

A Universidade do Porto no Quacquareli Symonds:

– QS World University Rankings 2016/2017

– QS World University Rankings by Subject 2017

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A Universidade do Porto no QS World University Rankings 2016/2017 e QS World University Rankings by Subject 2017

<http://www.topuniversities.com/qs-world-university-rankings>

<http://www.topuniversities.com/subject-rankings/2017>

1. Metodologias do QS-WUR e QS-WUR by Subject e participação da U.Porto

1.1 Metodologia QS-WUR

“The QS World University Rankings® are designed to help prospective students make informed comparisons of leading universities around the world. Based on six performance indicators, the ranking assesses university performance across four areas: research, teaching, employability and internationalization.

Each of the six indicators carries a different weighting when calculating the overall scores (see below). Four of the indicators are based on ‘hard’ data, and the remaining two are based on major global surveys – one of academics and another of employers – each the largest of their kind.

[...]

Academic reputation (40%)

Academic reputation is measured using a global survey, in which academics are asked to identify the institutions where they believe the best work is currently taking place within their own field of expertise. The aim is to give prospective students a sense of the consensus of opinion within the international academic community. For the 2016/17 edition, a total of 74,651 academics contributed. Regional weightings are applied to counter any discrepancies in response rates.

Employer reputation (10%)

The employer reputation indicator is also based on a global survey, this time asking employers to identify the universities they perceive to be producing the best graduates. This indicator is unique among international university rankings. Its purpose is to give students a better sense of how universities are viewed in the graduate jobs market. A higher weighting is given to votes for universities that come from employers based in other countries, so this indicator is especially useful for prospective students seeking to identify institutions with a reputation that extends beyond their national borders. The 2016/17 edition draws on responses from 37,781 graduate employers.

Student-to-faculty ratio (20%)

This is a simple measure of the number of academic staff employed relative to the number of students enrolled. In the absence of an international standard by which to measure teaching quality, this indicator aims to identify the universities that are best equipped to provide small class sizes and a good level of individual supervision.

Citations per faculty (20%)

This indicator aims to assess universities’ research impact. A ‘citation’ means a piece of research being cited (referred to) within another piece of research. Generally, the more often a piece of research is cited, the more influential it is. So the more highly cited research papers a university publishes, the stronger its research output is considered.

QS collects this information using Scopus, the world’s largest database of research abstracts and citations. The latest five complete years of data are used, and the total citation count is assessed in relation to the number of academic faculty members at the university, so that larger institutions do not have an unfair advantage. For the 2016/17 rankings, QS analyzed 10.3 million research papers and 66.3 million citations.

For the 2015/16 edition of the QS World University Rankings, several refinements have been introduced to the way this indicator is assessed, with the aim of providing a more balanced reflection of research impact across different faculty areas. You can find out more about these refinements here.

International faculty ratio (5%) & international student ratio (5%)

The last two indicators aim to assess how successful a university has been in attracting students and academics from other nations. This is based on the proportion of international students and faculty members at the institution. Each of these indicators contributes 5% to the overall ranking results.

Since the QS World University Rankings were first developed in 2004, they have expanded to rank more than 900 universities in 2016/17, with over 3,800 assessed. The top 400 universities are given individual ranking positions, and the rest are ranked in groups – starting from 401-410, up to 701+. The results are published in an interactive ranking table, which can be sorted by country/region and by each of the six performance indicators listed above.”¹

1.2 Metodologia QS-WUR by Subject

“The QS World University Rankings by Subject ranks the world’s top universities in individual subject areas, covering 46 subjects as of 2016. The rankings aim to help prospective students identify the world’s leading schools in their chosen field, with the list of subjects extended each year in response to high demand for subject-level comparisons.

Each of the subject rankings is compiled using four sources. The first two of these are QS’s global surveys of academics and employers, which are used to assess institutions’ international reputation in each subject. The second two indicators assess research impact, based on research citations per paper and h-index in the relevant subject. These are sourced from Elsevier’s Scopus database, the world’s most comprehensive research citations database.

These four components are combined to produce the results for each of the subject rankings, with weightings adapted for each discipline.

1. Academic reputation

QS’s global survey of academics has been at the heart of the QS World University Rankings® since their inception in 2004. In 2017, the QS World University Rankings by Subject draws on responses from 74,651 academics worldwide.

Having provided their name, contact details, job title and the institution where they are based, respondents identify the countries, regions and faculty areas they have most familiarity with, and up to two narrower subject disciplines in which they have expertise. For each of the (up to five) faculty areas they identify, respondents are asked to list up to 10 domestic and 30 international institutions which they consider excellent for research in the given area. They are not able to select their own institution.

For the QS World University Rankings by Subject, the results of the survey are filtered according to the narrow area of expertise identified by respondents. While academics can select up to two narrow areas of expertise, greater emphasis is placed on respondents who have identified only one.

2. Employer reputation

The QS World University Rankings are unique in incorporating employability as a key factor in the evaluation of international universities. In 2017, the QS World University Rankings by Subject draws on 40,643 survey responses from graduate employers worldwide.

The employer reputation survey works on a similar basis to the academic one, but without the channelling for different faculty areas. Employers are asked to identify up to 10 domestic and 30 international institutions they consider excellent for the recruitment of graduates. They are also asked to identify the disciplines from which they prefer to recruit. By examining the intersection of these two questions, we can infer a measure of excellence in a given discipline.

3. Research citations per paper

For the QS World University Rankings by Subject we measure citations per paper, rather than citations per faculty member. This is due to the impracticality of reliably gathering faculty numbers broken down by discipline for each institution.

A minimum publication threshold is set for each subject to avoid potential anomalies stemming from small numbers of highly cited papers. Both the minimum publications threshold and the weighting applied to the citations indicator are adapted in order to best reflect prevalent publication and citation patterns in a given discipline. All citations data is sourced from the Scopus, spanning a five-year period.

¹ Retirado de <http://www.topuniversities.com/qs-world-university-rankings/methodology> Acedido 6 setembro de 2016.

4. H-index

Since 2013, a score based on 'h-index' has also been incorporated in the QS World University Rankings by Subject. The h-index is a way of measuring both the productivity and impact of the published work of a scientist or scholar. The index is based on the set of the scientist's most cited papers and the number of citations that s/he has received in other publications.

The h-index can also be applied to the productivity and impact of a group of scientists, such as a department or university or country, as well as a scholarly journal. The index was suggested by Jorge E. Hirsch, a physicist at UCSD, as a tool for determining theoretical physicists' relative quality, and is sometimes called the Hirsch index or Hirsch number.

How are large research collaborations assessed?

In 2016, QS introduced an improvement to the way research papers with authors from an exceptionally large number of institutions are assessed. Situations such as these occur most frequently in scientific subjects such as high-energy physics, cosmology, or genomics, where large-scale international collaborations are common.

If each institution involved in papers such as these receives full credit for the citations, even very important and worthwhile papers can end up having a disproportionately large impact on the ranking results. Yet it is equally undesirable to give each institution a share of the credit, as this could discourage research collaborations among groups of any size.

With the support of the QS Global Academic Advisory Board, the solution adopted was to omit any paper with more than 99.9% of the average number of institutional affiliations for the subject in question. This replaces the previous approach of omitting all papers with more than 10 institutional affiliations, which unfairly penalised certain scientific fields, such as medicine.

Weightings

As research cultures and publication rates vary significantly across academic disciplines, the QS World University Rankings by Subject applies a different weighting of the above indicators in each subject. For example, in medicine, where publication rates are very high, research citations and the h-index account for 25% of each university's total score. On the other hand, in areas with much lower publication rates such as history, these research-related indicators only account for 15% of the total ranking score. Meanwhile in subjects such as art and design, where there are too few papers published to be statistically significant, the ranking is based solely on the employer and academic surveys.”²

“NEW FOR 2017: This year, we are releasing 4 new subjects for the QS World University Rankings by Subject: Anatomy & Physiology, Hospitality & Leisure Management, Sports-related Subjects and Theology, Divinity & Religious Studies.

Also, much like last year's QS World University Rankings, we have applied an affiliation cap, discarding any paper with more than a given number of affiliations. However, in response to robust feedback on a flat cap of 10, we have here applied a variable cap at the first whole number above 99.9% of all research in the given field, reducing the proportion of excluded papers from 0.34% last September, to less than 0.1% going forward.”³

Desde 2009, a Universidade do Porto disponibiliza ao QS a lista de empregadores e os dados relativos a estudantes, docentes / investigadores e propinas. Desde 2011, disponibiliza as listas de académicos e variantes de nome da Universidade no Scopus.

Para esta edição, os dados de estudantes (2014/2015) e académicos (2015) foram solicitados em março de 2016, reportados e validados pelo QS em abril.

As listas de académicos, empregadores e variantes de nome no Scopus foram pedidas no início de dezembro de 2015 e enviadas no fim de janeiro de 2016.

