average); E (Weak); - Data unavailable; x - Not applicable

4.13 Mathematics

Instituições portuguesas no U-Multirank Readymade International Orientation Rankings: Mathematics

#2018	IES	International orientation of master programmes	International doctorate degrees	International joint publications	International research grants
3	Universidade de Lisboa	C	A	A	A
10	Universidade de Coimbra	C	A	B	A
18	Universidade de Lisboa	A	C	A	E
40	Universidade de Aveiro	B	B	A	E
47	Universidade de Lisboa	B	C	A	C
51	Universidade do Minho	D	C	B	A
72	Universidade do Porto	C	B	B	x
78	Universidade Nova de Lisboa	-	E	B	B
90	Universidade de Évora	C	D	B	x
147	#IES				

A última atualização dos dados, por parte das IES, foi em 2016.

A (Very good) ; B (Good); C (Average); D (Below average); E (Weak); - Data unavailable; x - Not applicable

4.14 Mechanical Engineering

Instituições portuguesas no U-Multirank Readymade International Orientation Rankings: Mechanical Engineering

#2018	IES	International orientation of master programmes	International doctorate degrees	International joint publications	International research grants
3	Universidade de Coimbra	A	B	A	A
12	Universidade de Lisboa	A	C	B	A
46	Universidade de Aveiro	C	C	A	D
85	#IES				

A última atualização dos dados, por parte das IES, foi em 2017.

A (Very good) ; B (Good); C (Average); D (Below average); E (Weak); - Data unavailable; x - Not applicable

4.15 Medicine

Instituições portuguesas no U-Multirank Readymade International Orientation Rankings: Medicine

#2018	IES	International orientation of master programmes	International doctorate degrees	International joint publications	International research grants
8	Universidade Nova de Lisboa	-	D	A	A
10	Universidade do Algarve	B	B	A	A
28	Universidade de Lisboa	-	E	B	A
43	Universidade da Beira Interior	B	E	D	A
81	#IES				

A última atualização dos dados, por parte das IES, foi em 2017.

A (Very good) ; B (Good); C (Average); D (Below average); E (Weak); - Data unavailable; x - Not applicable

4.16 Nursing

Não está ainda disponível a lista de IES de Nursing.

4.17 Physics

Instituições portuguesas no U-Multirank Readymade International Orientation Rankings: Physics

#2018	IES	International orientation of master programmes	International doctorate degrees	International joint publications	International research grants
45	Universidade de Lisboa (IST)	B	D	B	A
47	Universidade do Porto	A	B	B	E
57	Universidade do Minho	C	E	B	A
62	Universidade de Coimbra	B	D	A	E
91	Universidade de Lisboa (FC)	D	E	B	B
110	Universidade de Aveiro	C	D	B	E
155	#IES				

A última atualização dos dados, por parte das IES, foi em 2014.

A (Very good) ; B (Good); C (Average); D (Below average); E (Weak); - Data unavailable; x - Not applicable

4.18 Production/Industrial Engineering

Instituições portuguesas no U-Multirank Readymade International Orientation Rankings: Production/Industrial Engineering

#2018	IES	International orientation of master programmes	International doctorate degrees	International joint publications	International research grants
4	Universidade de Lisboa	B	C	A	A
8	Universidade de Coimbra	C	E	A	A
9	Universidade da Beira Interior	B	B	x	A
22	Universidade de Aveiro	C	B	x	C
34	#IES				

A última atualização dos dados, por parte das IES, foi em 2017.

A (Very good) ; B (Good); C (Average); D (Below average); E (Weak); - Data unavailable; x - Not applicable

4.19 Psychology

Instituições portuguesas no U-Multirank Readymade International Orientation Rankings: Psychology

#2018	IES	International orientation of master programmes	International doctorate degrees	International joint publications	International research grants
3	Instituto Universitário de Lisboa	A	C	A	A
14	Universidade Católica Portuguesa	C	x	B	A
21	Universidade da Beira Interior	D	E	A	-
31	Universidade do Algarve	B	D	A	E
48	Universidade de Aveiro	D	-	B	D
76	#IES				

A última atualização dos dados, por parte das IES, foi em 2018.

