



World University Ranking



World Class University?

Dream of Chinese people:

- Research university with world class capacity
- Nation's competitiveness in global knowledge economy
- 1995: "The 211 Project"
- 1998; "The 985 Project" @ Peking Univ.
- "Chinese Ivy League" = 9 World Class Univ.
- **SJTU** → Academic Ranking of World Univ.
- 1-2% @ the top of total 18,000 Univ → **WCU**

From "WCU" to "World University Ranking"



World University Ranking



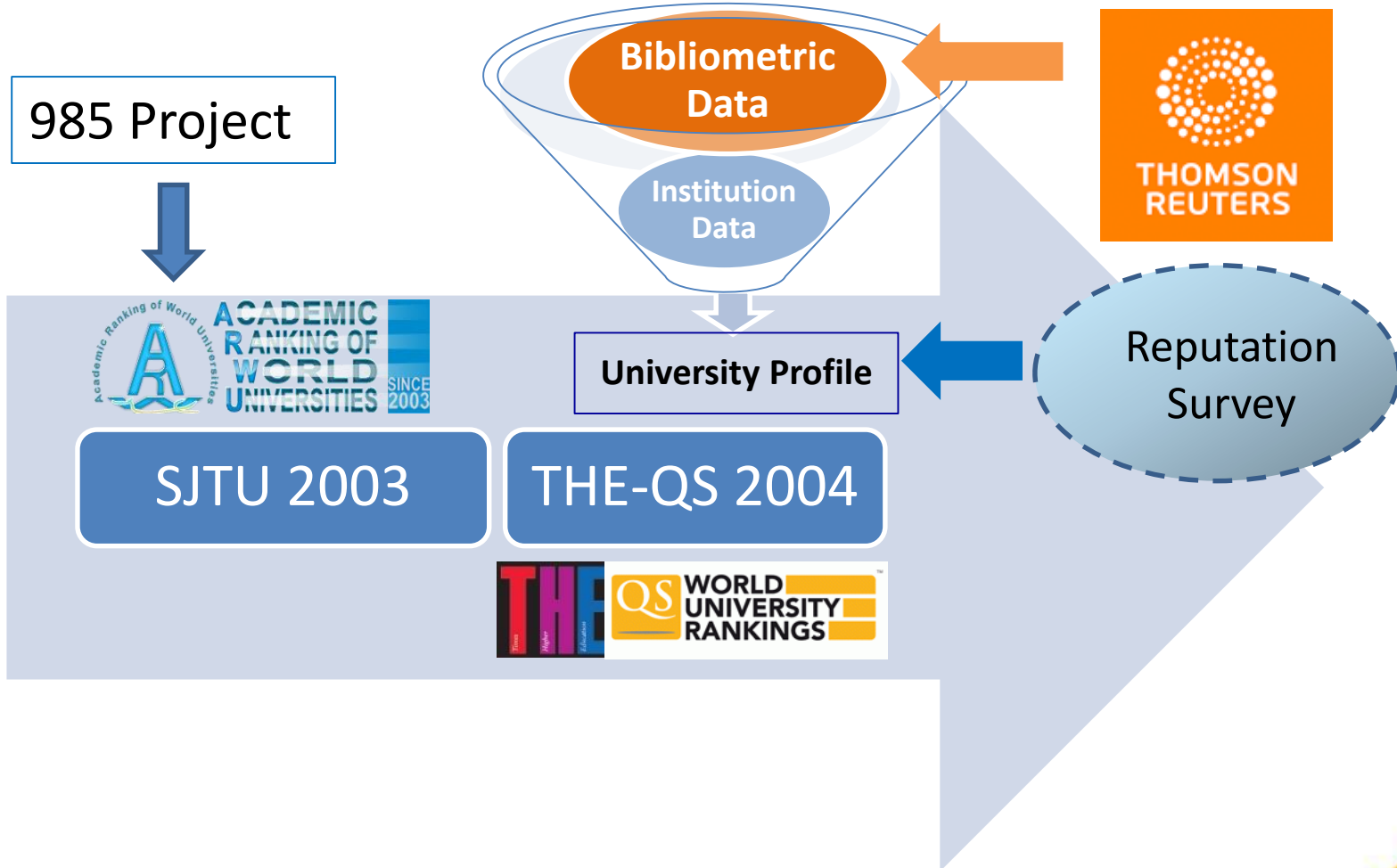
Criteria

Criteria	Criteria		Weight
	Criteria	Indicator	
Shanghai Jiao Tong World University Ranking Begin @ 2003 Website & WOS	Quality of Education	Alumni of an institution winning Nobel Prizes and Fields Medals	10%
	Quality of Faculty	Staff of an institution winning Nobel Prizes and Fields Medals	20%
		Highly cited researchers in 21 broad subject categories	20%
	Research Output	Articles published in Nature and Science	20%
		Articles in Science Citation Index-expanded, Social Science Citation Index, and Arts & Humanities Citation Index	20%
	Size of Institution	Academic performance with respect to the size of an institution	10%

More S-T Research Based Ranking
Elite but Solid Criterion



World University Ranking

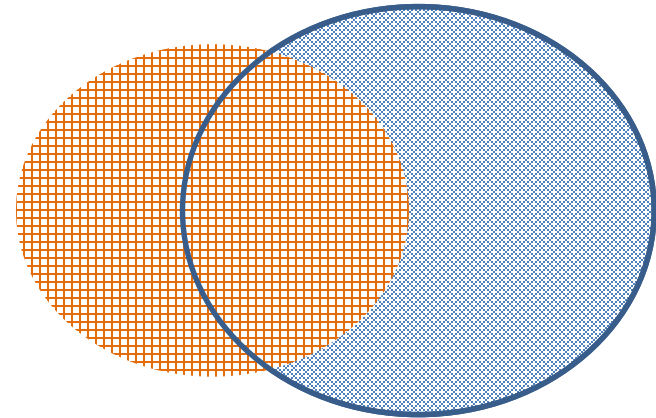
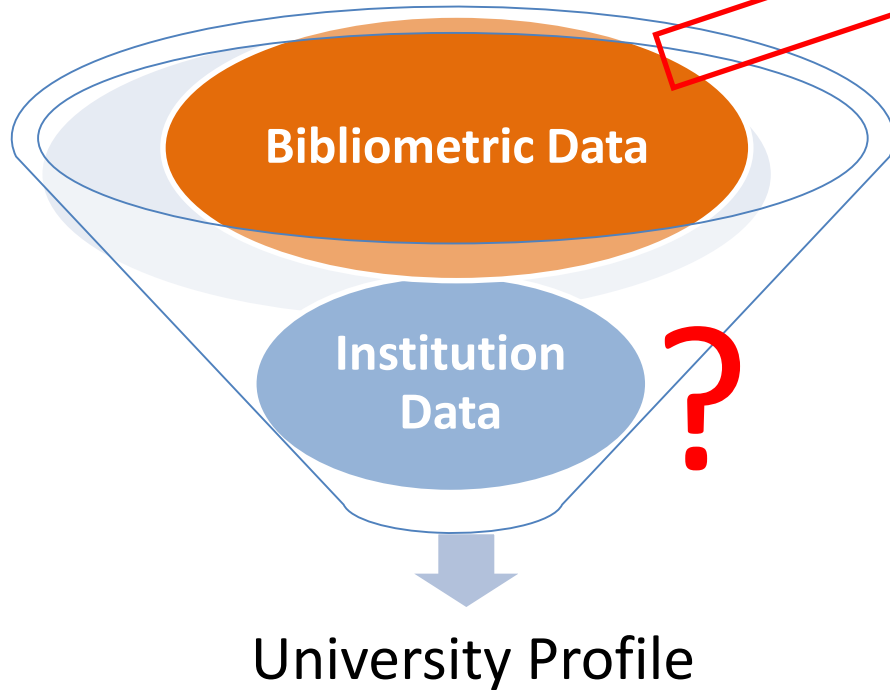
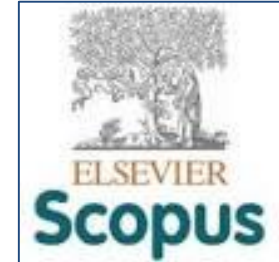


Vladimir Putin: has made it a key policy to move **5 Russian U.** into the **top 100 by 2020**
 Shinzo Abe has said that there should be **10 Japanese U.** in the world **top 100 by 2023**



Where Do Data Come From?

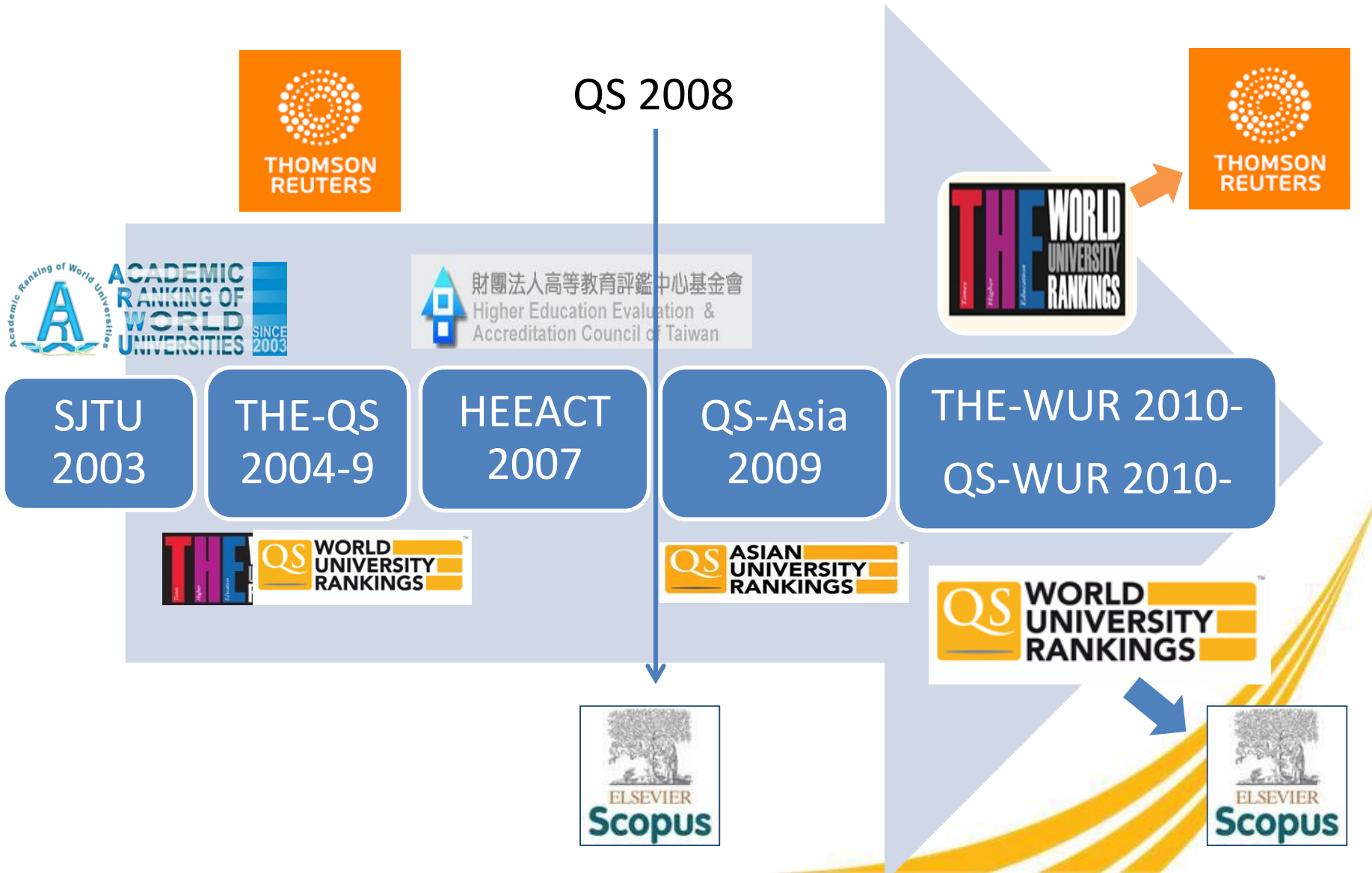
The key pillars:
Teaching
Research
Global outlook
Knowledge Transfer



Types: Journal, Book, Patent
 Languages: English & Others
 Disciplines: Medicine, S-T, SS
 Geographic: US, EU, Asia, ME



