

A Universidade do Porto no ShanghaiRanking's Global Ranking of Sport Science Schools and Departments 2021

Reitoria da Universidade do Porto
Gabinete de Avaliação e Qualidade
28 de dezembro de 2021

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<https://www.shanghairanking.com/rankings/grsssd/2021>

1. Metodologia do ShanghaiRanking's Global Ranking of Sport Science Schools and Departments

1.1. Selection of Universities

Candidate universities are selected based on two criteria. First, the candidate should either be a sports university or have sport-related unit(s). Second, the sports university or sport-related unit(s) should have published a certain number of papers recorded in the Web of Science for the past five years (actively engaging in research). In total, 460 universities with their 515 sport-related units are selected and ranked.

2. Indicators and Weights

Universities are ranked by several indicators of academic or research performance, including papers indexed in Web of Science, total citations, citations per paper, papers published in the top 25% journals, and the percentage of internationally collaborated papers. For each indicator, the highest scoring institution is assigned a score of 100, and other institutions are calculated as a percentage of the top score. Scores for each indicator are weighted as shown below to arrive at a final overall score for an institution.

In calculating the CPP score, the maximum CPP value is set as twice the average CPP for all institutions. If an institution's CPP is higher than the maximum value, its score on CPP will be assigned as 100.

Criteria	Indicator	Code	Weight
Research Output	Papers indexed in Web of Science	PUB	20%
Research Quality	Citations to papers	CIT	20%
	Citations per paper	CPP	25%
	Papers published in the top 25% journals	TOP	25%
International Collaboration	Percentage of papers with international co-authorship	IC	10%
Total			100%

3. Definition of Indicators

Indicators	Definition
PUB	PUB refers to the total number of papers indexed in the Web of Science between 2016 and 2020. Both 'Article' and 'Review' typed publications are considered.
CIT	CIT refers to the total number of citations received between 2016 and 2020 to papers published by an institution between 2016 and 2020.
CPP	CPP is citations per paper between 2016 and 2020 and the average number of CPP is used for the ranking.
TOP	TOP is the number of papers published in the top 25% of journals between 2016 and 2020. The top 25% of journals have an impact factor in the top 25% of the Journal Citation Report, 2020.
IC	IC refers to the percentage of internationally collaborated papers to all papers.

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¹ In <https://www.shanghairanking.com/methodology/grsssd/2021> acedido a 28 de dezembro de 2021.

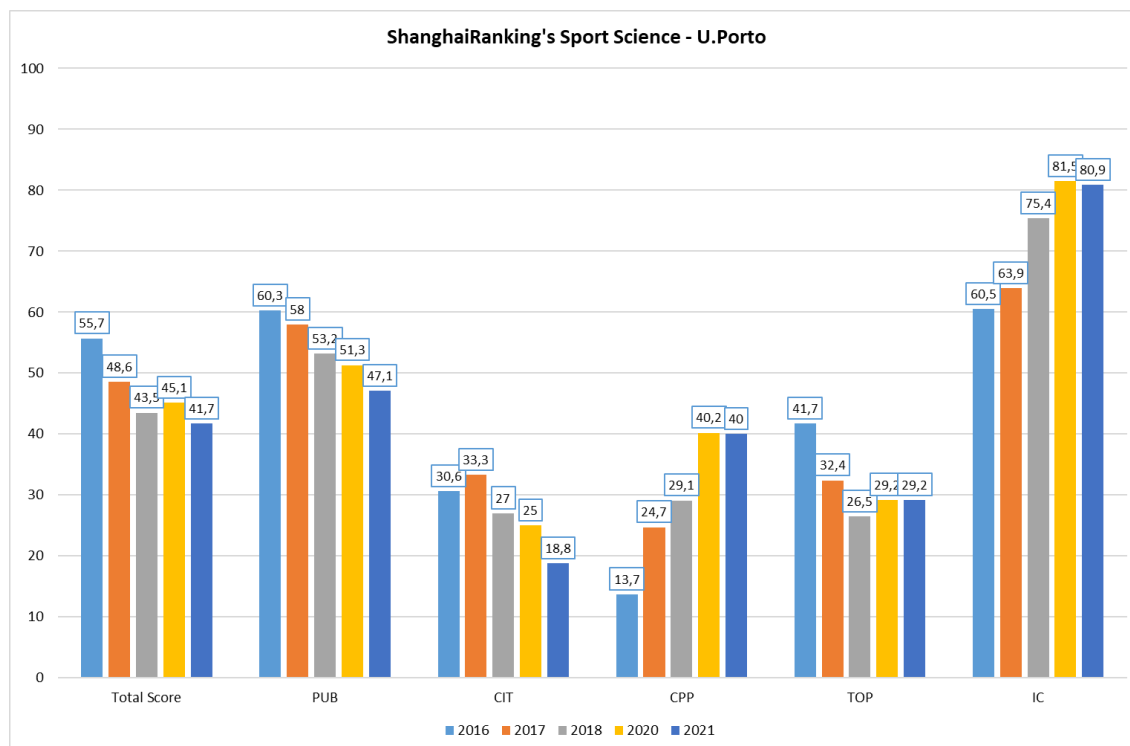
2. Evolução² das posições da U.Porto no ShanghaiRanking's Global Ranking of Sport Science Schools and Departments

