# REF2021 results

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# Thank you – Sussex colleagues

Research Community RQI team, other members of RES REF steering group UoA and Impact Leads Heads of School Directors of Research and Knowledge Exchange PS colleagues from the Library, IT Services, CMA and Schools Sussex REF 2021 panel members and assessors External research advisors



#### What is the Research Excellence Framework (REF)?

- UK-wide system for assessing the quality of research in UK Higher Education Institutions (HEIs), carried out by four funding bodies every ~ 7 years (previously REF 2014; latest REF 2021)
- Peer-review exercise conducted by expert panels, assessed on scale 4\*-1\* (or U/C)
- 4 Main Panels; 34 Units of Assessment (Sussex submitted to 25)



### How is it assessed?



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## What do the grades mean?

	4*	3*	2*	1*	Unclassified
<b>Overall</b> quality that in terms of originality, significance and rigour	is <b>world-leading</b>	is internationally excellent	is recognised internationally	is recognised nationally	falls below the standard of nationally recognised work
<b>Outputs</b> quality that in terms of originality, significance and rigour	is <b>world-leading</b>	is <b>internationally</b> excellent	is recognised internationally	is recognised nationally	falls below the standard of nationally recognised work
<b>Impact</b> quality that in terms of reach and significance	is <b>outstanding</b>	is <b>very considerable</b>	is considerable	is recognised but modest	is of little or no reach and significance
<b>Environment</b> that is in terms of vitality and sustainability	conducive to producing <b>world-</b> leading research and outstanding impact	conducive to producing internationally excellent research and very considerable impact	conducive to producing internationally recognised research and considerable impact	conducive to producing nationally recognised research and recognised but modest impact	not conducive to producing nationally recognised research or enabling impact

## ...and why does it matter?

To the University:

**Financial.** Distribution of over £2bn funding to universities, with a greater proportion going to those who score highest

**Reputational.** League tables; student & staff recruitment; future funding, collaboration & impact opportunities

To our staff:

**Recognition.** Recognition and celebration of excellent research and impact

### In Numbers



 \*University of Sussex submission data to the Research Excellence Framework (REF 2021)

 — \*\*<u>The Research Excellence Framework (REF2021)</u>, published 12 May 2022
 — \*\*\*<u>Times Higher Education (THE)</u>, published 12 May 2022



### REF2021 vs 2014

	4*	3*	2*	1*	U/C	GPA	GPA Rank
REF 2021	40.6%	48.4%	10.1%	0.6%	0.3%	3.29	=30* (/120)
REF 2014	28.0%	48.3%	21.3%	1.9%	0.5%	3.01	36* (/112)

\*of all multi-disciplinary institutions in the UK (submitting to more than three subject areas) by grade point average (GPA). See <u>Times Higher Education (THE)</u>

For further details about our REF 2021 results, visit: https://www.sussex.ac.uk/research/ref



## UoA1 Clinical Medicine

	4*	3*	2*	1*	U/C	GPA	GPA Rank*
REF 2021	16%	64%	16%	3%	1%	2.91	30 (/31)
REF 2014	na	na	na	na	na		
Difference	na	na	na	na	na		

19.20 FTE (Brighton and Sussex Medical School)48 Outputs2 Impact Case Studies

\*Times Higher Education (THE)



	GPA Rank*
Outputs	30
Impact	29
Environment	=28

#### UoA 3 Allied Health Professions, Dentistry, Nursing and Pharmacy

	4*	3*	2*	1*	U/C	GPA	GPA Rank*
REF 2021	39%	46%	14%	0%	1%	3.22	=33 (/91)
REF 2014	38%	44%	16%	1%	1%	3.17	32 (/94)
Difference	+1%	+2%	-2%	-1%			

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63.90 FTE (Brighton and Sussex Medical School, with the University of Brighton)299 Outputs5 Impact Case Studies

\*Times Higher Education (THE)