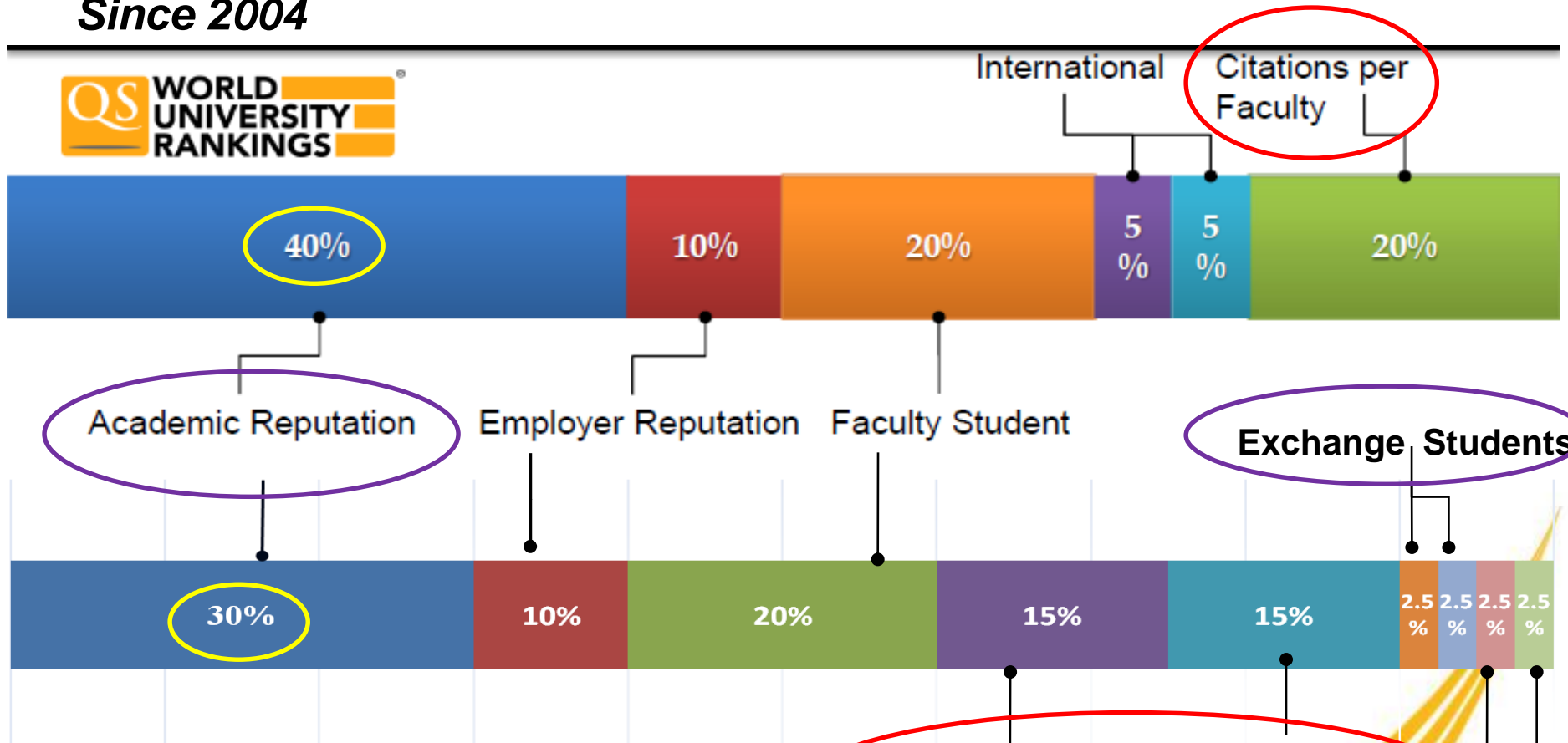
World University Ranking





QS Rankings Criteria & Weights

Since 2004



Since 2009

Why? ←

Citations per Paper
Papers per Faculty

International



QS WUR – MU Position

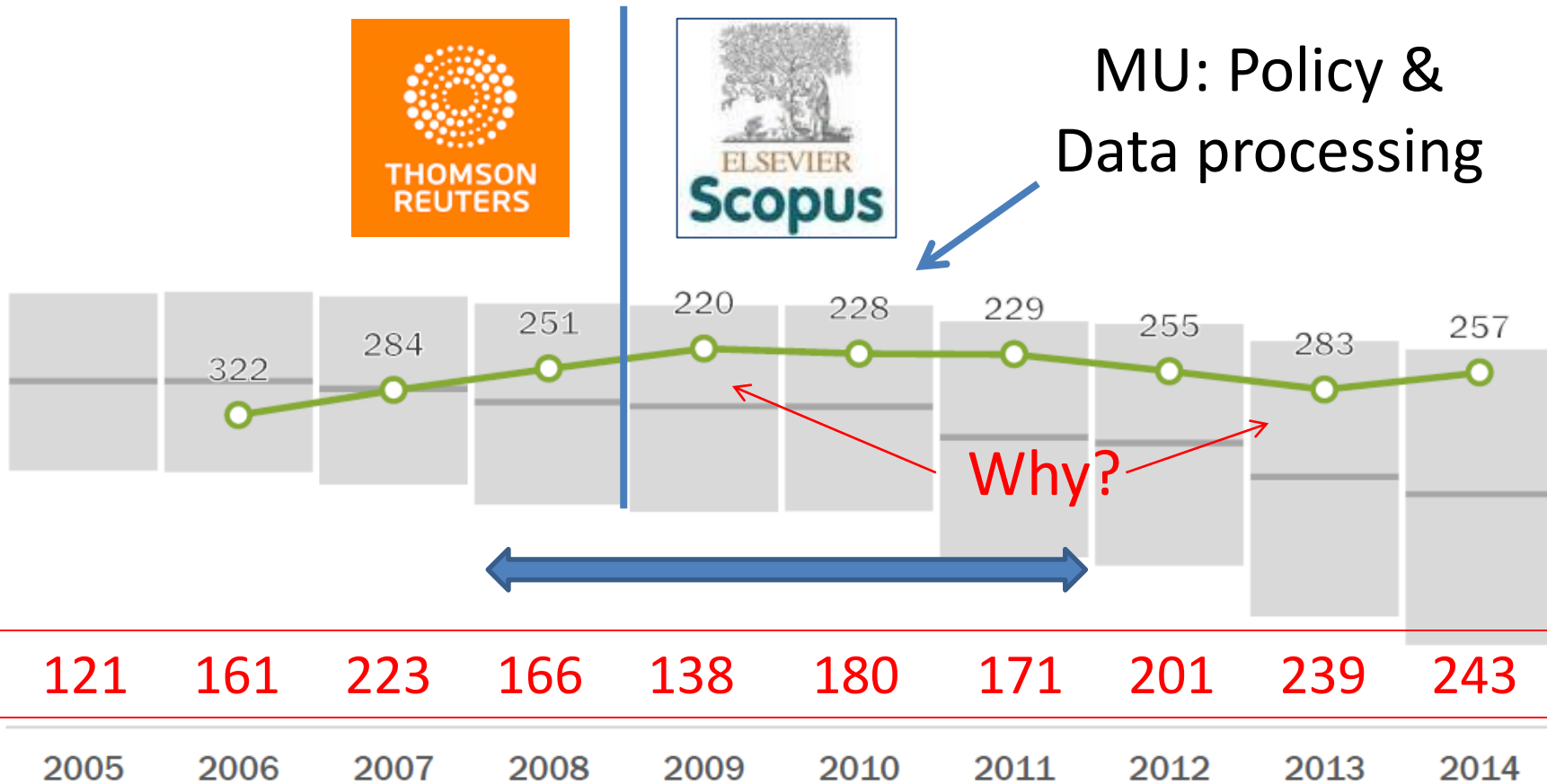


FIGURE 7

Ten year overall ranking with respect to median and interquartile range

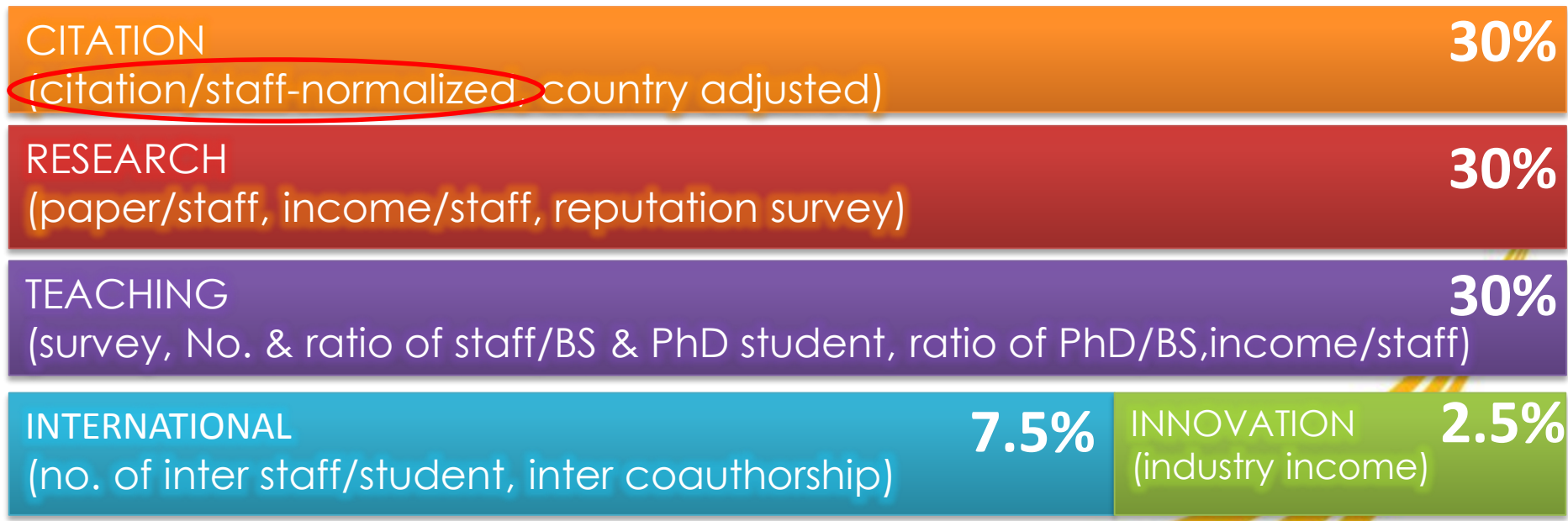
QS Asian Ranking 2009-15: Thai Universities

Institute	2015	2014	2013	2012	2011	2010	2009
MU	44	40	42	38	34	28	30
CU	53	48	48	43	47	44	35
CMU	99	92	98	91	67	79	81
TU	143	134	107	110	88	91	85
PSU	151-200	142	146	145	95	101	109
KU	151-200	151-160	171-180	191-200	120	126	108
KKU	151-200	171-180	161-170	122	114	171 -180	113
KMUTT	151-200	181-190	161-170	161-170	181-190	201	201
BU	201-300	201-250	191-200	191-200	181-190	201	151
SWU	201-300	251-300	251-300	251-300	201	201	201

What was wrong with the old QS system? Reputation Survey & Citations (@2010)

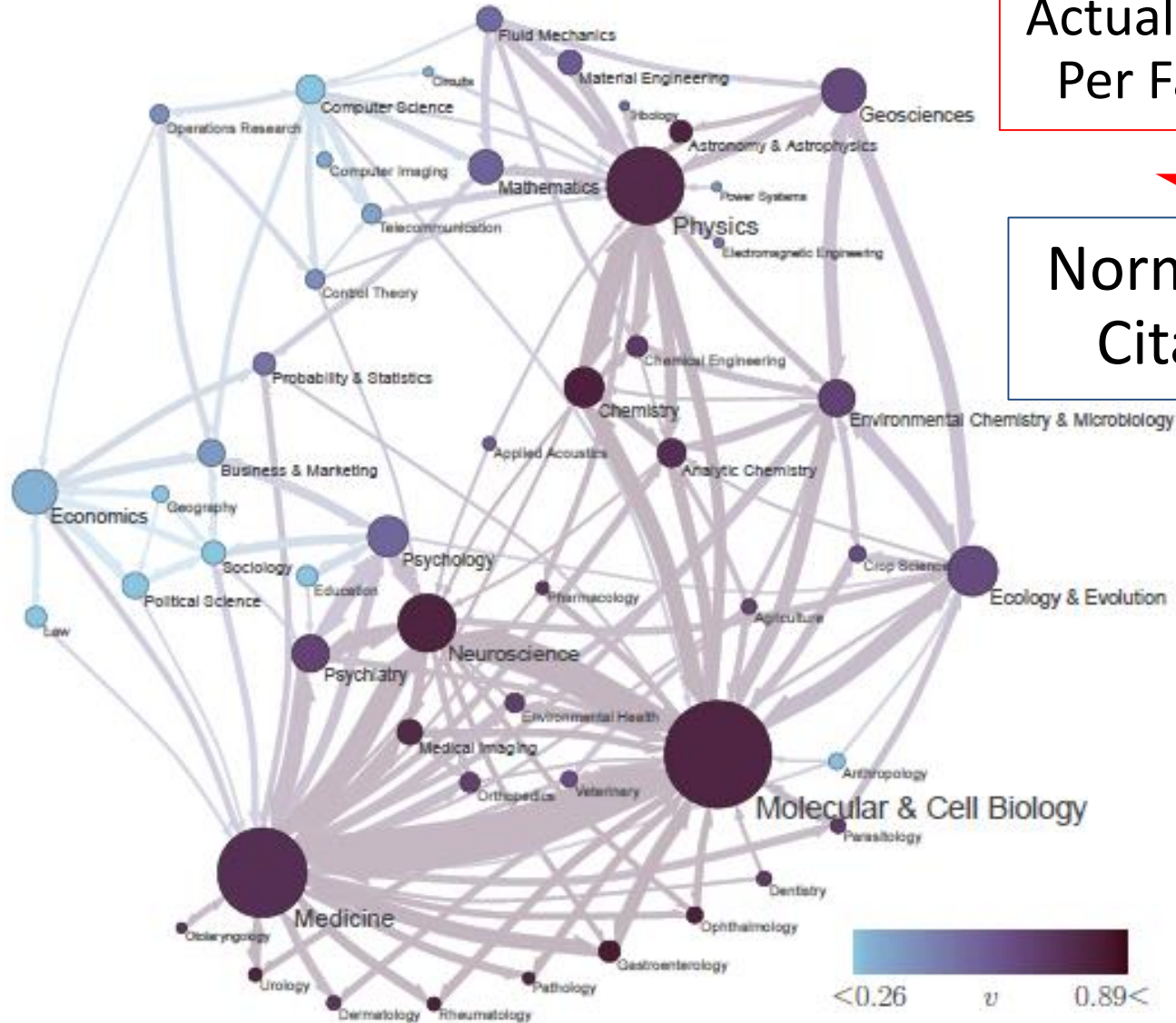
Field	Papers	Citation	Citation Impact
Chemistry	618,568	3,335,763	5.39
Engineering	438,538	958,640	2.19
Mathematics	140,219	211,268	1.51
Molecular Biology & Genetics	145,939	1,597,660	10.95
Physics	494,451	2,154,290	4.36

Actual Number of Citation/Faculty Differ Among Disciplines





Citation Pattern



Actual Citation
Per Faculty?