A (Very good) ; B (Good); C (Average); D (Below average); E (Weak); - Data unavailable; x - Not applicable

4.20 Social Work

Instituições portuguesas no U-Multirank Readymade International Orientation Rankings: Social Work

#2018	IES	International orientation of master programmes	International doctorate degrees	International research grants
1	Universidade de Lisboa	A	E	A
2	Instituto Universitário de Lisboa	B	C	A
22	#IES			

A última atualização dos dados, por parte das IES, foi em 2018.

A (Very good) ; B (Good); C (Average); D (Below average); E (Weak); - Data unavailable; x - Not applicable

4.21 Sociology

Instituições portuguesas no U-Multirank Readymade International Orientation Rankings: Sociology

#2018	IES	International orientation of master programmes	International doctorate degrees	International joint publications	International research grants
10	Universidade de Lisboa	-	E	B	A
12	Universidade da Beira Interior	C	E	x	A
23	Instituto Universitário de Lisboa	B	D	B	C
45	#IES				

A última atualização dos dados, por parte das IES, foi em 2018.

A (Very good) ; B (Good); C (Average); D (Below average); E (Weak); - Data unavailable; x - Not applicable

5. Readymade Applied Knowledge Partnerships Ranking (RAKPR)

Indicadores

“Research:

Art related output - The number of scholarly outputs in the creative and performing arts, relative to the full-time equivalent (fte) number of academic staff.

Strategic research partnerships - The number of strategic partnerships per fte academic staff

Professional publications - The number of professional publications per fte academic staff. Professional publications are all publications published in journals, books, and other media that are addressed to a professional audience and that can be traced bibliographically. These publications are not peer reviewed as in the category "academic publications".

Knowledge Transfer:

Co-publications with industrial partners - The percentage of the university's research publications that list an author affiliate with an address referring to a for-profit business enterprises or private sector R&D unit (excludes for-profit hospitals and education organisations).

Income from continuous professional development - The percentage of the university's total revenues that is generated from activities delivering Continuous Professional Development courses and training.

Graduate companies - The number of companies newly founded by graduates per 1000 graduates

Regional Engagement:

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).”⁷

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<https://www.umultirank.org/readymade?trackType=illustrative&sightMode=undefined&ranking=48&sortCol=sortname&sortOrder=asc§ion=illustrativeRanking> acedido 5 de junho de 2018.
Informação de 2017 foi acedida em 31 de março de 2017.

Instituições portuguesas no U-Multirank Readymade Applied Knowledge Partnerships Ranking 2018

			Research			Knowledge Transfer			Regional Engagement
#2018	# 2017	IES	Art related output	Strategic research partnerships	Professional publications	Co-publications with industrial partners	Income from continuous professional development	Graduate companies	Income from regional sources
12	19	Escola Superior de Educação de Paula Frassinetti	A	-	B	-	A	A	C
32	127	Universidade de Trás-os-Montes e Alto Douro	A	A	C	D	A	A	E
38	52	Instituto Politécnico de Viana do Castelo	A	A	B	D	-	A	C
53	--	Universidade Aberta	A	D	A	C	A	-	E
69	30	Universidade Lusófona de Humanidades e Tecnologias	A	A	C	D	E	A	E
126	95	Instituto Politécnico de Portalegre	A	B	C	x	D	C	A
135	101	Universidade Fernando Pessoa	B	A	C	D	E	-	A
140	242	Universidade de Aveiro	A	A	B	D	D	-	E
175	126	Universidade de Coimbra	A	C	B	C	A	D	E
189	260	Instituto Politécnico de Coimbra	D	A	C	C	E	A	E
194	139	Instituto Politécnico de Lisboa	A	A	D	D	D	E	D
251	244	Universidade de Lisboa	C	A	-	C	D	-	D
281	54	Instituto Politécnico de Leiria	A	B	C	D	D	-	B
291	270	Instituto Universitário de Lisboa	A	B	B	D	-	D	E
350	277	Instituto Politécnico de Bragança	A	B	B	D	D	D	B
372	393	Universidade do Algarve	C	B	D	C	D	A	C
374	132	Universidade da Beira Interior	A	C	C	C	D	D	B
393	287	Universidade de Évora	A	C	C	D	D	D	D
477	355	Universidade do Minho	B	C	C	D	E	D	E
507	422	# IES							

A última atualização dos dados, por parte das IES, foi em 2018.

A (Very good) ; B (Good); C (Average); D (Below average); E (Weak); - Data unavailable; x - Not applicable