² <https://www.topuniversities.com/subject-rankings/methodology> acedido 8 de março de 2017.

³ <http://www.iu.qs.com/university-rankings/subject-tables/> acedido 8 de março de 2017.

2.1 Evolução⁴ das posições da U.Porto no QS World University Rankings

Universidade do Porto

	2010	2011	2012	2013	2014	2015	2016
Ranking do Mundo	451-500	401-450	401-450	343	293	308	323
Ranking da Europa	202	185-203	177-194	157	137	138	143
Ranking da Ibero-américa	18	19	20	20	16	17	21
Ranking de Portugal	3	2	2	1	1	1	1

Quacquareli Symonds - QS World University – FACT FILE U.PORTO⁵

	2011		2012		2013		2014		2015		2016	
	Score	Rank	Score	Rank	Score	Rank	Score	Rank	Score	Rank	Score	Rank
OVERALL	26,8	401-450	31	401-450	37,3	343=	42,0	293	41,6	308	35,2	323
SURVEY INDICES												
Academic Reputation (40%)	36,4	301+	39,6	288	50,1	222	56,2	205	49,3	237	41,7	238
Employer Reputation (10%)	7,2	301+	27,2	301+	41,1	373	46,7	333	39,9	391	39,5	317
DATA INDICES												
Faculty Student (20%)	28,1	301+	27,4	301+	25,8	401+	24,4	401+	21,5	401+	15,0	501+
Citations per Faculty (20%)	21,2	301+	27,1	301+	33,8	362	44,1	305	61,9	210	54,4	200
International Faculty (5%)	10,0	301+	10,7	301+	10,5	401+	9,0	401+	8,1	401+	9,3	501+
International Students (5%)	12,3	301+	12,8	301+	10,9	401+	11,7	401+	14,1	401+	6,2	501+

⁴ Dados de 2010 a 2013 retirados de “Evolução das posições da Universidade do Porto nos rankings universitários”, jan.de 2014, in https://sigarra.up.pt/up/pt/conteudos_service.conteudos_cont?pct_id=20113&pv_cod=55GoHdmanvlg; dados de 2014 a 2016 retirados de <http://www.topuniversities.com/qs-world-university-rankings> respetivamente 16 de setembro de 2014, 15 de setembro de 2015 e 6 de setembro de 2016.

⁵ QS WUR FACT FILE [University of Porto] 2014, 2015 e 2016.

2.2. Universidades portuguesas no QS World University Rankings 2016

Posições das universidades portuguesas no QS WUR 2016

	Mundo		Europa		Ibero-américa		Portugal	
	2015	2016	2015	2016	2015	2016	2015	2016
Universidade do Porto	308	323	138	143	17	21	1	1
Universidade de Lisboa	481-490	330	213-216	146-148	33-34	22	4	2
Universidade Nova de Lisboa	351	366	158	164-166	22	24	2	3
Universidade de Coimbra	367	451-460	167	199-201	23	29	3	4
Universidade Católica Portuguesa	651-700	701+	268-279	283-348	62-70	64-111	5	5
#IES	891	916	338	348	113	111	5	5

Scores⁶ das universidades portuguesas no QS WUR 2016

	Academic Reputation		Employer Reputation		Faculty Student		Citations per Faculty		International Faculty		International Students		Overall Score	
	2015	2016	2015	2016	2015	2016	2015	2016	2015	2016	2015	2016	2015	2016
U.Porto	49,3	41,7	39,9	39,5	21,5	15	61,9	54,4	8,1	6,2	14,1	9,3	41,6	35,2
U.Lisboa	n/d	42,4	n/d	50,7	n/d	14,4	n/d	40,8	n/d	7,3	n/d	23,1	n/d	34,6
UNL	35,7	29,3	51,7	51,7	48	38,7	27,2	21,4	39,5	36,1	32,3	26,6	38,2	32,1
U.Coimbra	44,0	35,2	36,4	n/d	28,6	15	37,2	31	26,8	9,4	25,3	20,7	37,1	27,3
UCP	n/d	n/d	n/d	45,6	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d	n/d

n/d – não disponível.

Na edição de 2015 foram disponibilizados os indicadores parcelares apenas para as IES listadas no top 400 (por *overall score*). Na edição de 2016, para além destes, foram disponibilizados os indicadores parcelares sempre que o valor coloca a IES no top 400 no indicador em causa.

⁶ 2015 QS World University Rankings Supplement e 2016 QS World University Rankings Supplement retirados de <http://www.iu.qs.com/product-category/rankings-supplements/> respetivamente em 15 setembro de 2015 e 6 de setembro de 2016.

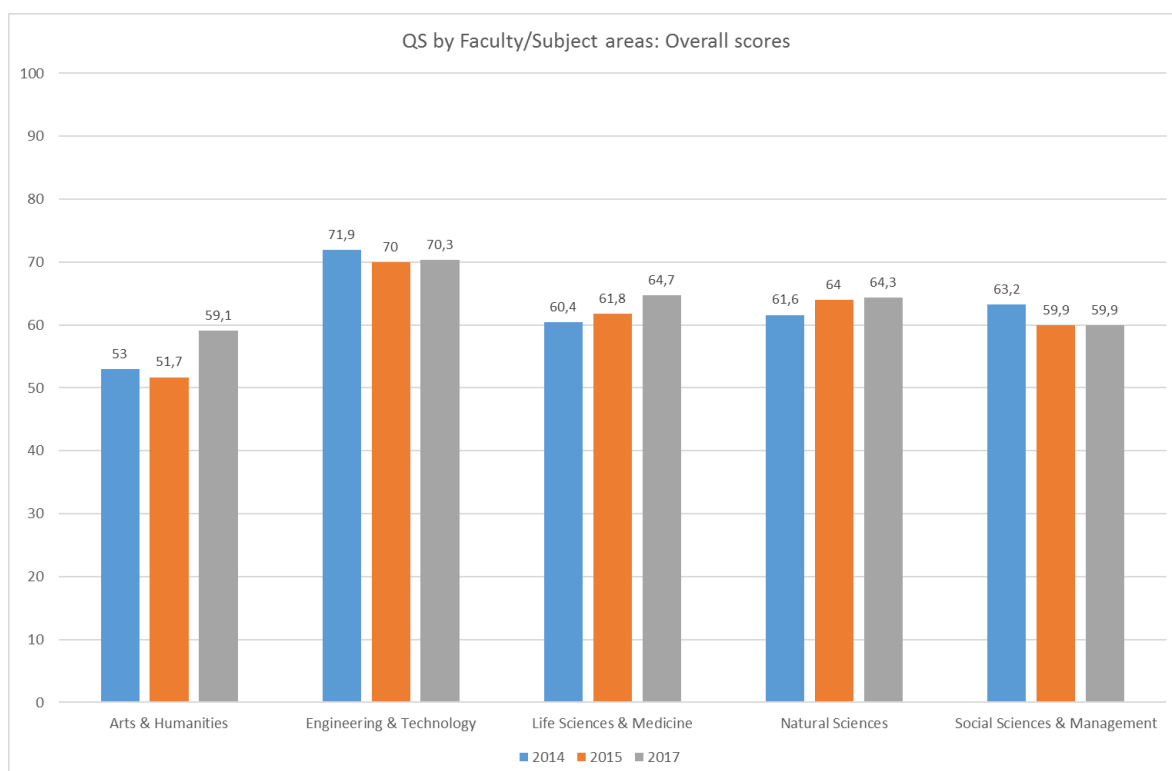
3.1 A U.Porto no QS World University Rankings by Subject: evolução⁷

Posições by Faculty/Subject areas

	2011		2012		2013		2014		2015		2017 ⁸	
	Score	Rank	Score	Rank	Score	Rank	Score	Rank	Score	Rank	Score	Rank
Arts & Humanities	13,5	332	14,3	312	52,9	224=	53,0	398	51,7	381=	59,1	315
Engineering & Technology	12,9	239	12,6	249	67,9	152=	71,9	169=	70,0	168=	70,3	184
Life Sciences & Medicine	9,3	372	10,3	330	61,7	250=	60,4	270=	61,8	263=	64,7	278
Natural Sciences	13,7	276	13,2	279	66,4	208=	61,6	380=	64,0	336=	64,3	385
Social Sciences & Mgmt	10,7	399	11,6	346	62,9	187	63,2	309=	59,9	322=	59,9	310

Scores

	Overall			Academic			Citations			Employer			H		
	2014	2015	2017	2014	2015	2017	2014	2015	2017	2014	2015	2017	2014	2015	2017
Arts & Humanities	53	51,7	59,1	53,4	55,7	62,5	57,6	60,7	71,1	76,3	60,8	61,9	-	-	20,8
Engineering & Technology	71,9	70	70,3	59,9	65,8	68,3	82	82,9	82,5	81,3	64,6	63,7	74,7	79,3	76,6
Life Sciences & Medicine	60,4	61,8	64,7	56,3	66,7	67,2	70	67,6	67,9	77,8	54,9	55,3	50,3	51,1	61,2
Natural Sciences	61,6	64	64,3	51,4	66,7	67,5	75,3	75,6	75,7	74,9	55,8	59,6	55	55,2	51,2
Social Sciences & Mgmt	63,2	59,9	59,9	52,4	57,5	54,6	89,1	73	77,9	73,8	59,8	62,5	60	58,6	60,7



⁷ Dados de 2010 a 2013 retirados de “Evolução das posições da Universidade do Porto nos rankings universitários”, jan.de 2014, in https://sigarra.up.pt/up/pt/conteudos_service.conteudos_cont?pct_id=20113&pv_cod=55GoHdmanvlg; dados de 2014, 2015 e 2017 retirados respetivamente de QS WUR FACT FILE [University of Porto] 2014, 2015 e QS WUR by Subject FACT FILE [University of Porto] 2017.