Normalized
Citation



THE Ranking Criteria & Weights (Since 2011)

Criteria	Indicator	Weight
Citations – research influence (30%)	Citations impact (normalised average citations per paper)	30%
Research – volume, income and reputation (30%)	Reputational survey - research	18%
	Research income (scaled)	6%
	Papers per academic and research staff	6%
Teaching – the learning environment (30%)	Reputational survey - teaching	15%
	PhD awards per academic	6%
	Undergraduates admitted per academic	4.5%
	Income per academic	2.25%
International outlook – staff, students and research (7.5%)	PhD awards/ bachelor's awards	2.25%
	Ratio of international to domestic staff	2.5 %
	Ratio of international to domestic students	2.5%
Industry income–innovation (2.5%)	Proportion of inter co-authored papers	2.5%
	Research income from industry (per academic staff)	2.5%



THE Asia vs QS Asia 2013

Rank	Institution	Location	Overall score
1	University of Tokyo	Japan	78.3
2	National University of Singapore	Singapore	77.5
3	The University of Hong Kong	Hong Kong	75.6
4	Peking University	China	70.7
5	Pohang University of Science and Technology	Republic of Korea	69.4
6	Tsinghua University	China	67.1
7	Kyoto University	Japan	66.8
8	Seoul National University	Republic of Korea	65.9
9	Hong Kong University of Science and Technology	Hong Kong	64.4
10	Korea Advanced Institute of Science and Technology	Republic of Korea	64.0
11	Nanyang Technological University	Singapore	59.4
12	Chinese University of Hong Kong	Hong Kong	54.4
13	Tokyo Institute of Technology	Japan	53.7
14	National Taiwan University	Taiwan	53.2
15	Hebrew University of Jerusalem	Israel	53.1
15	Tohoku University	Japan	53.1
17	Osaka University	Japan	52.0
18	Tel Aviv University	Israel	50.5
19	City University of Hong Kong	Hong Kong	48.5
20	Yonsei University	Republic of Korea	48.2

1	The Hong Kong University of Science and Technology	11	Osaka University
2	National University of Singapore (NUS)	12	City University of Hong Kong
3	University of Hong Kong	13	Tokyo Institute of Technology
4	Seoul National University	14	Tohoku University
5	The Chinese University of Hong Kong	15	Tsinghua University
6	Peking University	16	Yonsei University
7	KAIST - Korea Advanced Institute of Science & Technology	17	Nanyang Technological University (NTU)
8	The University of Tokyo	18	Nagoya University
9	Pohang University of Science And Technology (POSTECH)	19	Fudan University
10	Kyoto University	20	National Taiwan University (NTU)



THE-World University Ranking

KMUTT:

- 389 301+ 350+ **600+**

	2011	2012	2013	2014	2015
Official Ranking	377	-	Why?		501-600
Overall Ranking Score (100%)	23.7	28.9*	26.6*	26.8*	27.5*
Research – Volume/Income/Reputation (30%)	14.7	17	14	14.2	15.1
Citations - Research Influence (30%)	20.9	33	32	33.5	28.3
Teaching – survey, PhD/BS, income (30%)	29.9	33	29	27.4	26.8
International Outlook - Staff & Students and Research Coauthorship (7.5%)	45	42	42	42.9	71.6
Income from Industry – knowledge transfer (2.5%)	29	35	39	41.2	44.1



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Times Higher Education Ranking Indicators & Weights

2015-16



CITATION

30%

(citation/staff-normalized; Elsevier's Scopus citation and publication database, which excludes "kilo-author papers")

RESEARCH

30%

(paper/staff, income/staff, reputation survey)

TEACHING

30%

(reputation survey, ratio of staff/student, ratio of PhD/BS, ratio of PhD awarded/staff, income/staff)

INTERNATIONAL

7.5%

(ratio of inter staff/domestic staff, ratio of inter student/domestic student, inter coauthorship)

**INDUSTRY
INCOME**

2.5%



THE-World University Ranking: 2015-16

	MU	KMUTT	CMU	CU	SUT	KKU	PSU
Official Ranking	501-600	601-800	601-800	601-800	601-800	601-800	601-800
Overall Ranking Score* (100%)	27.5	23.6	20.6	19.8	18.2	16.9	16.5
Research (30%)	15.1	11.4	9.4	14.1	11.6	7.4	7.0
Citations (30%)	28.3	36.2	30.0	16.7	18.4	19.9	22.2
Teaching (30%)	26.8	18.2	17.8	23.8	21.1	18.2	15.3
International Outlook (7.5%)	44.1	28.5	34.9	32.8	25.9	31.5	31.0
Income from Industry (2.5%)	71.6	70.3	32.3	37.8	38.1	35.7	31.6



PERFORMANCE HISTORY

Gaps in the timeline represent significant changes in methodology

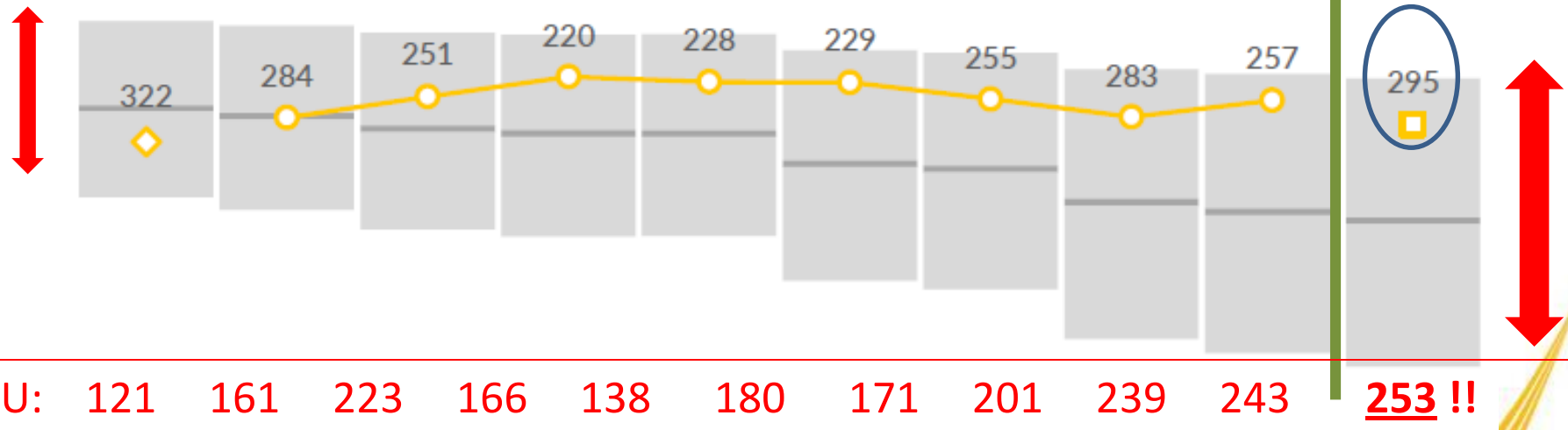


FIGURE 7 Ten year overall ranking with respect to median and interquartile range



2015 - 2016



Year 2015 (295)

Year 2014 (257)

DEMOGRAPHICS	
Faculty	3,992
International Faculty	229
Students	27,588
International Students	1,011
Faculty Student Ratio	6.9:1
International Faculty Ratio	5.7%
International Student Ratio	3.7%
% Undergraduate	70.8%
% Postgraduate	29.2%

DEMOGRAPHICS	
Faculty	3,751
International Faculty	217
Students	26,441
International Students	944
Faculty Student Ratio	7.0:1
International Faculty Ratio	5.8%
International Student Ratio	3.6%
% Undergraduate	71.7%
% Postgraduate	28.3%



Faculty Area Normalization by QS

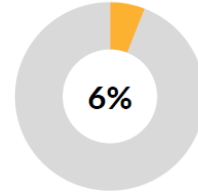
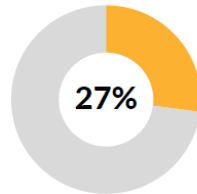
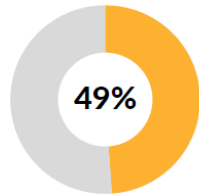
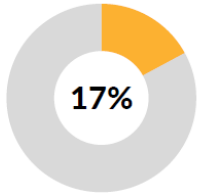
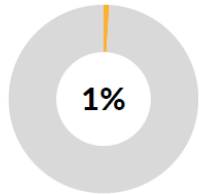
Arts & Humanities

Engineering & Technology

Life Sciences & Medicine

Natural Sciences

Social Sciences & Management



ARTS & HUMANITIES

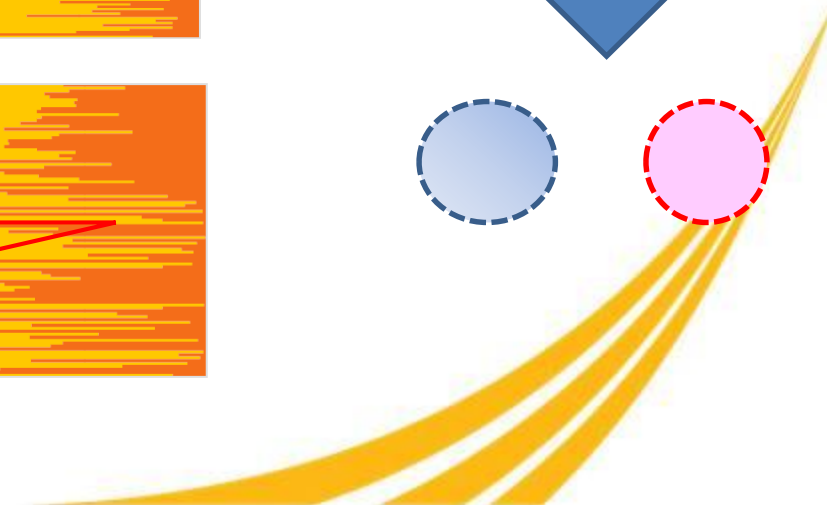
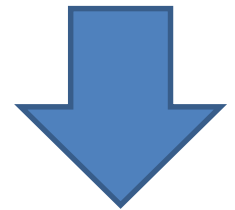
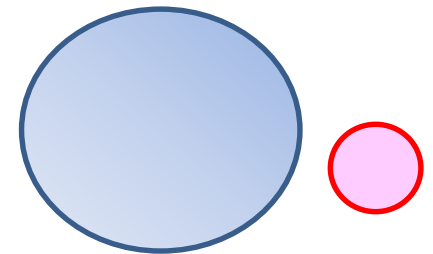
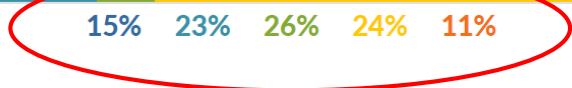
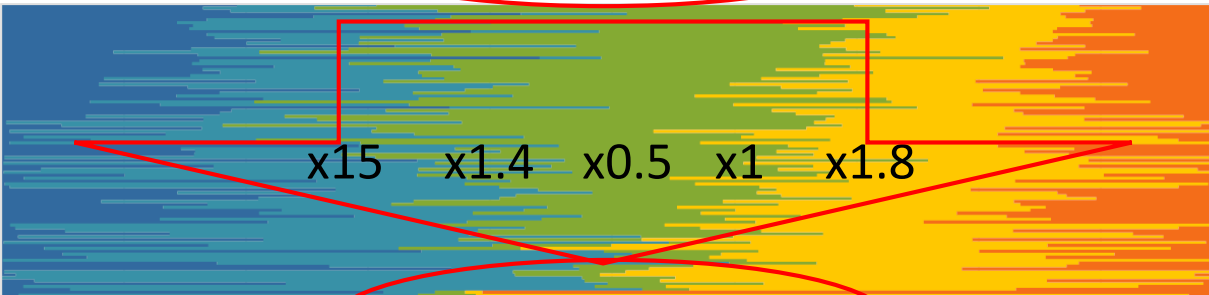
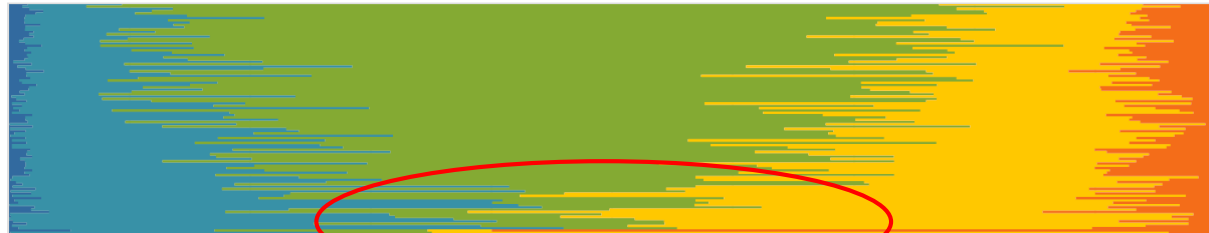
ENGINEERING & TECHNOLOGY