GPA Rank\*Outputs=52Impact=27Environment=14

#### UoA 4 Psychology, Psychiatry and Neuroscience

	4*	3*	2*	1*	U/C	GPA	GPA Rank*
REF 2021	50%	38%	12%	0%	0%	3.38	=18 (/93)
REF 2014	45%	46%	9%	0%	0%	3.36	10 (/82)
Difference	+5%	-8%	+3%				

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53.90 FTE (School of Psychology)124 Outputs5 Impact Case Studies

\*<u>Times Higher Education (THE)</u>

GPA Rank\*Outputs24Impact=30Environment=15

# UoA 5 Biological Sciences

	4*	3*	2*	1*	U/C	GPA	GPA Rank*
REF 2021	35%	59%	5%	1%	0%	3.28	=22 (/44)
REF 2014	48%	39%	9%	1%	3%	3.28	10 (/44)
Difference	-12%	+20%	-4%		-3%		

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63.80 FTE (School of Life Sciences)159 Outputs5 Impact Case Studies

\*<u>Times Higher Education (THE)</u>

GPA Rank\*Outputs=19Impact23Environment=23

# UoA 8 Chemistry

	4*	3*	2*	1*	U/C	GPA	GPA Rank*
REF 2021	29%	58%	13%	0%	0%	3.16	=28 (/41)
REF 2014	11%	50%	36%	0%	3%	2.66	36 (/37)
Difference	+18%	+8%	-23%		-3%		

**US** 

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18.30 FTE (School of Life Sciences – Chemistry)46 Outputs2 Impact Case Studies

\*<u>Times Higher Education (THE)</u>

GPA Rank\*Outputs34Impact=8Environment=30

# **UoA 9 Physics**

	4*	3*	2*	1*	U/C	GPA	GPA Rank*
REF 2021	42%	52%	5%	1%	0%	3.35	26 (/44)
REF 2014	17%	60%	22%	0%	1%	2.92	34 (/41)
Difference	+25%	-8%	-17%	+1%	-1%		

**US** 

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42.70 FTE (School of Mathematical and Physical Sciences)107 Outputs4 Impact Case Studies

\*Times Higher Education (THE)

GPA Rank\*Outputs=27Impact=29Environment=7

## UoA 10 Mathematical Sciences

	4*	3*	2*	1*	U/C	GPA	GPA Rank*
REF 2021	35%	60%	5%	0%	0%	3.30	=26(/54)
REF 2014	11%	61%	25%	3%	0%	2.80	39 (/53)
Difference	+24%	-1%	-20%	-3%			

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22.00 FTE (School of Mathematical and Physical Sciences)55 Outputs3 Impact Case Studies

\*Times Higher Education (THE)

GPA Rank\*Outputs18Impact38Environment=28

#### UoA 11 Computer Science and Informatics

	4*	3*	2*	1*	U/C	GPA	GPA Rank*
REF 2021	47%	49%	4%	0%	0%	3.43	22 (/90)
REF 2014	19%	54%	27%	0%	0%	2.92	34 (/89)
Difference	+28%	-5%	-23%				

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26.90 FTE (School of Engineering and Informatics)67 Outputs3 Impact Case Studies

\*Times Higher Education (THE)

GPA Rank\*Outputs20Impact=26Environment=26

# UoA 12 Engineering

	4*	3*	2*	1*	U/C	GPA	GPA Rank*
REF 2021	11%	74%	13%	2%	0%	2.94	=48(/89)
REF 2014 (UoA15**)	11%	75%	14%	0%	0%	2.97	26 (/62)
Difference		-1%	-1%	+2%			

26.20 FTE (School of Engineering and Informatics)

66 Outputs

3 Impact Case Studies

\*\*Engineering UoA structure different between REF 2014 and 2021.