⁸ O QS WUR by Faculty referente a 2016 só foi publicado com a designação “Subject Areas 2017” em 8 de março de 2017.

3.1.1 Evolução das posições

	2013 Rank	2014 Rank	2014 Score*	2015 Score*	2015 Rank World	2015 Rank Euro	2015 Rank Iberam	2016 Score*	2016 Rank World	2016 Rank Euro	2016 Rank Iberam	2017 Score*	2017 Rank World	2017 Rank Euro	2017 Rank Iberam
ARTS & HUMANITIES															
Archaeology ^(novo2016)								41,4				52,5	151-200	89-112	7-12
Architecture / Built environment ^(novo2015)				53,8				65,1	51-100	17-32	4-9	66,9	51-100	20-35	5-9
Art & Design ^(novo2015)				56,2				53,1				55,7	151-200	50-61	20-32
English Language & Literature															
History				40,9				41,9				51,4			
Linguistics				47,1				45,3				50,1	251-300	102-121	26-32
Modern Languages		>200	38,0	61,7	201-250	89-115	20-23	60,4	201-250	92-114	20-27	62,4	201-250	84-105	24-31
Performing Arts ^(novo2016)								39,1				29,7			
Philosophy				32,6				31,3				39,8			
Theology, Divinity & Religious Stud. ^(novo2017)															
ENGINEERING & TECHNOLOGY															
Computer Science & Information Systems		>200	56,6	60,6	201-250	71-95	13-16	60,4	251-300	93-121	19-21	61,1	201-250	74-92	14-18
Engineering - Chemical	101-150	101-150	57,3	66,0	101-150	26-41	3-6	65,6	101-150	23-38	4-8	67,6	101-150	23-35	4-9
Engineering - Civil & Structural	101-150	101-150	56,1	72,8	51-100	16-30	3-5	72,8	51-100	15-33	2-5	74,4	51-100	16-32	2-5
Engineering - Electrical & Electronic		151-200	62,3	66,0	151-200	48-64	6-9	65	151-200	50-64	7-12	63,7	201-250	62-82	11-18
Engineering - Mechanical, Aeronautical & Manufacturing		>200	59,3	61,3	201-300	62-100	7-15	60,2	151-200	47-66	4-12	62,8	151-200	44-63	5-9
Engineering – Mineral & Mining ^(novo2016)								51,2				50,7			
LIFE SCIENCES & MEDICINE															
Agriculture & Forestry	151-200	151-200	46,9	60,5	101-150	29-47	10-25	58,1	151-200	46-64	27-33	61,1	151-200	45-65	24-30
Anatomy & Physiology ^(novo2017)												65,1			
Biological Sciences		>200	49,6	52,1	301-400	127-160	15-21	50,7	301-350	126-155	17-23	58,9	251-300	101-120	12-14
Dentistry ^(novo2015)				42,2				48,6				60,4			
Medicine		>200	51,4	55,2	301-400	141-176	17-29	57,9	301-350	138-174	18-31	59,7	251-300	119-138	14-17
Nursing ^(novo2016)								53,4				60,2			
Pharmacy & Pharmacology	151-200	151-200	59,1	58,3	151-200	64-86	13-15	64	151-200	64-85	13-17	68,8	151-200	63-83	63-83
Psychology		>200	43,6	52,9				53,6				51,2			
Veterinary Science ^(novo2015)				63,1				61,4				59,6			

	2013 Rank	2014 Rank	2014 Score*	2015 Score*	2015 Rank World	2015 Rank Euro	2015 Rank Iberam	2016 Score*	2016 Rank World	2016 Rank Euro	2016 Rank Iberam	2017 Score*	2017 Rank World	2017 Rank Euro	2017 Rank Iberam
NATURAL SCIENCES															
Chemistry		>200	55,3	64,8	251-300	105-124	13-19	61,6	301-350	118-163	18-25	62,8	251-300	96-115	12-18
Earth & Marine Sciences	151-200	151-200	59,7	61,1				64,3				65,6			
Environmental Sciences		>200	55,0	73,2	151-200	50-71	7-12	66,7	201-250	70-89	11-20	74,2	151-200	52-68	10-12
Geography		>200	45,2	56,2				52,2				53,9			
Materials Science		>200	53,4	56,4				61,1				64,4	201-250	59-82	9-16
Mathematics		>200	52,9	61,1	251-300	108-133	15-18	60,7	301-350	137-184	21-30	62,5	251-300	104-133	19
Physics & Astronomy		>200	51,9	51,3				52,1				54,9	451-500	211-231	37-40
SOCIAL SCIENCES & MANAGEMENT															
Accounting & Finance				51,0				53,1				52,4			
Anthropology ^(novo2016)								30,9				50,4			
Business & Management Studies ^(novo2015)				57,4				56,9				56,1			
Communication & Media Studies		>200	32,4	30,6				42,7				52,7			
Development Studies ^(novo2015)				47,5				55,3				51,3			
Economics & Econometrics		>200	43,0	54,1				57,6	201-250	86-131	13-23	59,9	201-250	87-111	16-34
Education		>200	47,4	59,2				63,1	151-200	49-69	9-12	65,1	151-200	53-69	8-11
Hospitality & Leisure Management ^(novo2017)												47,2			
Law	151-200	151-200	49,8	53,0				49,2				50,8	251-300	115-138	30-40
Politics & International Studies												35,2			
Social Policy & Administration ^(novo2016)								41,7				44,7			
Sociology				47,6				46,9				53,1	251-300	105-128	23-29
Sport-related Subjects ^(novo2017)												76,2	48	11	3
Statistics & Operational Research															

* Fontes: QS WUR by Subject FACT FILE [University of Porto] 2014, 2015, 2016 e 2017

3.1.2. Evolução dos scores

	Score overall				academic			employer			citations			H		
	2014	2015	2016	2017	2015	2016	2017	2015	2016	2017	2015	2016	2017	2015	2016	2017
ARTS & HUMANITIES																
Archaeology ^(novo2016)			41,4	52,5		39,6	52,3		44,7	58,4		55,2	55,2		37,3	44,8
Architecture / Built environment ^(novo2015)		53,8	65,1	66,9	44,8	59,6	62,6	76,8	72,4	69,8	82	86,4	85,7	65,5	74,8	75,3
Art & Design ^(novo2015)		56,2	53,1	55,7	54,4	51,5	55,2	72,2	67,6	60,2						
English Language & Literature																
History		40,9	41,9	51,4	45,5	43,1	54,6	62	60,3	66,2	12,2	40,3	36,2	37,1	26,6	44,2
Linguistics		47,1	45,3	50,1	49,5	48,4	52	49,1	38,6	47,3	31,3	33,3	42,8	20,8	20,6	32
Modern Languages	38	61,7	60,4	62,4	67,2	64,1	67,6	48,9	51,7	50,2						
Performing Arts ^(novo2016)			39,1	29,7		39,1	27,6		39,1	48,2						
Philosophy		32,6	31,3	39,8	31	29,6	40,9	38,2	37	63,8	30,9	37,5	33,6	43,6	35,2	25,6
Theology, Divinity & Religious Studies ^(novo2017)																
ENGINEERING & TECHNOLOGY																
Computer Science & Information Systems	56,6	60,6	60,4	61,1	50,7	51,7	51,2	65,7	62,6	63,2	74,6	76,9	77,8	62,7	63	66,4
Engineering - Chemical	57,3	66	65,6	67,6	56,5	56	62,8	64,8	64,8	63,5	81,1	81,8	82,5	78,5	76,7	73,8
Engineering - Civil & Structural	56,1	72,8	72,8	74,4	62,4	62	68,8	69,9	66,7	65,1	92	96,7	94,9	87,1	89,6	87,3
Engineering - Electrical & Electronic	62,3	66	65	63,7	49	46,8	52,1	75,8	70,7	63,3	86,4	87,5	84,3	71,3	79,4	74,9
Engineering - Mechanical, Aeronautical & Manufacturing	59,3	61,3	60,2	62,8	42,5	44,4	52,1	69,8	64,8	62,3	85,5	83	84,3	69,9	70	70,5
Engineering - Mineral & Mining ^(novo2016)			51,2	50,7		40,4	36,3		58,9	59		73,1	76,6		55,1	61,9
LIFE SCIENCES & MEDICINE																
Agriculture & Forestry	46,9	60,5	58,1	61,1	53,6	51,1	49,8	30,9	29,5	44,7	82	81,2	84,1	60,5	66,8	74,7
Anatomy & Physiology ^(novo2017)				65,1			62,4			63,6			73			62
Biological Sciences	49,6	52,1	50,7	58,9	46,6	44,3	55,5	26,7	33,8	61,1	71,2	68,9	67,9	51,9	49,6	54,3
Dentistry ^(novo2015)		42,2	48,6	60,4	29,1	44,2	49,9	43,5	41,3	50	48,4	56,1	67,5	48,5	48	67,4
Medicine	51,4	55,2	57,9	59,7	46,9	51,4	50,8	34,8	34,1	51,2	73,2	76,6	73,9	58,7	59	63,2
Nursing ^(novo2016)			53,4	60,2		56,5	62,5		20,7	21,5		68,3	69,9		46,4	61,2