LIFE SCIENCES & MEDICINE

NATURAL SCIENCES

SOCIAL SCIENCES & MANAGEMENT

BEFORE





QS-Ranking Analysis

SCOPUS CONTENT TYPES

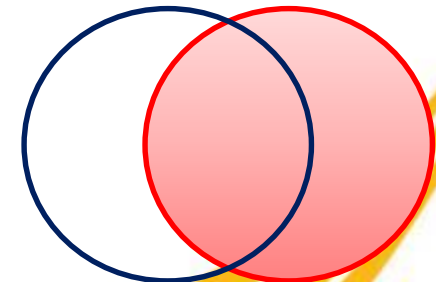
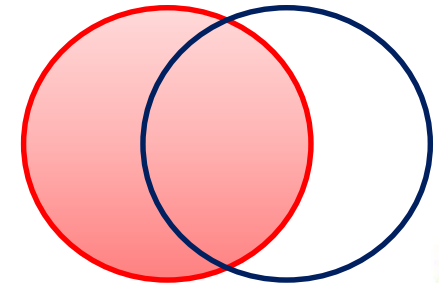
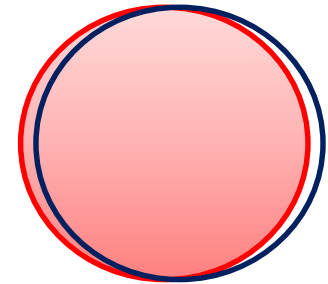


ELSEVIER



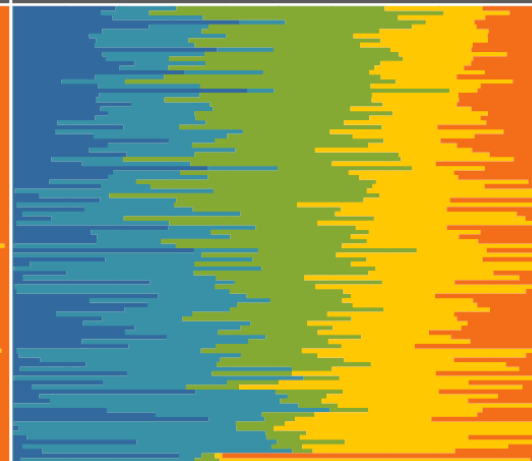
In consultation with Elsevier, some (typically not citation yielding) content types have been excluded from analysis:

IN	OUT
<ul style="list-style-type: none"> Article Review Conference Paper Book Book Chapter Article in Press Business Article 	<ul style="list-style-type: none"> Abstract Report Conference Review Editorial Erratum Letter Note Press Release Short Survey



BEFORE

AFTER



ARTS & HUMANITIES

ENGINEERING & TECHNOLOGY

LIFE SCIENCES & MEDICINE

NATURAL SCIENCES

SOCIAL SCIENCES & MANAGEMENT

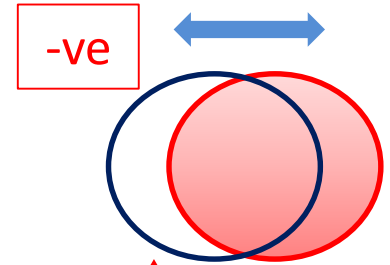


QS-Ranking Analysis

RESEARCH PROFILE BY FACULTY AREA

FACULTY AREA	Papers*	Institution	Global	Difference	Relative
Arts & Humanities	63	0.6%	2.6%	-2.0%	-75.5%
Engineering & Technology	1,244	12.8%	26.7%	-13.9%	-52.1%
Life Sciences & Medicine	6,606	67.9%	34.3%	33.6%	98.1%
Natural Sciences	1,288	13.2%	25.2%	-12.0%	-47.5%
Social Sciences & Management	522	5.4%	10.4%	-5.0%	-48.2%

FACULTY AREA	Citations*	Institution	Global	Difference	Relative
Arts & Humanities	58	0.2%	1.1%	-0.9%	-82.5%
Engineering & Technology	1,900	6.2%	18.4%	-12.2%	-66.5%
Life Sciences & Medicine	24,515	79.4%	46.4%	33.0%	71.1%
Natural Sciences	3,663	11.9%	24.6%	-12.7%	-51.7%
Social Sciences & Management	724	2.3%	6.5%	-4.1%	-63.8%



- x15
- x1.4
- x0.5
- x1
- x1.8

Arts & Humanities

■ Global Average

■ Institution

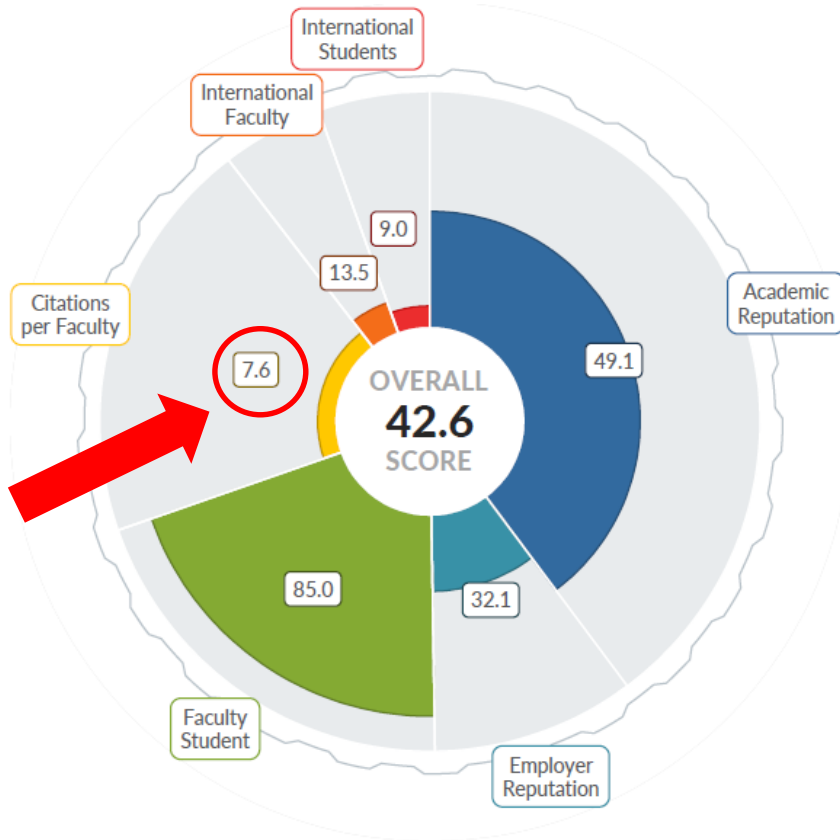


FIGURE 3 QS World University Rankings® 2015-2016 weighted scores

Year 2015 (295)

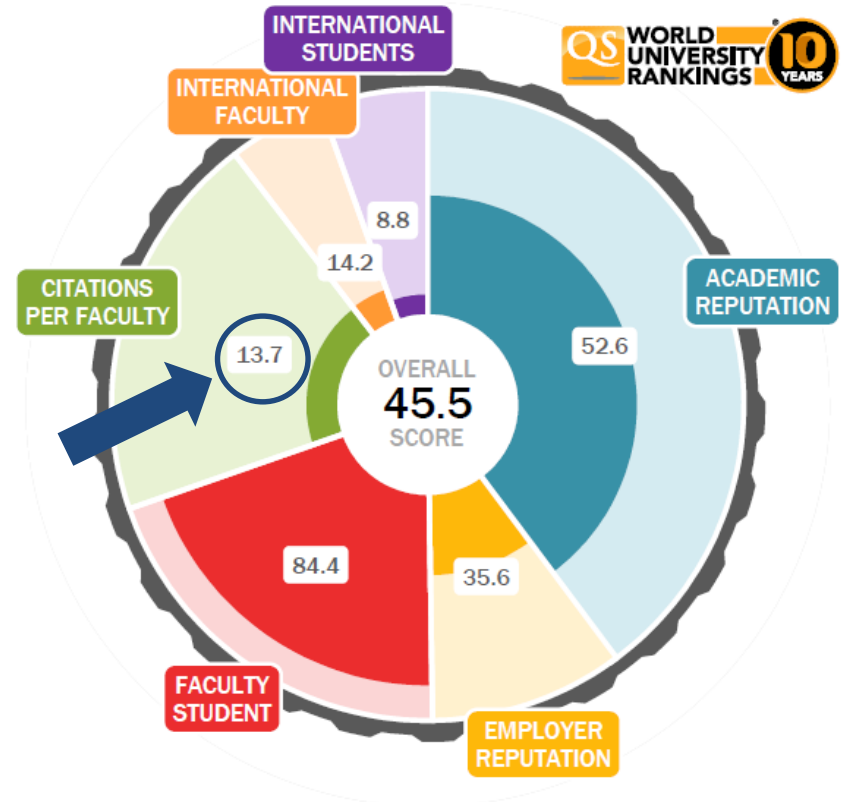


FIGURE 1 QS World University Rankings® 2014-2015 weighted scores

Year 2014 (257)



QS World University Rankings (Asian U) 2015 vs 2016

2015/2016	2016/2017		
12	12	NUS National University of Singapore (NUS)	
13	13	Nanyang Technological University, Singapore (NTU)	
25	24	Tsinghua University	
30	27	The University of Hong Kong	
39	34	The University of Tokyo	
36	35	Seoul National University	
28	36	The Hong Kong University of Science and Technology	
38	37	Kyoto University	
41	39	Peking University	
51	43	Fudan University	
51	44	The Chinese University of Hong Kong (CUHK)	
43	46	KAIST - Korea Advanced Institute of Science & Technology	
57	55	City University of Hong Kong	
56	56	Tokyo Institute of Technology	
70	61	Shanghai Jiao Tong University	
58	63	Osaka University	

2015/2016	2016/2017		
70	68	National Taiwan University (NTU)	
74	75	Tohoku University	
87	83	Pohang University of Science And Technology (POSTECH)	
104	98	Korea University	
113	104	University of Science and Technology of China	
118	106	Sungkyunkwan University (SKKU)	
110	110	Zhejiang University	
116	111	The Hong Kong Polytechnic University	
105	112	Yonsei University	
130	115	Nanjing University	
120	115	Nagoya University	
139	130	Hokkaido University	
146	133	Universiti Malaya (UM)	
142	135	Kyushu University	

ดีขึ้น 10 ลำดับขึ้นไป
 ตกลง 10 ลำดับลงไป

ดีขึ้น 20 ลำดับขึ้นไป
 ตกลง 20 ลำดับลงไป



QS World University Rankings (Asian U) 2015 vs 2016

2015/2016	2016/2017	
148	148	The Hebrew University of Jerusalem
155	151	National Tsing Hua University
147	152	Indian Institute of Science (IISc) Bangalore
193	171	Hanyang University
182	174	National Chiao Tung University
179	185	Indian Institute of Technology Delhi (IITD)
199	189	King Fahd University of Petroleum & Minerals
212	201	Waseda University
203	212	Tel Aviv University
198	213	Technion - Israel Institute of Technology
219	216	Keio University
202	219	Indian Institute of Technology Bombay (IITB)
219	225	University of Tsukuba
237	227	King Saud University
268	228	American University of Beirut (AUB)
275	236	Al-Farabi Kazakh National University

2015/2016	2016/2017	
224	241	National Cheng Kung University (NCKU)
260	243	National Taiwan University of Science and Technology (Taiwan Tech)
254	249	Indian Institute of Technology Madras (IITM)
253	252	Chulalongkorn University
240	257	Beijing Normal University
295	264	Kyung Hee University
331	270	Universiti Putra Malaysia (UPM)
273	275	Wuhan University
291	278	Harbin Institute of Technology
281	278	Hong Kong Baptist University
295	283	Mahidol University
303	283	King Abdulaziz University (KAU)
303	288	Universiti Teknologi Malaysia
307	297	Sun Yat-sen University
348	297	Hiroshima University
312	302	Universiti Kebangsaan Malaysia (UKM)