\*Times Higher Education (THE)



	GPA Rank*
Outputs	55
Impact	=48
Environment	=42

#### UoA 14 Geography, Environmental Studies and Archaeology

	4*	3*	2*	1*	U/C	GPA	GPA Rank*
REF 2021	45%	49%	5%	1%	0%	3.38	13 (/56)
REF 2014 (UoA17)	28%	51%	19%	2%	0%	3.05	22 (/74)
Difference	+17%	-2%	-14%	-1%			

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32.05 FTE (School of Global Studies)80 Outputs3 Impact Case Studies

\*<u>Times Higher Education (THE)</u>

GPA Rank\*Outputs22Impact=3Environment=20

### UoA 16 Economics and Econometrics

	4*	3*	2*	1*	U/C	GPA	GPA Rank*
REF 2021	37%	60%	3%	0%	0%	3.34	13 (/25)
REF 2014 (UoA18)	17%	53%	28%	1%	1%	2.84	18 (/28)
Difference	+20%	+17%	-25%	-1%	-1%		

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22.60 FTE (University of Sussex Business School)57 Outputs3 Impact Case Studies

\*Times Higher Education (THE)

GPA Rank\*Outputs13Impact=6Environment=12

#### UoA 17 Business and Management Studies

	4*	3*	2*	1*	U/C	GPA	GPA Rank*
REF 2021	39%	47%	13%	0%	1%	3.23	=28(/108)
REF 2014 (UoA19)	20%	50%	27%	3%	0%	2.87	36 (/101)
Difference	+19%	-3%	-14%	-3%	+1%		

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105.85 FTE (University of Sussex Business School)245 Outputs8 Impact Case Studies

\*Times Higher Education (THE)

GPA Rank\*Outputs27Impact=35Environment30

### UoA 18 Law

	4*	3*	2*	1*	U/C	GPA	GPA Rank*
REF 2021	34%	43%	23%	0%	0%	3.11	30 (/69)
REF 2014 (UoA20)	13%	51%	27%	9%	0%	2.68	40 (/67)
Difference	+21%	-8%	-4%	-9%			

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55.90 FTE (School of Law, Politics and Sociology)139 Outputs5 Impact Case Studies

\*Times Higher Education (THE)

GPA Rank\*Outputs27Impact=39Environment=17

#### UoA 19 Politics and International Studies

	4*	3*	2*	1*	U/C	GPA	GPA Rank*
REF 2021	44%	47%	9%	0%	0%	3.35	13 (/56)
REF 2014 (UoA21)	29%	49%	18%	4%	0%	3.03	12 (/56)
Difference	+15%	-2%	-9%	-4%			

29.25 FTE (School of Global Studies – International Relations)73 Outputs3 Impact Case Studies

\*Times Higher Education (THE)



	GPA Rank*
Outputs	12
Impact	=20
Environment	=49

#### UoA 20 Social Work and Social Policy

	4*	3*	2*	1*	U/C	GPA	GPA Rank*
REF 2021	23%	72%	5%	0%	0%	3.18	=26 (/76)
REF 2014 (UoA22)	22%	42%	32%	4%	0%	2.82	31 (/62)
Difference	+1%	+30%	-27%	-4%			

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15.00 FTE (School of Education and Social Work)38 Outputs2 Impact Case Studies

\*Times Higher Education (THE)

GPA Rank\*Outputs22Impact=30Environment=23

# UoA21 Sociology

	4*	3*	2*	1*	U/C	GPA	GPA Rank*
REF 2021	45%	40%	13%	2%	0%	3.28	12 (/37)
REF 2014	11%	56%	31%	1%	1%	2.75	22 (/29)
Difference	+34%	-16%	-18%	+1%	-1%		

**US** 

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18.50 FTE (School of Law, Politics and Sociology)46 Outputs2 Impact Case Studies

\*Times Higher Education (THE)