	Score overall				academic			employer			citations			H		
	2014	2015	2016	2017	2015	2016	2017	2015	2016	2017	2015	2016	2017	2015	2016	2017
Pharmacy & Pharmacology	59,1	58,3	64	68,8	45,5	55,7	60,2	17,9	17	16,4	81,4	84,2	89,1	71,7	75,8	83,4
Psychology	43,6	52,9	53,6	51,2	49,5	52,1	47,2	63,7	64,5	62,8	56,9	53,9	55,5	45,1	45,5	43,3
Veterinary Science ^(novo2015)		63,1	61,4	59,6	55,1	56,9	47,1	43,4	44,2	52	75,2	72,6	76,2	65,4	60,3	58,1
NATURAL SCIENCES																
Chemistry	55,3	64,8	61,6	62,8	58,4	56,7	57,7	60	53,3	57,1	76,5	76,1	76,8	70,5	65	64,6
Earth & Marine Sciences	59,7	61,1	64,3	65,6	46	59,2	61,2	69,4	63,7	58,5	81,5	78,3	77,7	61,6	58,8	63,4
Environmental Sciences	55	73,2	66,7	74,2	66	52,7	66,7	56,1	53,7	50,4	86,1	87,7	87,1	78,5	73,2	83
Geography	45,2	56,2	52,2	53,9	56,6	51,1	48,9	36,1	52,2	63	56,2	58,1	59,9	67,8	51	61,6
Materials Science	53,4	56,4	61,1	64,4	45,4	47,9	54,3	48	61,5	62,1	74,2	77,3	81,2	59,7	65,9	64,7
Mathematics	52,9	61,1	60,7	62,5	52,5	53,8	52,4	56,2	53,9	62,4	78	76,8	78,8	66,1	65	66,6
Physics & Astronomy	51,9	51,3	52,1	54,9	42,8	42,7	43	39,1	38,5	49,2	74,4	76	78,6	57,2	60,8	60,6
SOCIAL SCIENCES & MANAGEMENT																
Accounting & Finance		51	53,1	52,4	50,9	52,3	50,6	60,7	60,8	63,5	29,5	43,6	39,4	44,2	43,9	40,8
Anthropology ^(novo2016)			30,9	50,4		24,2	51,4		39	47,5		50,8	54,6		50	42
Business & Management Studies ^(novo2015)		57,4	56,9	56,1	48	46,6		63,3	62,1		71,6	73,2		72,6	76,7	
Communication & Media Studies	32,4	30,6	42,7	52,7	13,5	41,1	53,6	59,7	58,3	62,3	44,3	43,1	49,5	44,9	38,7	48,9
Development Studies ^(novo2015)		47,5	55,3	51,3	42,6	54,5	46	37,2	35,9	38,6	67,9	69,2	76,1	53,8	57,8	56,2
Economics & Econometrics	43	54,1	57,6	59,9	41,5	49,8	50,3	66,1	63,1	64,3	70,4	67,2	72,3	51,1	58	62,4
Education	47,4	59,2	63,1	65,1	56,5	62,7	61,8	55	61,1	61,7	69,5	72,2	72,6	57,5	55,9	67,4
Hospitality & Leisure Management ^(novo2017)				47,2			48,4			32,7			71,5			50,5
Law	49,8	53	49,2	50,8	46,8	40,1	41,7	59,8	57,4	58,4	75,7	72,5	74,8	52,4	55,6	58
Politics & International Studies		--		35,2			35,7			43			20,6			23,8
Social Policy & Administration ^(novo2016)			41,7	44,7		43,4	50,5		56,8	46,9			0			
Sociology		47,6	46,9	53,1	51,2	49,3	54,9	37,3	30,5	44,1	54,7	63,2	58	35,5	40,9	48,9
Sports-related Subjects ^(novo2017)				76,2			78,4			62,3			81,6			71,4
Statistics & Operational Research																

Fontes: QS WUR by Subject FACT FILE [University of Porto] 2014, 2015, 2016 e 2017

3.2. Universidades portuguesas no QS World University Rankings by Subject 2017 ⁹

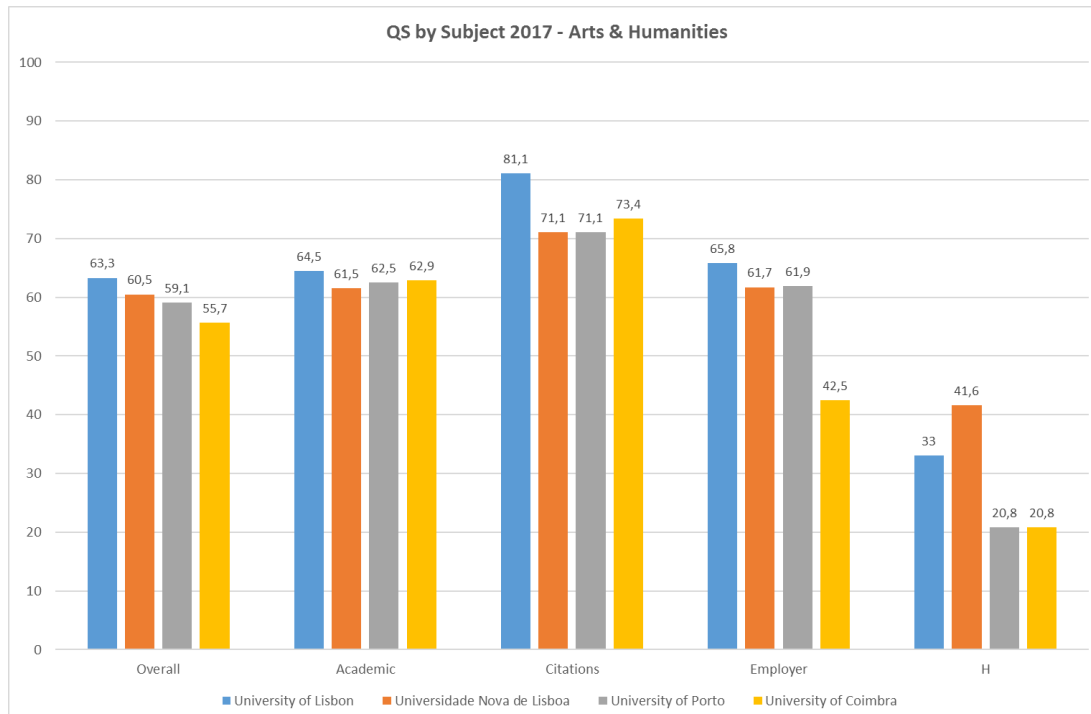
3.2.1. Arts & Humanities

Posições

	Mundo			Europa			Ibero-américa			Portugal		
	2014	2015	2017	2014	2015	2017	2014	2015	2017	2014	2015	2017
U.Lisbon	256	259	226	108	110-111	96-98	16	17	13	1	1	1
U.Nova Lisboa	307	286	284	129	123-124	118-121	22	19	19	2	2	2
U.Porto	398	381	315	167	163	135-135	38	28	20	4	4	3
U.Coimbra	365	379	391	152	162	172-173	31	27	33	3	3	4
Nº de IES	400	400	500	167	169	222	38	33	45	4	4	4

Scores

	Overall		Academic		Citations		Employer		H	
	2015	2017	2015	2017	2015	2017	2015	2017	2015	2017
U.Lisbon	57,6	63,3	55,8	64,5	71,7	81,1	63,2	65,8	43,1	33
U.Nova Lisboa	56,4	60,5	56,1	61,5	65,7	71,1	59,2	61,7	43,1	41,6
U.Porto	51,7	59,1	55,7	62,5	60,7	71,1	60,8	61,9	n/d	20,8
U.Coimbra	51,8	55,7	58,8	62,9	66,7	73,4	38,4	42,5	21,5	20,8



⁹ <http://www.topuniversities.com/subject-rankings/2017> acedido entre 8 e 10 de março de 2017. Informação de 2016 foi acedida em 22 e 24 de março de 2016.
<http://www.topuniversities.com/faculty-rankings> Informação de 2014 e 2015 foi acedida respetivamente em 16 de setembro de 2014 e 15 de setembro 2015.