ดีขึ้น 10 ลำดับขึ้นไป
 ตกลง 10 ลำดับลงไป



ดีขึ้น 20 ลำดับขึ้นไป
 ตกลง 20 ลำดับลงไป





QS World University Rankings (Asian U) 2015 vs 2016

2015/2016	2016/2017		
271	302	Indian Institute of Technology Kanpur (IITK)	300
338	308	National Yang Ming University	256
376	310	National Taiwan Normal University	400+
286	313	Indian Institute of Technology Kharagpur (IIT-KGP)	324
277	315	Nankai University	328
345	315	Tongji University	
331	318	Xi'an Jiaotong University	
259	320	Ben Gurion University of The Negev	
358	325	Universitas Indonesia	310
391	329	Tokyo Medical and Dental University (TMDU)	294
289	330	Universiti Sains Malaysia (USM)	309

2015/2016	2016/2017		
354	335	Ewha Womans University	
-	337	Gwangju Institute of Science and Technology (GIST)	
371	345	L.N. Gumilyov Eurasian National University (ENU)	
361	369	Kobe University	
-	374	University of the Philippines	
-	386	Chung-Ang University(CAU)	
-	389	Beijing Institute of Technology	
-	393	Qatar University	
379	395	National Sun Yat-sen University	
391	399	Indian Institute of Technology Roorkee (IITR)	
-	401-410	Bandung Institute of Technology (ITB)	

 ดีขึ้น 10 ลำดับขึ้นไป
 ตกลง 10 ลำดับลงไป

 ดีขึ้น 20 ลำดับขึ้นไป
 ตกลง 20 ลำดับลงไป



Mahidol University
Wisdom of the Land

QS ASIA UNIVERSITY RANKINGS 2016



THE TOP
250
UNIVERSITIES
IN ASIA 2016

Official Announcement:
14th June 2016

8th Edition (started in 2009)

2016 Overall Rank in Asia

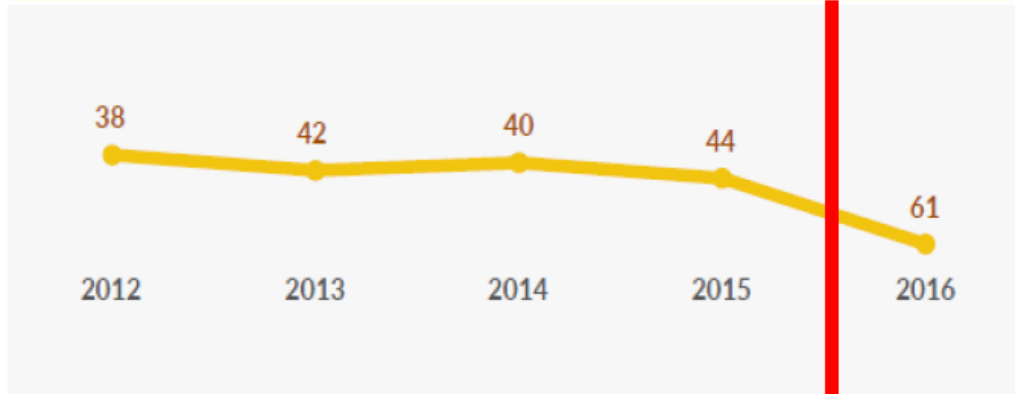
61

Overall Score

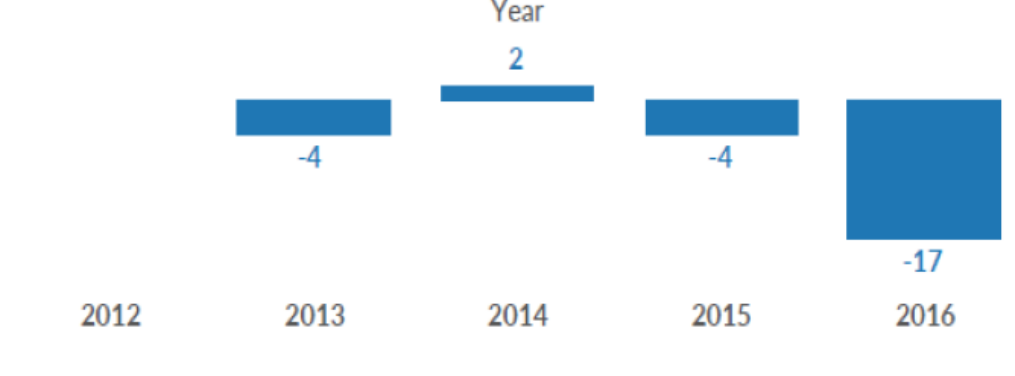
62.5/100

Since its first appearance in the rankings, **Mahidol University** moved down **23** places.

Overall Rank Evolution



Gains / Losses by Year



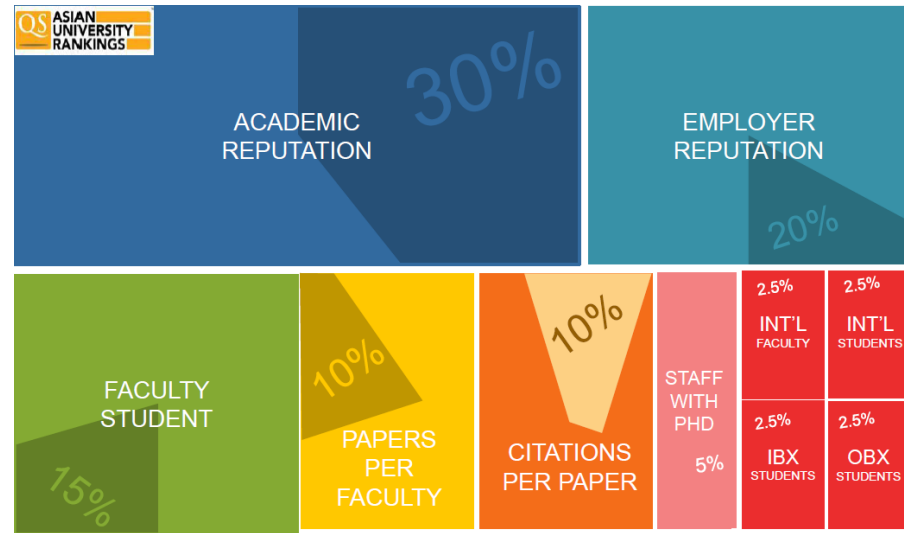
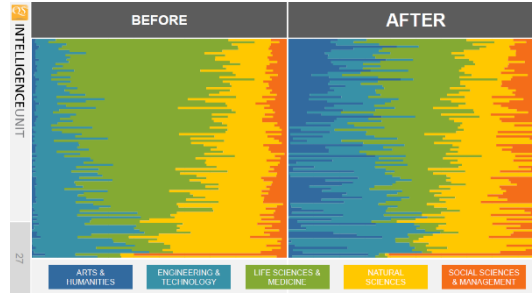


Institute	2016	2015	2014	2013	2012	2011	2010	2009
CU	45	53	48	48	43	47	44	35
MU	61	44	40	42	38	34	28	30
TU	101	143	134	107	110	88	91	85
CMU	104	99	92	98	91	67	79	81
KU	129	151-200	151-160	171-180	191-200	120	126	108
KMUTT	161	151-200	181-190	161-170	161-170	181-190	201	201
KKU	165	151-200	171-180	161-170	122	114	171 - 180	113
PSU	185	151-200	142	146	145	95	101	109

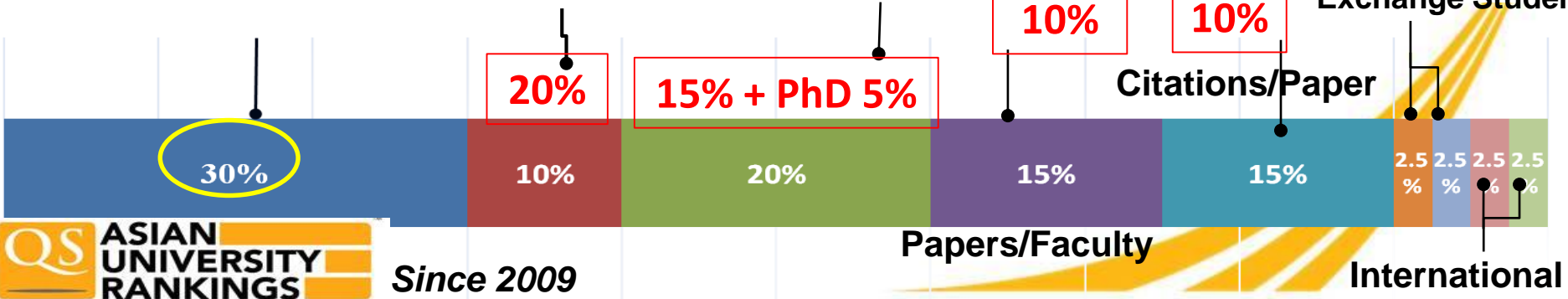
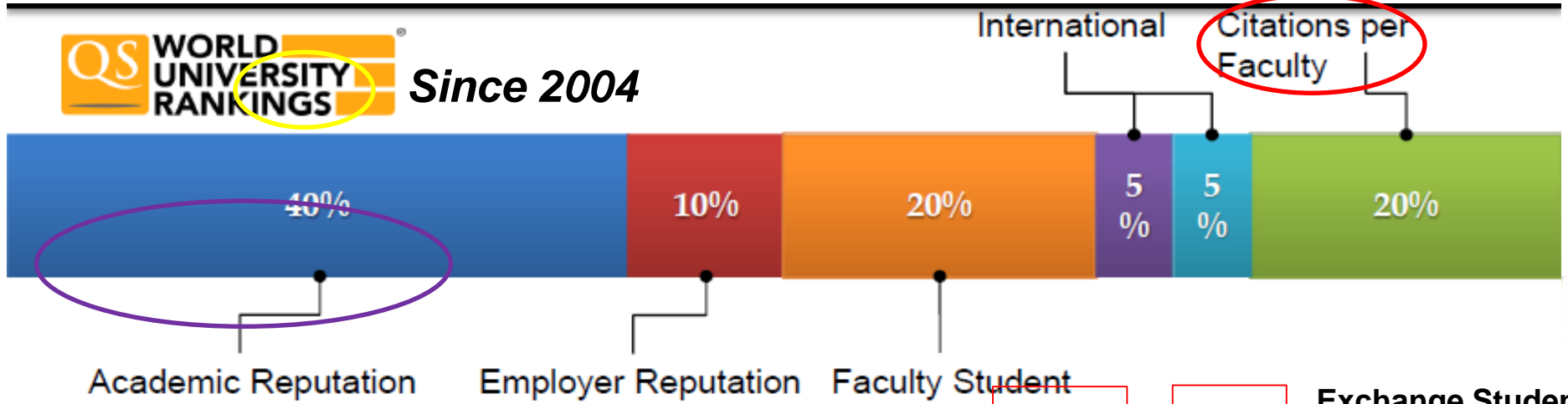


Mahidol University
Wisdom of the Land

QS Asia Ranking 2016!!