GPA Rank\*Outputs16Impact=1Environment=22

#### UoA22 Anthropology and Development Studies

	4*	3*	2*	1*	U/C	GPA	GPA Rank*
REF 2021	41%	51%	8%	0%	0%	3.33	7 (/26)
REF 2014 (UoA24)	24%	45%	29%	2%	0%	2.91	10 (/25)
Difference	+17%	+6%	-21%	-2%			

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26.80 FTE (School of Global Studies – Anthropology)67 Outputs3 Impact Case Studies

\*Times Higher Education (THE)

GPA Rank\*Outputs11Impact=8Environment=22

# UoA 23 Education

	4*	3*	2*	1*	U/C	GPA	GPA Rank*
REF 2021	57%	31%	11%	1%	0%	3.44	=12 (/83)
REF 2014 (UoA25)	25%	48%	24%	3%	0%	2.95	25 (/76)
Difference	+32%	-17%	-13%	-2%			

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20.60 FTE (School of Education and Social Work)52 Outputs3 Impact Case Studies

\*Times Higher Education (THE)

GPA Rank\*Outputs14Impact=1Environment=13

## UoA 25 Area Studies

	4*	3*	2*	1*	U/C	GPA	GPA Rank*
REF 2021	42%	54%	4%	0%	0%	3.38	10 (/23)
REF 2014 (UoA27)	21%	51%	25%	3%	0%	2.90	13 (/23)
Difference	+21%	+3%	-21%	-3%			

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16.00 FTE (School of Law, Politics and Sociology – Politics)40 Outputs2 Impact Case Studies

\*Times Higher Education (THE)



#### UoA 27 English Language and Literature

	4*	3*	2*	1*	U/C	GPA	GPA Rank*
REF 2021	58%	36%	6%	0%	0%	3.52	=14(/92)
REF 2014 (UoA29)	45%	39%	15%	1%	0%	3.28	9 (/89)
Difference	+13%	-3%	-9%	-1%			

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39.00 FTE (School of Media, Arts and Humanities)98 Outputs4 Impact Case Studies

\*Times Higher Education (THE)

GPA Rank\*Outputs13Impact=24Environment=10

# UoA 28 History

	4*	3*	2*	1*	U/C	GPA	GPA Rank*
REF 2021	54%	35%	9%	2%	0%	3.41	15 (/81)
REF 2014	39%	44%	16%	1%	0%	3.21	15 (/83)
Difference	+15%	-9%	-7%	+1%			

**US** 

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30.10 FTE (School of Media, Arts and Humanities)75 Outputs3 Impact Case Studies

\*Times Higher Education (THE)

GPA Rank\*Outputs38Impact4Environment8

# UoA 30 Philosophy

	4*	3*	2*	1*	U/C	GPA	GPA Rank*
REF 2021	37%	48%	15%	0%	0%	3.22	14 (/35)
REF 2014 (UoA32)	25%	52%	19%	4%	0%	2.98	16 (/40)
Difference	+12%	-4%	-4%	-4%			

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12.00 FTE (School of Media, Arts and Humanities)30 Outputs2 Impact Case Studies

\*Times Higher Education (THE)

GPA Rank\*Outputs21Impact=4Environment=24

#### UoA 32 Art and Design: History, Practice and Theory

	4*	3*	2*	1*	U/C	GPA	GPA Rank*
REF 2021	61%	36%	3%	0%	0%	3.58	8 (/86)
REF 2014 (UoA34)	13%	40%	47%	0%	0%	2.66	57 (/84)
Difference	+48%	-4%	-44%				

9.00 FTE (School of Media, Arts and Humanities – Art History)23 Outputs2 Impact Case Studies

\*Times Higher Education (THE)



	GPA Rank*
Outputs	4
Impact	=8
Environment	=39

#### UoA 33 Music, Drama, Dance, Performing Arts, Film and Screen Studies

	4*	3*	2*	1*	U/C	GPA	GPA Rank*
REF 2021	35%	52%	10%	3%	0%	3.19	=34 (/84)
REF 2014 (UoA34)	15%	63%	22%	0%	0%	2.93	40 (/84)
Difference	+20%	-11%	-12%	+3%			