Archaeology (top 200)

Em 2016 não era mencionada nenhuma universidade portuguesa no top 100

2017		Overall	Academic	Citations	Employer	H
151-200	University of Coimbra	n/d	57,1	58,3	43,1	58
151-200	University of Lisbon	n/d	49,4	75,5	55,8	67,3
151-200	University of Porto	n/d	52,3	55,2	58,4	44,8
200	Nº de IES					

Architecture / Built environment (top 200)

Por erro, na lista de 2016 (top 100) não foi mencionada a Universidade do Porto

2017	2016		Overall	Academic	Citations	Employer	H
51-100		University of Lisbon	n/d	60,5	87,9	74,6	83,7
51-100	51-100	University of Porto	n/d	62,6	85,7	69,8	75,3
151-200		Universidade Nova de Lisboa	n/d	52,2	76,5	71,6	61,4
200	100	Nº de IES					

Art & Design (top 200)

Em 2016 não era mencionada nenhuma universidade portuguesa no top 100

2017		Overall	Academic	Employer
51-100	University of Lisbon	n/d	66,3	59,5
151-200	University of Porto	n/d	55,2	60,2
200	Nº de IES			

English Language & Literature (top 300)

Por erro, na lista de 2016 (top 300) não foi mencionada a Universidade de Coimbra

2017	2016		Overall	Academic	Citations	Employer
201-250	251-300	University of Lisbon	n/d	54	42,9	62
251-300	251-300	University of Coimbra	n/d	60,3		31,9
300	300	Nº de IES				

History (top 200)

2017	2016		Overall	Academic	Citations	Employer	H
101-150	151-200	Universidade Nova de Lisboa	n/d	67,1	59,7	65,2	56,8
151-200		University of Lisbon	n/d	57,8	75,8	48,6	73,4
200	200	Nº de IES					

Linguistics (top 300)

Em 2016 não era mencionada nenhuma universidade portuguesa no top 200

2017		Overall	Academic	Citations	Employer	H
151-200	Universidade Nova de Lisboa	n/d	55,8	54,3	48,3	56,7
201-250	University of Lisbon	n/d	49,7	69,2	47,4	56,7
251-300	University of Porto	n/d	52	42,8	47,3	32
300	Nº de IES					

Modern Languages (top 300)

2017	2016		Overall	Academic	Employer
101-150	151-200	University of Lisbon	n/d	69,1	63,7
201-250	201-250	University of Porto	n/d	67,6	50,2
251-300	251-300	University of Coimbra	n/d	70,5	33,6
300	300	Nº de IES			

Performing Arts (top 100)

Como em 2016, não é mencionada nenhuma universidade portuguesa no top 100

Philosophy (top 200)

Como em 2016, não é mencionada nenhuma universidade portuguesa no top 200

Theology, Divinity & Religious Studies (top 100)

Nova área 2017

Não é mencionada nenhuma universidade portuguesa no top 100

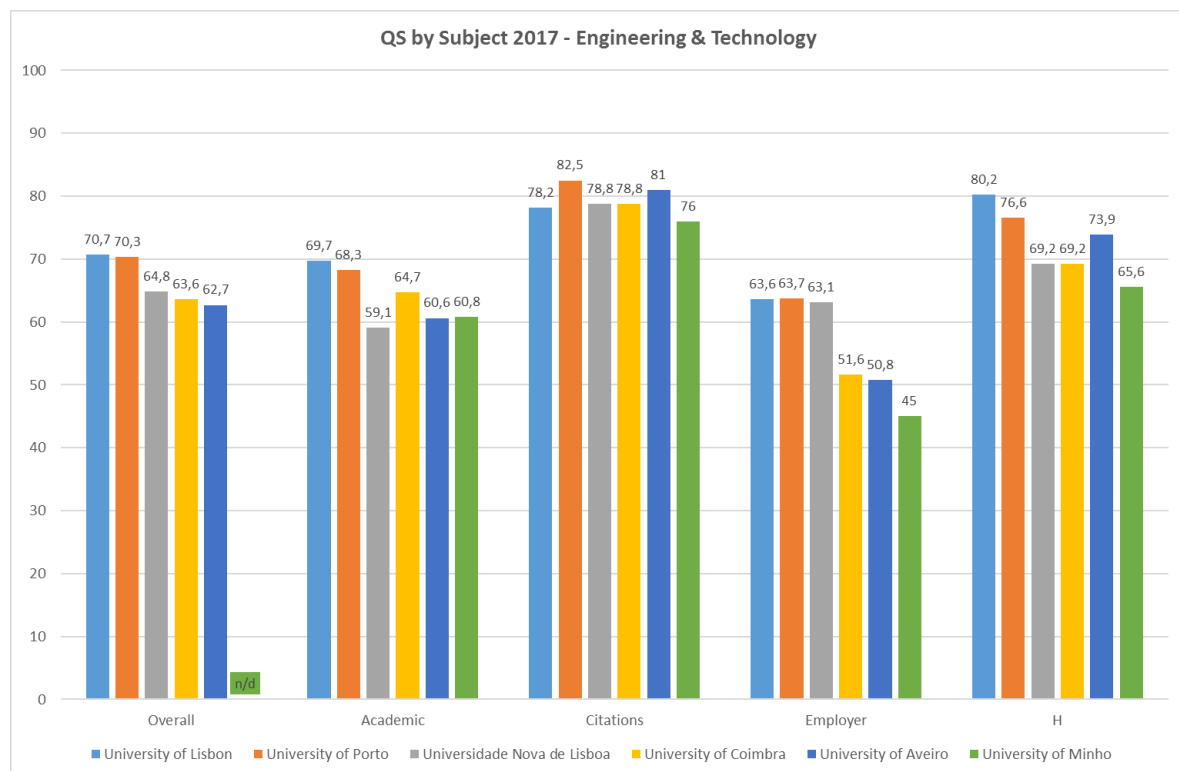
3.2.2. Engineering & Technology

Posições

	Mundo			Europa			Ibero-américa			Portugal		
	2014	2015	2017	2014	2015	2017	2014	2015	2017	2014	2015	2017
U.Lisbon			172			61-63			5			1
U.Porto	169	168	184	55	55	67	9	9	7	1	1	2
U.Nova Lisboa	382	297	296	148	119-120	125-126	30	22	20	3	3	3
U.Coimbra	291	276	335	108	109-110	143-145	23	20	23	2	2	4
U.Aveiro			361			154-155			25			5
U.Minho			451-500			185-203			32-35			6
Nº de IES	384	400	500	151	160	203	30	28	35	3	3	6

Scores

	Overall		Academic		Citations		Employer		H	
	2015	2017	2015	2017	2015	2017	2015	2017	2015	2017
U.Lisbon		70,7		69,7		78,2		63,6		80,2
U.Porto	70	70,3	65,8	68,3	82,9	82,5	64,6	63,7	79,3	76,6
U.Nova Lisboa	62,7	64,8	53,9	59,1	77,8	78,8	64,9	63,1	66,9	69,2
U.Coimbra	63,6	63,6	59,9	64,7	76,2	78,8	59,5	51,6	69,1	69,2
U.Aveiro		62,7		60,6		81		50,8		73,9
U.Minho		n/d		60,8		76		45		65,6



Computer Science & Information Systems (top 500)

Por erro, na lista de 2016 (top 500) não foi mencionada a Universidade de Coimbra

2017	2016		Overall	Academic	Citations	Employer	H
101-150		University of Lisbon	n/d	55,8	79,6	69,4	77,7
201-250	251-300	University of Porto	n/d	51,2	77,8	63,2	66,4
251-300	251-300	University of Coimbra	n/d	48,8	81,2	59,1	67,8
500	500	Nº de IES					

Engineering – Chemical (top 300)

2017	2016		Overall	Academic	Citations	Employer	H
101-150	101-150	University of Porto	n/d	62,8	82,5	63,5	73,8
151-200	151-200	Universidade Nova de Lisboa	n/d	56	74,8	62,3	64,2
151-200		University of Lisbon	n/d	55,2	77,8	62	69,7
251-300		University of Aveiro	n/d	54,9	80,7	40,8	65
251-300		University of Coimbra	n/d	50,6	63,2	57,7	50,3
251-300		University of Minho	n/d	48,5	77,1	50,4	60,5
300	200	Nº de IES					

Engineering - Civil & Structural (top 200)