Posições da U.Porto no ShanghaiRanking's Global Ranking of Sport Science Schools and Departments

	2016	2017	2018	2020	2021
Ranking Mundial	23/300	31/293	34/300	43/300	43/300
Ranking Europeu	12/144	14/122	15/134	16/137	18/140
Ranking Ibero-americano	2/38	2/34	2/36	3/41	4-38
Ranking Nacional	1/8	1/6	1/6	1/7	1/6

Scores da U.Porto no ShanghaiRanking's Global Ranking of Sport Science Schools and Departments

	Total Score	PUB	CIT	CPP	TOP	IC
2016	55,7	60,3	30,6	13,7	41,7	60,5
2017	48,6	58,0	33,3	24,7	32,4	63,9
2018	43,5	53,2	27	29,1	26,5	75,4
2020	45,1	51,3	25	40,2	29,2	81,5
2021	41,7	47,1	18,8	40	29,2	80,9



² Dados de 2016 a 2018 retirados de <http://www.shanghairanking.com/> em 06/10/2017 e 17/10/2018. Em 2019 não houve edição do ranking.. Os dados de 2020 foram retirados de <http://www.shanghairanking.com/Special-Focus-Institution-Ranking/Methodology-for-Sport-Science-Schools-and-Departments-2020.html> em.20201116; os de 2021 de <https://www.shanghairanking.com/rankings/grsssd/2021> em 20211228.

3. Universidades portuguesas no ShanghaiRanking's Global Ranking of Sport Science Schools and Departments

Posições das Universidades portuguesas no ShanghaiRanking's Global Ranking of Sport Science Schools and Departments

	Ranking Mundial					Ranking Nacional				
	2016	2017	2018	2020	2021	2016	2017	2018	2020	2021
University of Porto (Faculty of Sport)	23	31	34	43	43	1	1	1	1	1
University of Lisbon (Faculty of Human Kinetics)	151-200	151-200	51-100	51-100	101-150	7	6	2	2	2-3
University of Trás-os-Montes & Alto Douro (Center in Sports Sciences, Health and Human Development + Department of Sport Sciences, Exercise and Health)	51-100	101-150	101-150	101-150	101-150	2-5	3-5	3	3	2-3
University of Coimbra (Faculty of Sport Science and Physical Education)	51-100	101-150	151-200	151-200	151-200	2-5	3-5	4-5	4	4
University Institute of Maia - ISMAI (Department of Physical Education and Sport Sciences)	--	--	--	201-300	201-300	--	--	--	5-7	5-6
University of Beira Interior (Department of Sport Sciences)	51-100	101-150	151-200	201-300	201-300	2-5	3-5	4-5	5-7	5-6
University of Evora (Department of Sport and Health)	201-300	--	201-300	201-300	--	8	--	6	5-7	--
Technical University of Lisbon (Faculty of Human Kinetics)	51-100	51-100	--	--	--	2-5	2	--	--	--
Instituto Politecnico de Bragança (Department of Sport Science)	101-150	--	--	--	--	6	--	--	--	--
Nº de IES	300	293	300	300	300	8	6	6	7	6

-- Não consta

Scores das Universidades portuguesas no ShanghaiRanking's Global Ranking of Sport Science Schools and Departments 2021

	Total Score	PUB	CIT	CPP	TOP	IC
University of Porto	41,7	47,1	18,8	40	29,2	80,9
University of Lisbon	n/d	16,8	8,2	49	8,7	74,1
University of Tras-os-Montes & Alto Douro	n/d	10,2	5,3	52	3,5	81
University of Coimbra	n/d	12,1	4,8	39,6	5,7	89,7
University Institute of Maia - ISMAI	n/d	6,8	2,2	32,1	3,9	93,1
University of Beira Interior	n/d	9,6	3,1	32,5	3,2	67,7

n/d – não disponível. O *Total Score* só é apresentado para as primeiras 50 Universidades.