QS WORLD UNIVERSITY RANKINGS Since 2004





Mahidol University	2016 (61)	2015 (44)	2014 (40)	2013 (42)
Total Score (100)	62.5	72.6	72.7	70.6
Academic Reputation	77.2	83.7	80.9	82.1
Employer Reputation	56.7	56.6	62.1	50.5
Faculty/Student ratio	90	96.7	95.9	92.6
Papers per faculty	13.6	19.1	20.5	22.7
Citations per papers	55.6	89.9	94.3	92.6
Staff with PhD	48.1	-	-	-
Inter Faculty	25	29.3	31.6	31.2
Inter Student	18.9	23.3	24	19.8
Exchange inb	23.2	10	8	12.8
Exchange outb	24.2	24	13.3	10



ASIA 2016



2016

2015





MU 2013-2016



Mahidol University	2016	2015	2014	2013
Official Ranking	90	91	82	61
Overall Ranking Score (100%)	30	26.8	26.7	28.7
Teaching – The learning environment (30%) 2016:25%	30.9	27.4	28.6	32.8
International Outlook - Staff & Students and Research Co-authorship (7.5%)	44.1	42.9	42.0	41.6
Industry Income – Innovation (2.5%)	71.6	41.2	38.5	35.1
Research – Volume/Income/Reputation (30%)	17.1	14.2	14.3	17.3
Citations - Research Influence (30%)	28.3	33.5	32.3	32.3



2016 Asia Rank	World University Rank 2015-2016	Institution	Country	Teaching	Research	Citations	Industry Income	International Outlook	Overall score
90	501-600	Mahidol University	Thailand	30.9	17.1	28.3	71.6	44.1	30
98	601-800	King Mongkut's University of Technology Thonburi	Thailand	21.7	13.8	36.2	70.3	28.5	27.9
141-150	601-800	Chiangmai University	Thailand	20.6	11.4	30	32.3	34.9	22.4-23.0
151-160	601-800	Chulalongkorn University	Thailand	27	16.3	16.7	37.8	32.8	21.9-22.3
161-170	601-800	Suranaree university of Technology	Thailand	25.3	14.4	18.4	38.1	25.9	20.6-21.8
181-190	601-800	Khonkaen University	Thailand	21.2	9.1	19.9	35.8	31.5	18.0-19.1
181-190	601-800	Prince of Songkla University	Thailand	18.3	8.7	22.2	31.6	31	18.0-19.1
1	26	National University of Singapore	Singapore	69.3	84.3	79.4	49.8	96.2	77.4
= 2	55	Nanyang Technological University	Singapore	50.3	67	85.6	99.9	94.6	72.9
= 70	401-500	Universiti Teknologi Malaysia	Malaysia	30.3	17.5	44.7	31.1	51.7	32.4
121-130	601-800	Universiti Putra Malaysia	Malaysia	29.5	25.3	10.2	34.2	50.1	24.1-25.3
141-150	601-800	Universiti Sains Malaysia	Malaysia	30.2	19.21	12.4	34.4	44.2	22.4-23.0



Start @ 2011: 30 Subjects

Life Sciences & Medicine

- **Medicine**
- **Biological Sciences**
- **Psychology**
- **Pharmacy & Pharmacology**
- **Agriculture & Forestry**

Engineering & Technology

- [Computer Science & Information Systems](#)
- [Chemical Engineering](#)
- [Civil & Structural Engineering](#)
- [Electrical & Electronic Engineering](#)
- [Mechanical, Aeronautical & Manufacturing Engineering](#)

Natural Sciences

- [Physics & Astronomy](#)
- [Mathematics](#)
- [Environmental Sciences](#)
- [Earth & Marine Sciences](#)
- [Chemistry](#)
- [Materials Sciences](#)

Arts & Humanities

- [Philosophy](#)
- [Modern Languages](#)
- [Geography](#)
- [History](#)
- [Linguistics](#)
- [English Language & Literature](#)

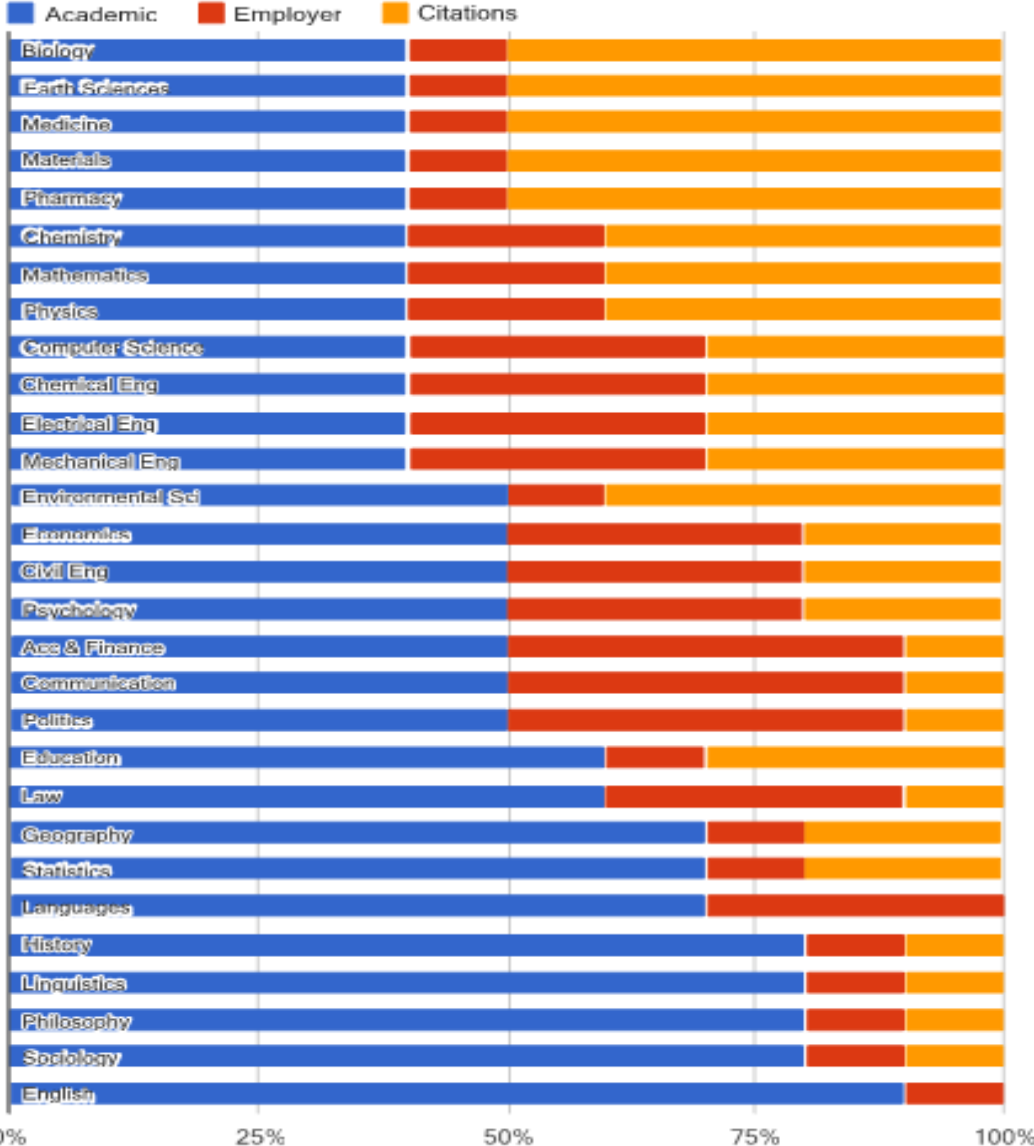
Social Sciences

- [Statistics & Operational Research](#)
- [Sociology](#)
- [Politics & International Studies](#)
- [Law](#)
- [Economics & Econometrics](#)
- [Accounting & Finance](#)
- [Communication & Media Studies](#)
- [Education](#)



by subject

Weightings by Subject



Weightings in the QS
WUR by Subject
30 Subjects

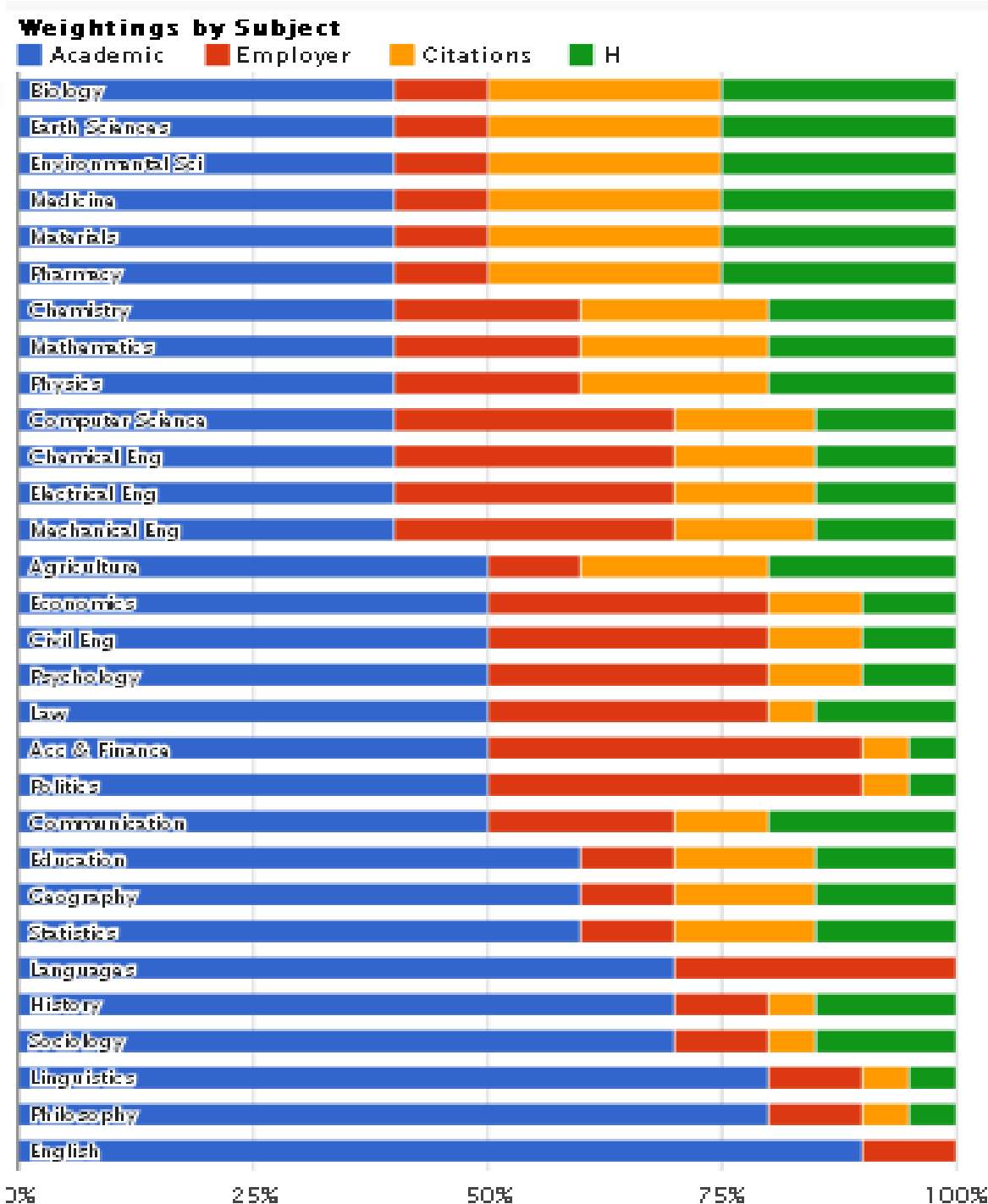
2011- 2012

+ H-index

Weightings in the QS World University Rankings by Subject 30 Subjects

2013-2014

Why H-index?





Medicine:	12 in Asia	111 in World
Pharmacy/P'cology:	7 in Asia	54 in World
Biological Sciences:	30 in Asia	188 in World

2014

Medicine:	12 in Asia	107 in World
Pharmacy/P'cology:	8 in Asia	49 in World
Biological Sciences:	201 – 250 in World	