2017	2016		Overall	Academic	Citations	Employer	H
51-100		University of Lisbon	n/d	69	88,4	62	87,3
51-100	51-100	University of Porto	n/d	68,8	94,9	65,1	87,3
101-150	101-150	University of Coimbra	n/d	66,6	86,3	61,3	70,4
101-150	101-150	University of Minho	n/d	66,4	94,9	53,1	84,9
200	200	Nº de IES					

Engineering - Electrical & Electronic (top 400)

2017	2016		Overall	Academic	Citations	Employer	H
101-150		University of Lisbon	n/d	60,9	83,5	65,1	82,5
201-250	151-200	University of Porto	n/d	52,1	84,3	63,3	74,9
251-300		University of Coimbra	n/d	46,4	78,5	61,1	71,4
301-350		Universidade Nova de Lisboa	n/d	43,8	69,5	65	58,4
351-400		University of Aveiro	n/d	43,9	78,2	50,6	66,7
400	300	Nº de IES					

Engineering - Mechanical, Aeronautical & Manufacturing (top 400)

2017	2016		Overall	Academic	Citations	Employer	H
151-200	151-200	University of Porto	n/d	52,1	84,3	62,3	70,5
201-250		University of Lisbon	n/d	49,5	77,4	65,2	72,2
301-350		University of Aveiro	n/d	44	78,7	52,9	63,5
301-350		University of Coimbra	n/d	48,6	74,1	54,8	62,3
351-400		Universidade Nova de Lisboa	n/d	38,4	74,5	60,9	58,6
400	300	Nº de IES					

Engineering – Mineral & Mining (top 50)

Em 2016, não era mencionada nenhuma universidade portuguesa no top 100

2017		Overall	Academic	Citations	Employer	H
44	University of Lisbon	59,2	45,9	81,3	62,2	77,2
50	Nº de IES					

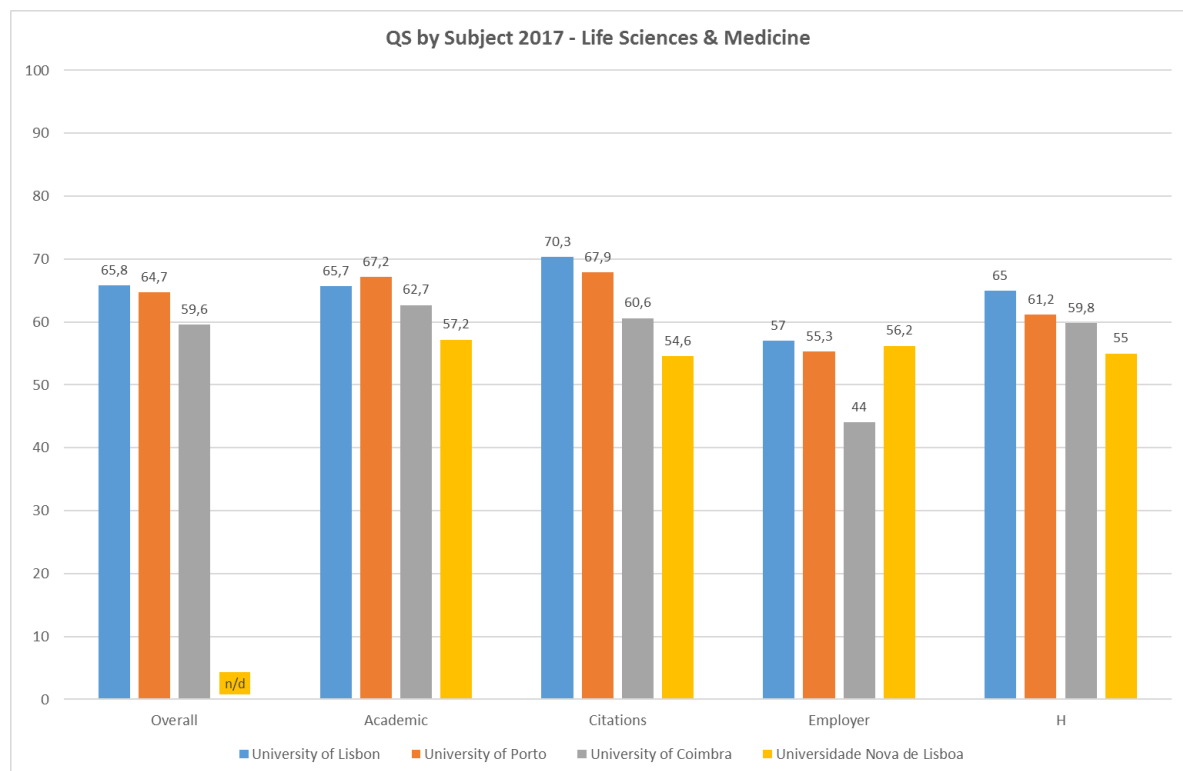
3.2.3. Life Sciences & Medicine

Posições

	Mundo			Europa			Ibero-américa			Portugal		
	2014	2015	2017	2014	2015	2017	2014	2015	2017	2014	2015	2017
U.Lisbon			257			111-113			12			1
U.Porto	270	263	278	122	114-115	123	13	13	14	1	1	2
U.Coimbra	367	360	375	147	143-144	151	15	20	21	2	2	3
U.Nova Lisboa			401-450			161-176			23-25			4
Nº de IES	387	400	500	160	158	199	23	20	32	2	2	4

Scores

	Overall		Academic		Citations		Employer		H	
	2015	2017	2015	2017	2015	2017	2015	2017	2015	2017
U.Lisbon		65,8		65,7		70,3		57		65
U.Porto	61,8	64,7	66,7	67,2	67,6	67,9	54,9	55,3	51,1	61,2
U.Coimbra	56,7	59,6	61,3	62,7	58,8	60,6	52,8	44	48,9	59,8
U.Nova Lisboa		n/d		57,2		54,6		56,2		55



Agriculture & Forestry (top 300)

2017	2016		Overall	Academic	Citations	Employer	H
101-150	151-200	University of Lisbon	n/d	56,8	84,6	47,5	75,8
151-200	151-200	University of Porto	n/d	49,8	84,1	44,7	74,7
300	200	Nº de IES					

Anatomy & Physiology (top 100)

Nova área 2017

Não é mencionada nenhuma universidade portuguesa no top 100.

Biological Sciences (top 500)

2017	2016		Overall	Academic	Citations	Employer	H
201-250		University of Lisbon	n/d	59,7	70,2	65,2	56,2
251-300	301-400	University of Porto	n/d	55,5	67,9	61,1	54,3
351-400	301-400	Universidade Nova de Lisboa	n/d	45,5	70,7	56	52,2
351-400	301-400	University of Coimbra	n/d	50,1	73,4	43,2	50,7
451-500		University of Minho	n/d	42	68,8	51,2	45,2
500	400	Nº de IES					

Dentistry (top 50)

Como em 2016, não é mencionada nenhuma universidade portuguesa no top 50

Medicine (top 500)

2017	2016		Overall	Academic	Citations	Employer	H
251-300	301-400	University of Lisbon	n/d	48,7	76,5	56,1	63
251-300	301-400	University of Porto	n/d	50,8	73,9	51,2	63,2
351-400	301-400	Universidade Nova de Lisboa	n/d	38,7	75,6	45,7	53,9
351-400	301-400	University of Coimbra	n/d	44,1	76,5	31,8	61
451-500		University of Minho	n/d	28,7	72,6	25,8	50,3
500	400	Nº de IES					

Nursing (top 100)

Como em 2016, não é mencionada nenhuma universidade portuguesa no top 100

Pharmacy & Pharmacology (top 300)

2017	2016		Overall	Academic	Citations	Employer	H
101-150		University of Lisbon	n/d	53,8	90,7	64	79,2
151-200	151-200	University of Porto	n/d	60,2	89,1	16,4	83,4
201-250		University of Coimbra	n/d	52,1	87		81,9
300	200	Nº de IES					

Psychology (top 300)

Em 2016 não era mencionada nenhuma universidade portuguesa no top 200

2017		Overall	Academic	Citations	Employer	H
201-250	University of Lisbon	n/d	50,7	71,7	61,5	59
251-300	University of Coimbra	n/d	53	62,1	56,1	50,7
300	Nº de IES					

Veterinary Science (top 50)