15.00 FTE (School of Media, Arts and Humanities – Music, Drama)38 Outputs2 Impact Case Studies

\*Times Higher Education (THE)

	GPA Rank*
Outputs	39
Impact	=24
Environment	=37



#### UoA 34 Communication, Cultural and Media Studies, Library and Information Management

	4*	3*	2*	1*	U/C	GPA	GPA Rank*
REF 2021	51%	43%	3%	3%	0%	3.42	11 (/58)
REF 2014	41%	36%	22%	1%	0%	3.17	15 (/67)
Difference	+10%	+7%	-19%	+2%			

45.10 FTE (School of Media, Arts and Humanities – Media, Journalism & Cultural Studies; Film Studies; Creative & Critical Media Practice) 113 Outputs

4 Impact Case Studies

\*<u>Times Higher Education (THE)</u>



	GPA Rank*
Outputs	8
Impact	=17
Environment	=13

## Overall (sorted by UoA)



## Outputs (sorted by UoA)



## Impact (sorted by UoA)



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## Environment (sorted by UoA)



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# Big changes across the sector



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#### 2021 vs 2014 (GPA and GPA Rank)

Big changes from REF 2014 to REF 2021 across the sector

Requires some comparison to interpret

 $\rightarrow$  ranking



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# Changes in ranking

Clearly Sussex has improved since 2014, but relative to that sector wide improvement?

With caution we can look at changes in rankings to see how Sussex broadly has improved in different elements



#### 2021 vs 2014 (GPA and GPA Rank) - Overall

#### A clear +ve change overall

N.B. colours of individual UoAs should do not be mistaken for *quality* of UoAs which might be exceptional (so hard to improve) or poor but improving. And any individual metrics are very "noisy"

UoA	UoA Name	profile	GPA Rank 2014	GPA Percentile Rank 2014	GPA Rank 2021	GPA Percentile Rank 2021	GPA Rank Difference	GPA Percentile Rank Difference
34	Art and Design: History, Practice and Theory	Overall	57	67.86	8	9.3	-49	-58.6
23	Sociology	Overall	22	75.86	12	32.43	-10	-43.4
8	Chemistry	Overall	36	97.3	28	68.29	-8	-29.
10	Mathematical Sciences	Overall	39	73.58	26	48.15	-13	-25.4
9	Physics	Overall	34	82.93	26	59.09	-8	-23.8
25	Education	Overall	25	32.89	12	14.46	-13	-18.4
20	Law	Overall	40	59.7	30	43.48	-10	-16.2
22	Social Work and Social Policy	Overall	31	50	26	34.21	-5	-15.
11	Computer Science and Informatics	Overall	34	38.2	22	24.44	-12	-13.
24	Anthropology and Development Studies	Overall	10	40	7	26.92	-3	-13.
27	Area Studies	Overall	13	56.52	10	43.48	-3	-13.
18	Economics and Econometrics	Overall	18	64.29	13	52	-5	-12.
19	Business and Management Studies	Overall	36	35.64	28	25.93	-8	-9.
35	Music, Drama, Dance, Performing Arts, Film and Screen Studies	Overall	40	47.62	34	40.48	-6	-7.
17	Geography and Environmental Studies	Overall	22	29.73	13	23.21	-9	-6
	Communication, Cultural and Media Studies, Library and Information Management	Overall	15	22.39	11	18.97	-4	-3.
	Philosophy	Overall	16	40	14	40	-2	0
30	History	Overall	15	18.07	15	18.52	0	0.
21	Politics and International Studies	Overall	12	21.43	13	23.21	1	1.
3	Allied Health Professions, Dentistry, Nursing and Pharmacy	Overall	32	34.04	33	36.26	1	2.
29	English Language and Literature	Overall	9	10.11	14	15.22	5	5.
15	Engineering	Overall	26	41.94	42	47.19	16	5.
4	Psychology, Psychiatry and Neuroscience	Overall	10	12.2	18	19.35	8	7.
5	Biological Sciences	Overall	10	22.73	22	50	12	27.