QS Subject Ranking 2015: 36 Subjects

QS INTELLIGENCE UNIT

INDEPENDENT MEASURES

ACADEMIC REPUTATION

2 Subjects Most Expert
10 Domestic
30 Internat-

EMPLOYER REPUTATION

10 Domestic
30 Internat-
Institute &
Subject

CITATIONS PER PAPER

5Y Period

powered by

Scopus¹⁰

H INDEX

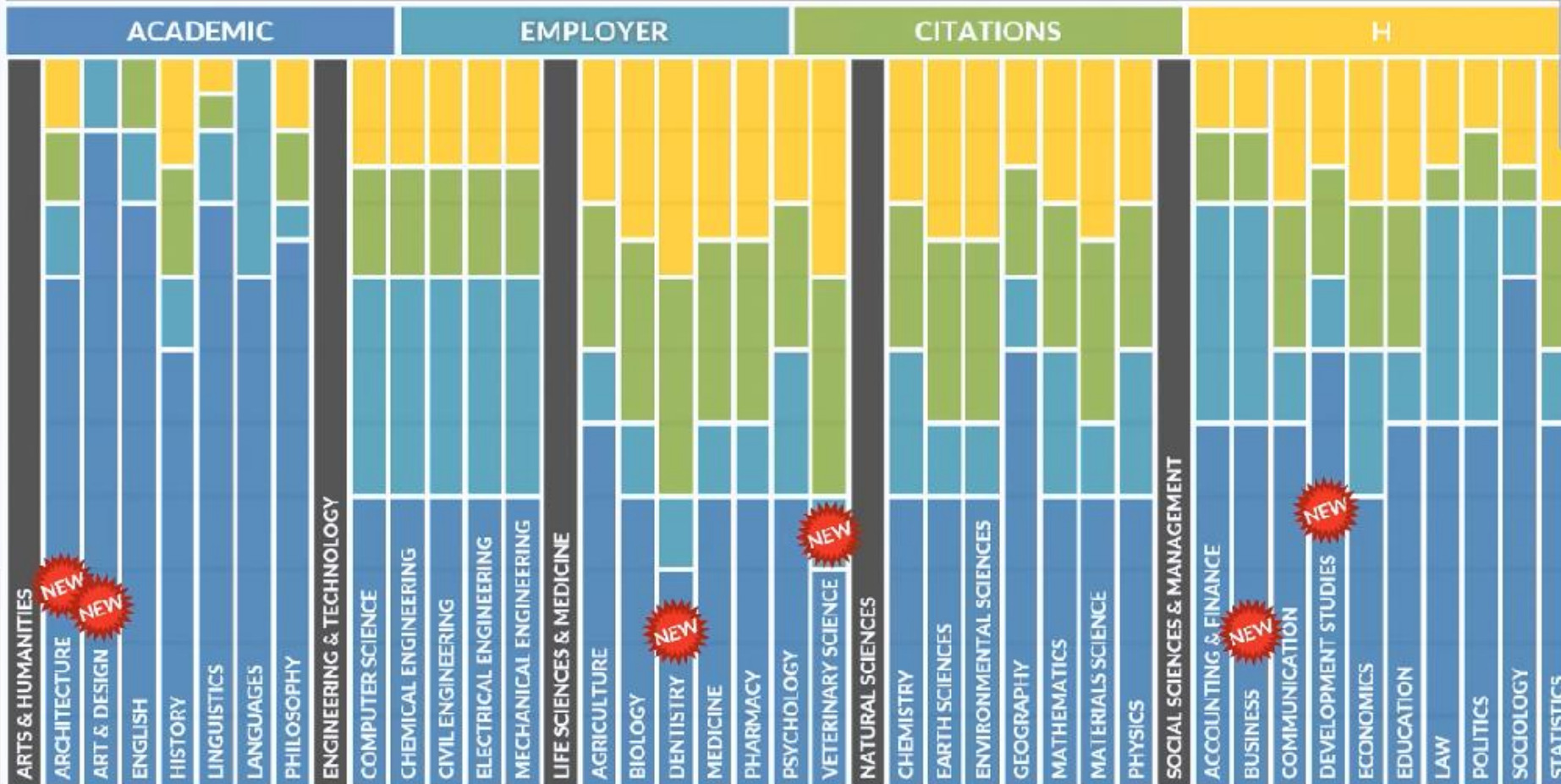
powered by

Scopus¹⁰



QS Subject Ranking 2015: 36 Subjects

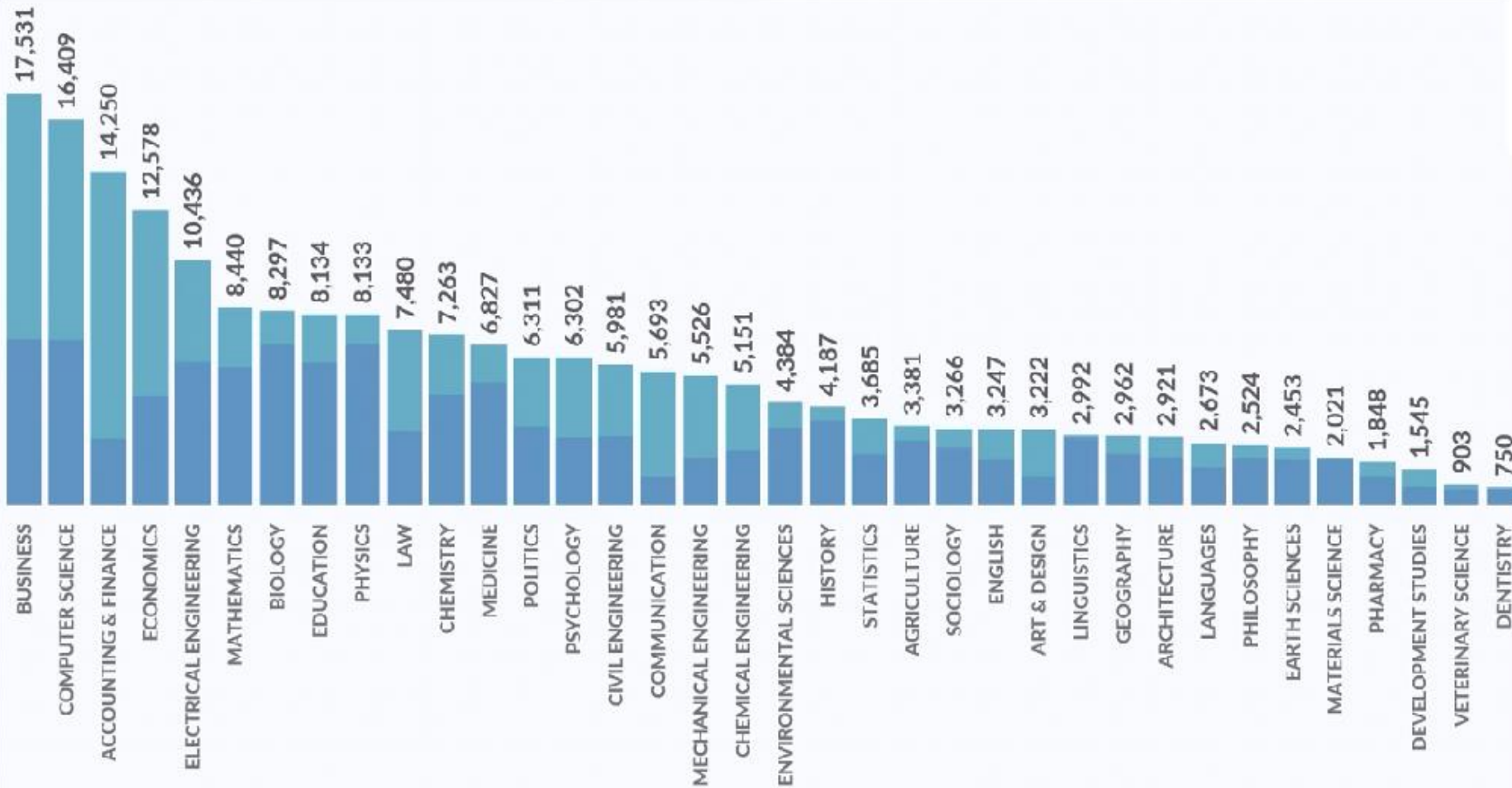
SUBJECT SENSITIVE WEIGHTINGS





QS Subject Ranking 2015: 36 Subjects

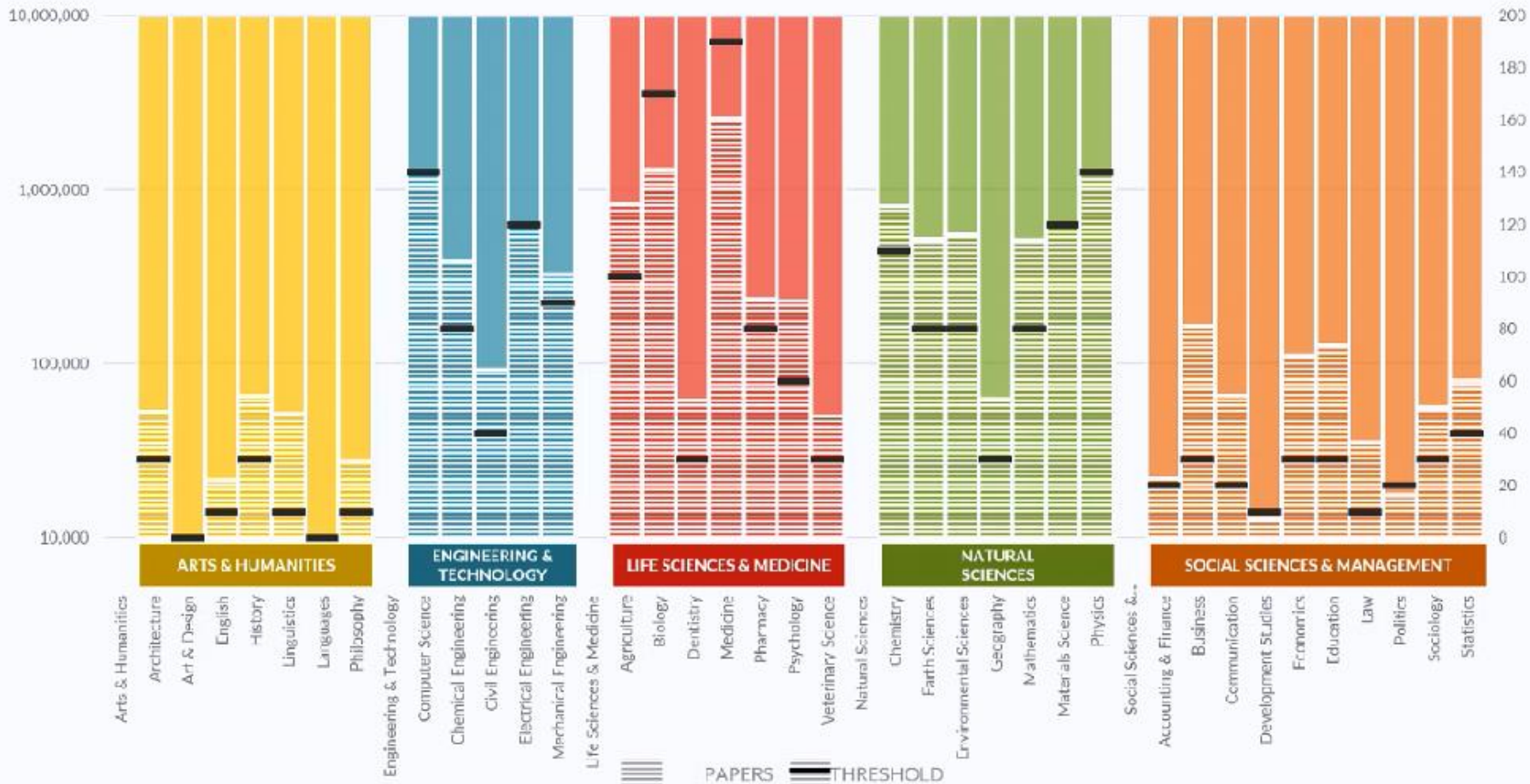
SURVEY RESPONSE LEVELS





QS Subject Ranking 2015: 36 Subjects

PAPERS & THRESHOLDS





QS Subject Ranking 2015: 36 Subjects

QUALIFICATION FUNNEL



PAPER THRESHOLD

SURVEY THRESHOLD

PROGRAMS OFFERED

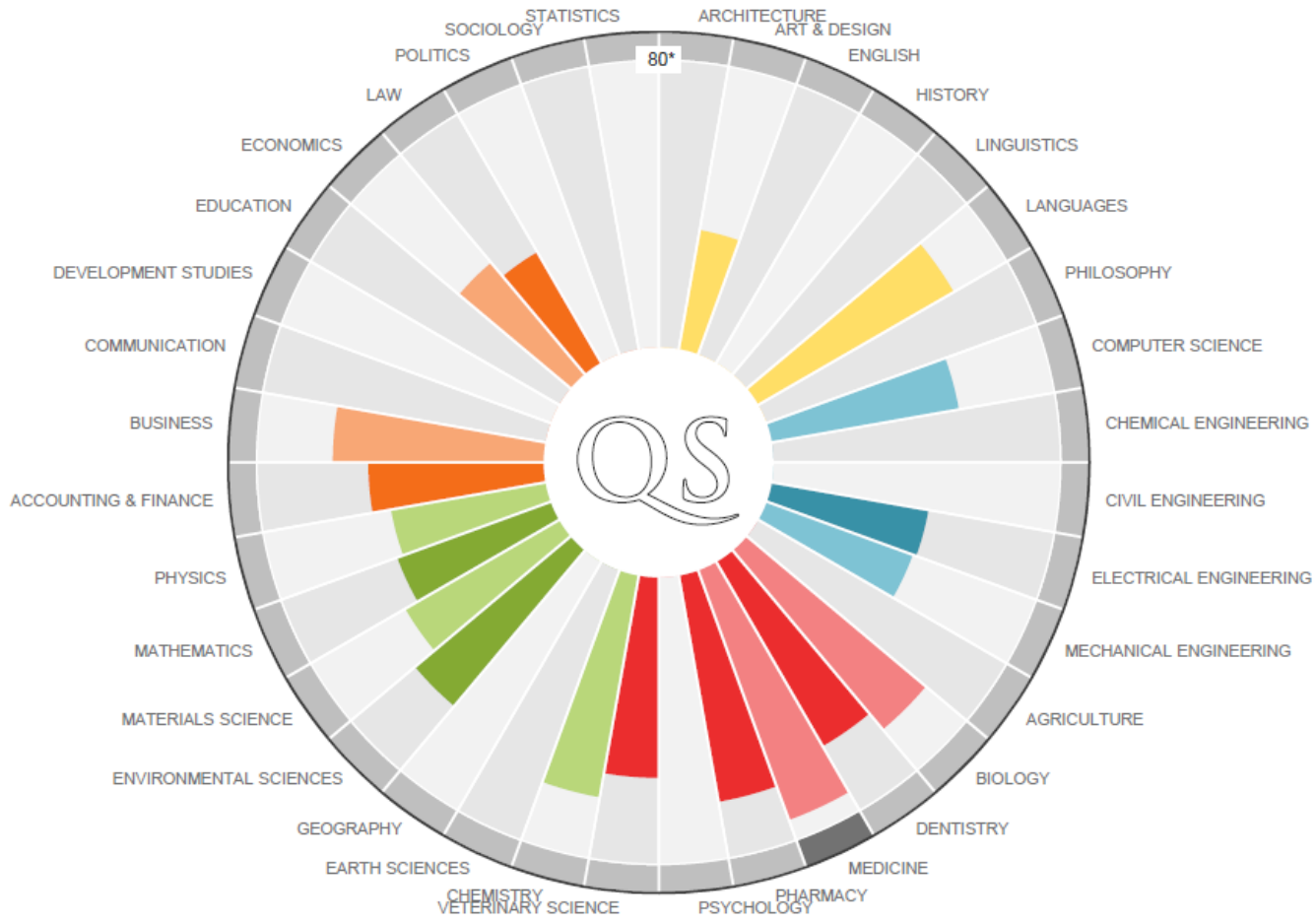
Focus on institutions
featured within
published range