Como em 2016, não é mencionada nenhuma universidade portuguesa no top 50

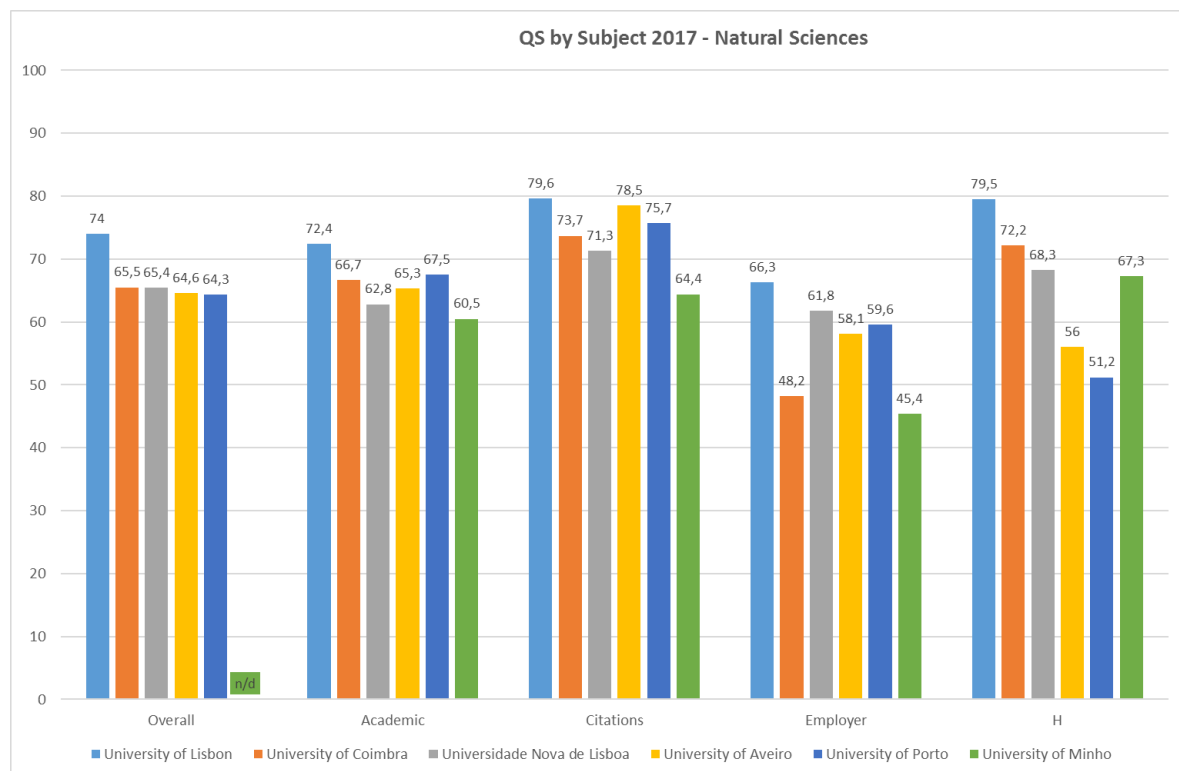
3.2.4. Natural Sciences

Posições

	Mundo			Europa			Ibero-américa			Portugal		
	2014	2015	2017	2014	2015	2017	2014	2015	2017	2014	2015	2017
U.Lisbon	350	360	175	158	156	82	19	19	5	1	2	1
U.Coimbra	400		345	178		156	25		19	3		2
U.Nova Lisboa		381	347		165-167	157-158		20	20		3	3
U.Aveiro			378			171			23			4
U.Porto	380	336	385	170	146-148	173	23	14	24	2	1	5
U.Minho			451-500			199-220			26-30			6
Nº de IES	400	400	500	179	173	220	25	22	30	3	3	6

Scores

	Overall		Academic		Citations		Employer		H	
	2015	2017	2015	2017	2015	2017	2015	2017	2015	2017
U.Lisbon	62,8	74	70,6	72,4	63,1	79,6	53,1	66,3	56,8	79,5
U.Coimbra		65,5		66,7		73,7		48,2		72,2
U.Nova Lisboa	62,1	65,4	62,3	62,8	68,1	71,3	61	61,8	56,8	68,3
U.Aveiro		64,6		65,3		78,5		58,1		56
U.Porto	64	64,3	66,7	67,5	75,6	75,7	55,8	59,6	55,2	51,2
U.Minho		n/d		60,5		64,4		45,4		67,3



Chemistry (top 500)

2017	2016		Overall	Academic	Citations	Employer	H
201-250		University of Lisbon	n/d	53,7	80,3	62,2	74,2
251-300	251-300	Universidade Nova de Lisboa	n/d	48,8	85,7	54,8	72,5
251-300	301-400	University of Coimbra	n/d	60,9	75,4	52,1	58,2
251-300	301-400	University of Porto	n/d	57,7	76,8	57,1	64,6
301-350		University of Aveiro	n/d	49,3	82,6	43	71,7
401-450		University of Minho	n/d	45,9	72,4	47,9	54,2
500	400	Nº de IES					

Earth & Marine Sciences (top 200)

2017	2016		Overall	Academic	Citations	Employer	H
151-200	151-200	University of Lisbon	n/d	59,3	84,5	71,7	77,7
200	200	Nº de IES					

Environmental Sciences (top 300)

2017	2016		Overall	Academic	Citations	Employer	H
101-150	251-300	University of Lisbon	n/d	65,5	86	61,6	86
151-200	201-250	University of Porto	n/d	66,7	87,1	50,4	83
251-300	201-250	Universidade Nova de Lisboa	n/d	53	88,9	66,4	77,9
--	201-250	University of Coimbra	n/d	--	--	--	--
300	300	Nº de IES					

Geography & Area Studies (top 200)

2017	2016		Overall	Academic	Citations	Employer	H
51-100	101-150	University of Lisbon	n/d	63,1	79,5	70,9	74,5
151-200	151-200	University of Coimbra	n/d	57,8	63	60,1	61,6
200	200	Nº de IES					

Materials Science (top 300)

Em 2016 não era mencionada nenhuma universidade portuguesa no top 200

2017		Overall	Academic	Citations	Employer	H
201-250	University of Aveiro	n/d	57,2	84,1	30,8	70,7
201-250	University of Lisbon	n/d	55,3	77,5	71,3	64,7
201-250	University of Porto	n/d	54,3	81,2	62,1	64,7
251-300	Universidade Nova de Lisboa	n/d	47,7	79,4	70,5	61,8
251-300	University of Coimbra	n/d	56,3	76,7	53,2	57,7
251-300	University of Minho	n/d	56	80,8	30,9	65,3
300	Nº de IES					

Mathematics (top 400)

2017	2016		Overall	Academic	Citations	Employer	H
201-250	301-400	University of Lisbon	n/d	54,4	79,8	68,4	72,6
251-300	301-400	University of Porto	n/d	52,4	78,8	62,4	66,6
301-350	--	University of Aveiro	n/d	47,8	82,2	54,9	67,9
301-350	251-300	University of Coimbra	n/d	55,6	72,2	61,5	57,8
351-400	301-400	Universidade Nova de Lisboa	n/d	45	71,9	70,9	57,8
400	400	Nº de IES					

Physics & Astronomy (top 500)

2017	2016		Overall	Academic	Citations	Employer	H
151-200	301-400	University of Lisbon	n/d	58	83,6	67	80,1
301-350	301-400	University of Coimbra	n/d	43,5	88,2	53,1	74,7
401-450		University of Aveiro	n/d	42,6	76,4	57,4	57,3
451-500		Universidade Nova de Lisboa	n/d	38,4	71,3	55,6	68,2
451-500		University of Porto	n/d	43	78,6	49,2	60,6
500	400	Nº de IES					