#### 2021 vs 2014 (GPA and GPA Rank) - Outputs

UoA	UoA Name	profile	GPA Rank 2014	GPA Percentile Rank 2014	GPA Rank 2021	GPA Percentile Rank 2021	GPA Rank Difference	GPA Percentile Rank Difference
23	Sociology	Outputs	26	89.66	16	43.24	-10	-46.42
	Social Work and Social Policy	Outputs	42	67.74	22	29.33	-20	-38.41
10	Mathematical Sciences	Outputs	36	67.92	18	33.33	-18	-34.59
18	Economics and Econometrics	Outputs	23	82.14	13	52	-10	-30.14
34	Art and Design: History, Practice and Theory	Outputs	26	30.95	4	4.65	-22	-26.3
24	Anthropology and Development Studies	Outputs	17	68	11	42.31	-6	-25.69
20	Law	Outputs	40	60.61	27	39.71	-13	-20.9
36	Communication, Cultural and Media Studies, Library and Information Management	Outputs	22	33.33	8		-14	-19.54
	Business and Management Studies	Outputs	41	41.84	27		-14	-16.84
	Education	Outputs	25	32.89	14		-11	-16.02
	Computer Science and Informatics Politics and International Studies	Outputs Outputs	33	37.08 30.91	20 12		-13	-14.86 -9.48
	Music, Drama, Dance, Performing Arts, Film and Screen Studies	Outputs	44	53.01	39		 5	-9.48
	Allied Health Professions, Dentistry, Nursing and Pharmacy	Outputs	59	63.44	52		-5	-6.3
	English Language and Literature	Outputs	13	14.77	13		-7	-0.64
	Chemistry	Outputs	30	81.08	34		4	1.85
	Geography and Environmental Studies	Outputs	24	32.43	22		-2	6.86
	Area Studies	Outputs	5	21.74	7	30.43	2	8.69
<u> </u>	Psychology, Psychiatry and Neuroscience	Outputs	9	11.11	24		15	14.7
	Physics	Outputs	19	46.34	27		8	15.02
15	Engineering	Outputs	23	37.1	48	53.93	25	16.83
	Biological Sciences	Outputs	8	18.18	19	43.18	11	25
32	Philosophy	Outputs	13	32.5	21	60	8	27.5
30	History	Outputs	1	1.23	38	46.91	37	45.68