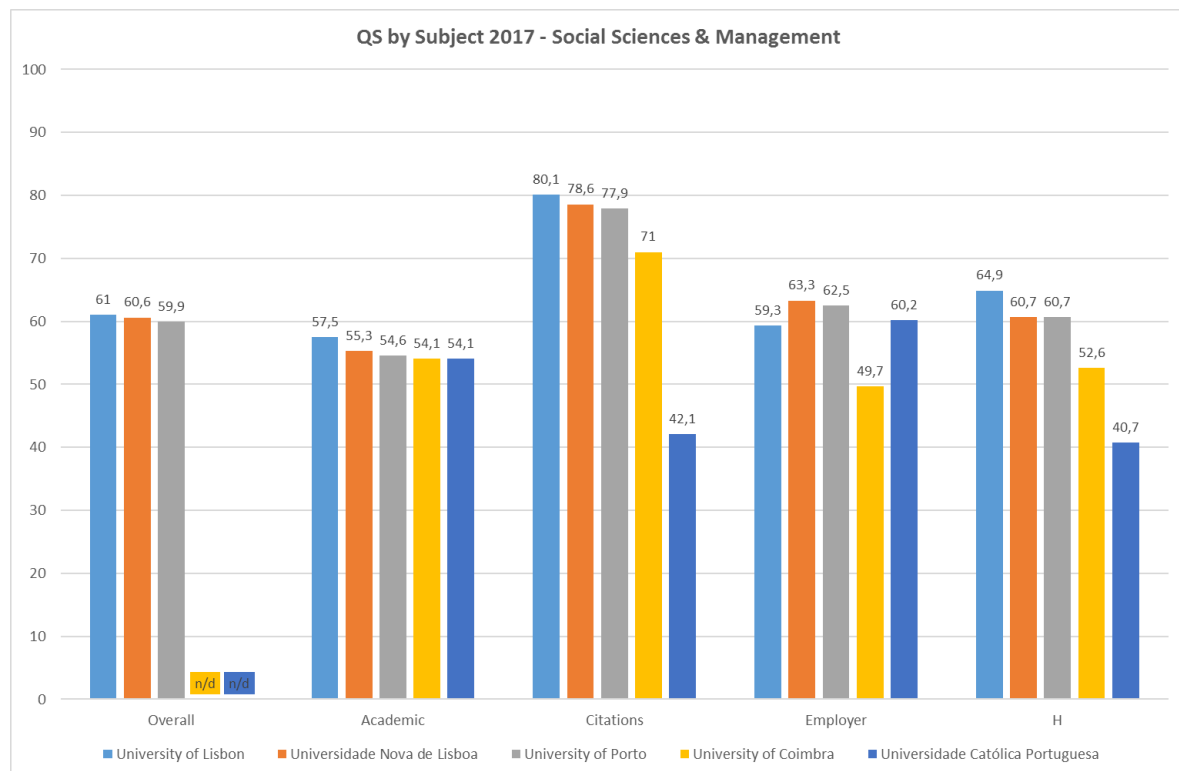
3.2.5. Social Sciences & Management

Posições

	Mundo			Europa			Ibero-américa			Portugal		
	2014	2015	2017	2014	2015	2017	2014	2015	2017	2014	2015	2017
U.Lisbon	339	358	283	141	154	124	22	24	17	3	3	1
U.Nova Lisboa	301	293	293	125	126-129	129	18	20	18	1	1	2
U.Porto	309	322	310	129	136-138	137	20	22	20	2	2	3
U.Coimbra	359	360	401-450	150	155-157	179-197	25	25-26	29-37	4	4	4
U.Católica Portuguesa	369		451-500	154		198-218	28		38-44	5		5
Nº de IES	391	400	500	167	168	218	32	29	44	5	4	5

Scores

	Overall		Academic		Citations		Employer		H	
	2015	2017	2015	2017	2015	2017	2015	2017	2015	2017
U.Lisbon	58,7	61	58,2	57,5	68,3	80,1	57,4	59,3	55,9	64,9
U.Nova Lisboa	61,2	60,6	56,7	55,3	74,2	78,6	66,2	63,3	55,9	60,7
U.Porto	59,9	59,9	57,5	54,6	73	77,9	59,8	62,5	58,6	60,7
U.Coimbra	58,6	n/d	56,5	54,1	72,4	71	57,4	49,7	58,6	52,6
U.Católica Portuguesa		n/d		54,1		42,1		60,2		40,7
U.Lisbon	58,7	61	58,2	57,5	68,3	80,1	57,4	59,3	55,9	64,9



Accounting & Finance (top 200)

2017	2016		Overall	Academic	Citations	Employer	H
101-150	151-200	Universidade Nova de Lisboa	n/d	56,9	73,4	68,5	61
200	200	Nº de IES					

Anthropology (top 100)

Como em 2016, não é mencionada nenhuma universidade portuguesa no top 100

Business & Management Studies (top 300)

Em 2016 não foi mencionada nenhuma universidade portuguesa no top 200

2017		Overall	Academic	Citations	Employer	H
151-200	Universidade Nova de Lisboa	n/d	50,8	86,9	66,5	83,8
251-300	University of Lisbon	n/d	47,9	78,4	59,9	84,6
300	Nº de IES					

Communication & Media Studies (top 200)

Como em 2016, não é mencionada nenhuma universidade portuguesa

Development Studies (top 100)

Como em 2016, não é mencionada nenhuma universidade portuguesa

Economics & Econometrics (top 400)

2017	2016		Overall	Academic	Citations	Employer	H
151-200		University of Lisbon	n/d	53	80,4	60,8	70,1
201-250	201-300	University of Porto	n/d	50,3	72,3	64,3	62,4
301-350		University of Minho	n/d	43,9	78,2	44,8	67,8
351-400		Universidade Católica Portuguesa	n/d	47,7	54,8	64,2	53,4
400	300	Nº de IES					

Education (top 300)

2017	2016		Overall	Academic	Citations	Employer	H
201-300	151-200	University of Lisbon	n/d	57,8	77,3	57	70,3
151-200	151-200	University of Porto	n/d	61,8	72,6	61,7	67,4
201-300	251-300	University of Minho	n/d	47,5	80,3	52,1	71,6
300	300	Nº de IES					

Hospitality & Leisure Management (top 50)

Nova área 2017
Não é mencionada nenhuma universidade portuguesa no top 50.

Law (top 300)

2017	2016		Overall	Academic	Citations	Employer	H
151-200	151-200	University of Coimbra	n/d	64,3	67,7	54,5	55,3
151-200		University of Lisbon	n/d	53,9	77,8	59,9	62,6
251-300		Universidade Católica Portuguesa	n/d	46,9	48,1	62,4	40,5
251-300		Universidade Nova de Lisboa	n/d	45,6	48,1	65,3	40,5
251-300		University of Porto	n/d	41,7	74,8	58,4	58
300	200	Nº de IES					

Politics & International Studies (top 200)

Como em 2016, não é mencionada nenhuma universidade portuguesa no top 200

Social Policy & Administration (top 100)

Como em 2016, não é mencionada nenhuma universidade portuguesa no top 100

Sociology (top 300)

Em 2016, não era mencionada nenhuma universidade portuguesa no top 200

2017		Overall	Academic	Citations	Employer	H
201-250	University of Lisbon	n/d	56,9	73,5	53,4	62,9
251-300	University of Porto	n/d	54,9	58	44,1	48,9
300	Nº de IES					

Sports-related Subjects (top 100)

Nova área 2017

2017		Overall	Academic	Citations	Employer	H
48	University of Porto	76,2	78,4	81,6	62,3	71,4
51-100	University of Lisbon	n/d	75,5	88,7	49,8	79
100	Nº de IES					

Statistics & Operational Research (top 200)

2017	2016		Overall	Academic	Citations	Employer	H
101-150	151-200	University of Lisbon	n/d	52,9	87,3	74,3	93,6
200	200	Nº de IES					

Anexo - Peso dos indicadores por *Subject*, em 2017¹⁰

		Top	Academic reputation %	Employers reputation %	Citations per paper %	h-index %
ARTS & HUMANITIES						
	Archaeology	200	70	10	10	10
	Architecture / Built environment	200	70	10	10	10
	Art & Design	200	90	10		
	English Language & Literature	300	80	10	10	
	History	200	60	10	15	15
	Linguistics	300	80	10	5	5
	Modern Languages	300	70	30		
	Performing Arts	100	90	10		
	Philosophy	200	75	5	10	10
	Theology, Divinity & Religious Studies	100	70	10	10	10
ENGINEERING & TECHNOLOGY						
	Computer Science & Information Systems	500	40	30	15	15
	Engineering - Chemical	300	40	30	15	15
	Engineering - Civil & Structural	200	40	30	15	15
	Engineering - Electrical & Electronic	400	40	30	15	15
	Engineering - Mechanical, Aeronautical & Manufacturing	400	40	30	15	15
	Engineering – Mineral & Mining	50	50	20	15	15
LIFE SCIENCES & MEDICINE						
	Agriculture & Forestry	300	50	10	20	20
	Anatomy & Physiology	100	40	10	25	25
	Biological Sciences	500	40	10	25	25
	Dentistry	50	30	10	30	30
	Medicine	500	40	10	25	25
	Nursing	100	30	10	30	30
	Pharmacy & Pharmacology	300	40	10	25	25
	Psychology	300	40	20	20	20
	Veterinary Science	50	30	10	30	30
NATURAL SCIENCES						
	Chemistry	500	40	20	20	20
	Earth & Marine Sciences	200	40	10	25	25
	Environmental Sciences	300	40	10	25	25
	Geography & Area Studies	200	60	10	15	15
	Materials Science	300	40	10	25	25
	Mathematics	400	40	20	20	20
	Physics & Astronomy	500	40	20	20	20
SOCIAL SCIENCES & MANAGEMENT						
	Accounting & Finance	200	50	30	10	10
	Anthropology ¹¹	100	70	10	10	10
	Business & Management Studies	300	50	30	10	10
	Communication & Media Studies	200	50	10	20	20
	Development Studies	100	60	10	15	15
	Economics & Econometrics	400	40	20	20	20
	Hospitality & Leisure Management	50	80	15	5	
	Education	300	50	10	20	20
	Law	300	50	30	5	15
	Politics & International Studies	200	50	30	10	10
	Social Policy & Administration	100	70	20	10	
	Sociology	300	70	10	5	15
	Sports-related Studies	100	60	10	15	15
	Statistics & Operational Research	200	50	10	20	20

¹⁰ <http://www.iu.qs.com/university-rankings/subject-tables/> acedido 8 de março de 2017

¹¹ Nesta parte do site a área *Anthropology* é referida como pertencente a *Arts& Humanities*.