#### 2021 vs 2014 (GPA and GPA Rank) - Impact

UoA	UoA Name	profile	GPA Rank 2014	GPA Percentile Rank 2014	GPA Rank 2021	GPA Percentile Rank 2021	GPA Rank Difference	GPA Percentile Rank Difference
8	Chemistry	Impact	37	100	8	19.51	-29	-80.5
34	Art and Design: History, Practice and Theory	Impact	71	84.52	8	9.3	-63	-75.2
23	Sociology	Impact	20	68.97	1	2.7	-19	-66.3
32	Philosophy	Impact	27	67.5	4	11.43	-23	-56.1
27	Area Studies	Impact	19	82.61	8	34.78	-11	-47.8
30	History	Impact	38	46.91	4	4.94	-34	-42.0
25	Education	Impact	32	42.11	1	1.2	-31	-40.9
35	Music, Drama, Dance, Performing Arts, Film and Screen Studies	Impact	47	56.63	24	28.57	-23	-28.1
11	Computer Science and Informatics	Impact	50	56.18	26	28.89	-24	-27.3
19	Business and Management Studies	Impact	52	53.06	35	32.41	-17	-20.7
9	Physics	Impact	35	85.37	29	65.91	-6	-19.5
29	English Language and Literature	Impact	36	40.91	24	26.09	-12	-14.8
18	Economics and Econometrics	Impact	10	35.71	6	24	-4	-11.7
20	Law	Impact	43	65.15	39	57.35	-4	-7.8
10	Mathematical Sciences	Impact	38	71.7	38	70.37	0	-1.3
17	Geography and Environmental Studies	Impact	3	4.05	3	5.36	0	1.3
24	Anthropology and Development Studies	Impact	7	28	8	30.77	1	2.8
5	Biological Sciences	Impact	20	45.45	23	52.27	3	6.8
22	Social Work and Social Policy	Impact	20	32.26	30	40	10	7.7
21	Politics and International Studies	Impact	11	20	20	35.71	9	15.7
	Communication, Cultural and Media Studies, Library and Information Management	Impact	8	12.12	17	29.31	9	17.2
3	Allied Health Professions, Dentistry, Nursing and Pharmacy	Impact	9	9.68	27	29.67	18	20.0
4	Psychology, Psychiatry and Neuroscience	Impact	7	8.64	30	32.26	23	23.6
15	Engineering	Impact	21	33.87	55	61.8	34	27.9

#### 2021 vs 2014 (GPA and GPA Rank) - Environment

UoA	UoA Name	profile	GPA Rank 2014	GPA Percentile Rank 2014	GPA Rank 2021	GPA Percentile Rank 2021	GPA Rank Difference	GPA Percentile Rank Difference
9	Physics	Environment	30	73.17	7	15.91	-23	-57.3
30	History	Environment	32	39.51	8	9.88	-24	-29.6
10	Mathematical Sciences	Environment	41	77.36	28	51.85	-13	-25.5
34	Art and Design: History, Practice and Theory	Environment	59	70.24	39	45.35	-20	-24.9
21	Politics and International Studies	Environment	20	36.36	9	16.07	-11	-20.3
27	Area Studies	Environment	13	56.52	10	43.48	-3	-13.0
23	Sociology	Environment	21	72.41	22	59.46	1	-13.0
4	Psychology, Psychiatry and Neuroscience	Environment	23	28.4	15	16.13	-8	-12.3
20	Law	Environment	24	36.36	17	25	-7	-11.4
25	Education	Environment	20	26.32	13	15.66	-7	-10.7
8	Chemistry	Environment	31	83.78	30	73.17	-1	-10.6
17	Geography and Environmental Studies	Environment	34	45.95	20	35.71	-14	-10.2
3	Allied Health Professions, Dentistry, Nursing and Pharmacy	Environment	14	15.05	14	15.38	0	0.3
19	Business and Management Studies	Environment	26	26.53	30	27.78	4	1.3
18	Economics and Econometrics	Environment	13	46.43	12	48	-1	1.6
11	Computer Science and Informatics	Environment	23	25.84	26	28.89	3	3.1
22	Social Work and Social Policy	Environment	17	27.42	23	30.67	6	3.3
29	English Language and Literature	Environment	3	3.41	10	10.87	7	7.5
	Communication, Cultural and Media Studies, Library and Information Management	Environment	9	13.64	13	22.41	4	8.8
15	Engineering	Environment	27	43.55	52	58.43	25	14.9
35	Music, Drama, Dance, Performing Arts, Film and Screen Studies	Environment	21	25.3	37	44.05	16	18.8
5	Biological Sciences	Environment	12	27.27	23	52.27	11	25.0
32	Philosophy	Environment	17	42.5	24	68.57	7	26.1
24	Anthropology and Development Studies	Environment	11	44	22	84.62	11	40.6

## Change interpretation

Very clear improvements in all elements

Slightly more +ve in Overall, suggesting that strong improvements in one area more than compensate for less strong improvements in other areas

Very good sign for future improvements



### Thanks and Congratulations to all



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