QS Subject Ranking 2015: 36 Subjects

v2.1.4

■ ARTS & HUMANITIES ■ ENGINEERING & TECHNOLOGY ■ LIFE SCIENCES & MEDICINE ■ NATURAL SCIENCES ■ SOCIAL SCIENCES &



SCORED IN

19

SUBJECTS

RANKED IN

5

SUBJECTS

TOP 100 FOR

1

SUBJECT

*
The maximum possible score in any subject is 100 but the scale here is dynamically set to highlight the differences between disciplines at the given university

MAHIDOL UNIVERSITY

Overall scores by discipline in the QS World University Rankings by Subject

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QS Subject Ranking 2015: 36 Subjects

	Subject	Academic	Employer	Citations	H	Score	2013 Rank	2014 Rank	2015 Rank		Ranked / Scored	Score Percentile	Rank in Country	
ARTS & HUMANITIES	Architecture / Built Environment	INSUFFICIENT PAPERS PUBLISHED										100 / 475		
	Art & Design	33.1	39.3			33.7					100 / 1126		4	
	English Language & Literature	INSUFFICIENT PAPERS PUBLISHED									300 / 490			
	History	INSUFFICIENT PAPERS PUBLISHED									200 / 507			
	Linguistics	INSUFFICIENT PAPERS PUBLISHED									200 / 567			
	Modern Languages	60.8	67.7			62.9			201-250	↑	300 / 1178	80%	2	
	Philosophy	INSUFFICIENT PAPERS PUBLISHED									200 / 511			
ENGINEERING & TECHNOLOGY	Computer Science & Info Systems	50.3	66.5	46.5	39.3	52.9					400 / 995		4	
	Engineering - Chemical	NO PROGRAMS OFFERED									200 / 661			
	Engineering - Civil & Structural	INSUFFICIENT PAPERS PUBLISHED									200 / 486			
	Engineering - Electrical	31.7	64.2	46.7	35.6	44.3					300 / 835		9	
	Engineering - Mechanical	30.6	56.6	50.6	43.2	43.3					300 / 657		9	
LIFE SCIENCES & MEDICINE	Agriculture & Forestry	NO PROGRAMS OFFERED									200 / 670			
	Biological Sciences	62.7	74.0	73.9	56.5	65.1	151-200		151-200	↑	400 / 928	81%	1	
	Dentistry	64.7	43.9	60.4	57.8	59.3					50 / 292		2	
	Medicine	74.8	74.2	81.5	65.1	74.0	101-150	101-150	51-100	↑	400 / 763	90%	1	
	Pharmacy & Pharmacology	55.7	35.1	81.9	70.8	64.0	51-100	49	101-150	↓	200 / 499	74%	2	
	Psychology	INSUFFICIENT PAPERS PUBLISHED										200 / 611		
	Veterinary Science	58.1	37.2	66.3	49.4	55.9					50 / 327		3	
NATURAL SCIENCES	Chemistry	56.8	72.4	69.0	58.3	62.7			301-350	↑	400 / 900	63%	2	
	Earth & Marine Sciences	INSUFFICIENT PAPERS PUBLISHED									200 / 668			
	Geography	INSUFFICIENT PAPERS PUBLISHED									200 / 478			
	Environmental Sciences	59.4	61.8	59.7	46.8	56.6					300 / 907		6	
	Materials Science	48.7	50.7	54.8	44.9	49.5					200 / 747		2	
	Mathematics	46.4	52.8	44.6	37.5	45.5					400 / 911		4	
	Physics & Astronomy	47.5	51.6	43.4	28.5	43.7					400 / 949		2	
SOCIAL SCIENCES & MANAGEMENT	Accounting & Finance	43.6	60.8	39.4	49.3	48.9					200 / 488		3	
	Business & Management Studies	55.0	60.9	66.3	64.2	58.8					200 / 864		4	
	Communication & Media Studies	INSUFFICIENT PAPERS PUBLISHED									200 / 501			
	Development Studies	INSUFFICIENT PAPERS PUBLISHED									100 / 387			
	Education	NO PROGRAMS OFFERED									200 / 733			
	Economics & Econometrics	35.3	58.8	49.6	24.2	40.6					200 / 744		4	
	Law	20.1	58.2	56.9	34.9	35.6					200 / 584		1	
	Politics & International Studies	INSUFFICIENT PAPERS PUBLISHED									200 / 508			
	Sociology	INSUFFICIENT PAPERS PUBLISHED									200 / 558			
	Statistics & Operational Research	INSUFFICIENT PAPERS PUBLISHED									200 / 559			

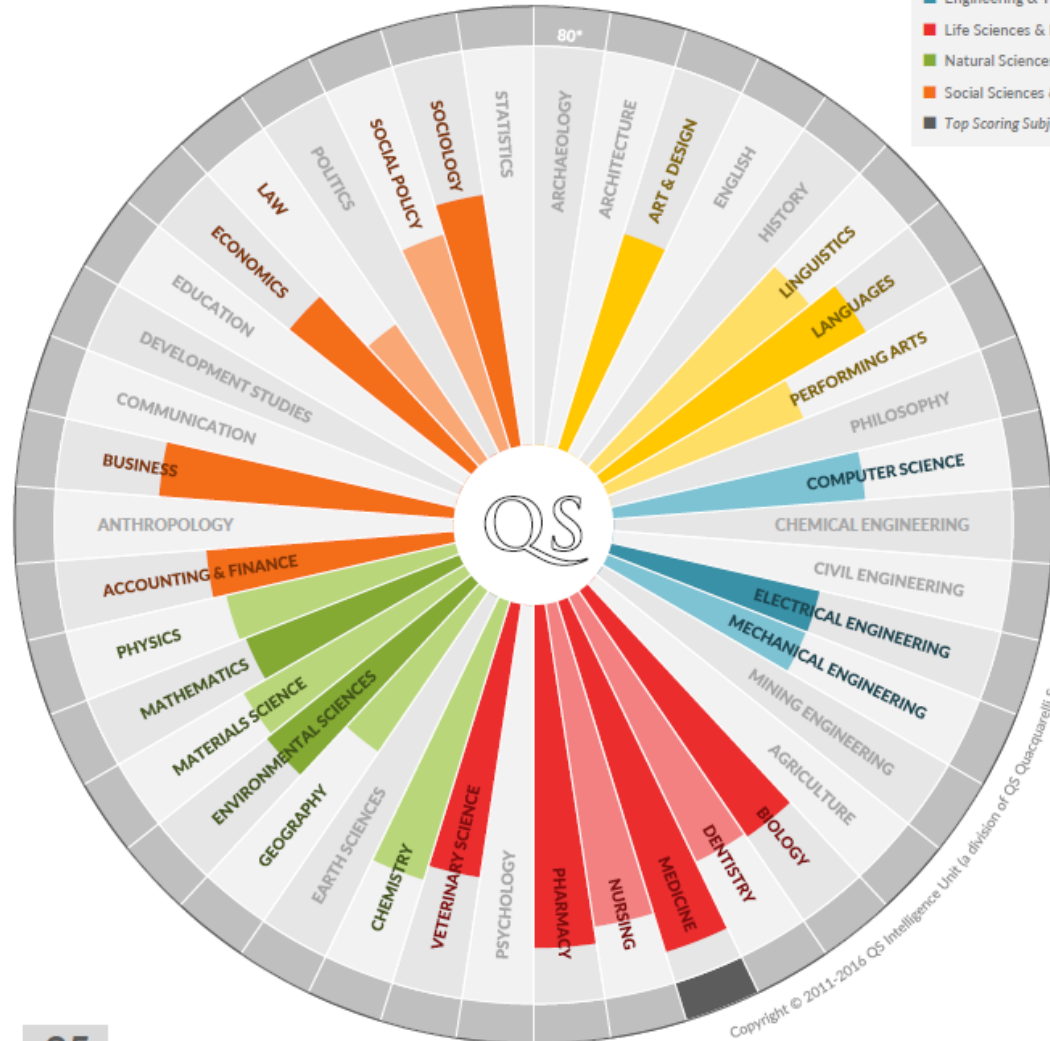
NOTES:
 There are a different reasons why an institution may not have results in any given subject.

1. It may not offer a program
2. It may not have published a sufficient number of papers
3. It may not have attracted a minimum level of recognition through our surveys.



MAHIDOL UNIVERSITY

Overall Scores by Subject



- Arts & Humanities
- Engineering & Technology
- Life Sciences & Medicine
- Natural Sciences
- Social Sciences & Management
- Top Scoring Subject

SCORED IN **25** SUBJECT

RANKED IN **7** SUBJECTS

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* The maximum possible score in any subject is 100 but the scale here is dynamically set to highlight the differences between disciplines at the given university



QS Subject Ranking 2016: 42 Subjects

QS World University Rankings by Subject 2016

v1.1

MAHIDOL UNIVERSITY

Below is the institution's detailed performance by indicator and overall across the 42 subjects currently featured in the QS World University Rankings by Subject. It is very unusual for an institution to qualify for consideration in all 42 subjects. The table also includes rankings for the past two years where available, please note that 12 new subjects have been added across the past two years. Also please note that different numbers of institutions feature in the published tables in different subjects - the "Ranked / Scored" column denotes the number of institutions published vs the number considered in our analysis.

	Subject	2016 Scores				Overall	2014 Rank	2015 Rank	2016 Rank		Ranked / Scored	Score Percentile	Rank in Country
		Academic	Employer	Citations	H								
ARTS & HUMANITIES	Archaeology	NO ACADEMIC RESPONSES									100 / 360		
	Architecture / Built Environment	INSUFFICIENT PAPERS PUBLISHED									100 / 518		
	Art & Design	45.6	40.2			45.1					100 / 1273		2
	English Language & Literature	INSUFFICIENT PAPERS PUBLISHED									300 / 520		
	History	INSUFFICIENT PAPERS PUBLISHED									200 / 530		
	Linguistics	59.8	42.1	11.1	41.2	54.7			151-200	↑	200 / 664	73%	2
	Modern Languages	59.1	65.4			61.0		201-250	201-250	→	300 / 1219	81%	4
	Performing Arts	46.8	0.0			42.1					100 / 974		2
	Philosophy	INSUFFICIENT PAPERS PUBLISHED									200 / 567		
ENGINEERING & TECHNOLOGY	Computer Science & Info Systems	47.4	62.5	47.6	38.4	50.6		401-450	↑	500 / 1075	60%	6	
	Engineering - Chemical	NO PROGRAMS OFFERED									200 / 713		
	Engineering - Civil & Structural	INSUFFICIENT PAPERS PUBLISHED									200 / 532		
	Engineering - Electrical	29.7	58.4	46.5	42.9	42.8					300 / 909		10
	Engineering - Mechanical	31.5	56.9	41.7	44.7	42.6					300 / 794		9
	Engineering - Mineral & Mining	INSUFFICIENT PAPERS PUBLISHED									100 / 403		



QS Subject Ranking 2016: 42 Subjects

Subject	2016 Scores					2014 Rank	2015 Rank	2016 Rank	Ranked / Scored	Score Percentile	Rank in Country	
	Academic	Employer	Citations	H	Overall							
Agriculture & Forestry	NO PROGRAMS OFFERED								200 / 749			
Biological Sciences	53.6	69.0	71.7	53.9	59.7		151-200	201-250	↓	400 / 999	77%	2
Dentistry	56.4	47.7	65.3	58.8	58.9					50 / 314		2
Medicine	72.1	75.6	82.5	66.2	73.6	101-150	51-100	101-150	↓	400 / 861	85%	1
Nursing	81.1	39.4	67.8	55.8	65.4					100 / 396		1
Pharmacy & Pharmacology	71.1	38.1	79.7	66.5	68.8	49	101-150	101-150	→	200 / 557	77%	1
Psychology	INSUFFICIENT PAPERS PUBLISHED									200 / 657		
Veterinary Science	49.5	46.1	65.9	53.8	55.4					50 / 341		2
Chemistry	58.6	62.4	64.9	47.7	58.4		301-350	301-350	→	400 / 981	66%	2
Earth & Marine Sciences	INSUFFICIENT PAPERS PUBLISHED									200 / 732		
Geography	42.7	34.9	36.6	29.0	39.0					200 / 544		3
Environmental Sciences	43.7	60.9	64.8	50.7	52.4					300 / 983		5
Materials Science	45.7	43.3	62.1	51.8	51.1					200 / 834		4
Mathematics	46.9	48.0	44.8	42.8	45.9					400 / 997		4
Physics & Astronomy	52.7	46.0	50.7	33.5	47.1					400 / 997		2
Accounting & Finance	46.9	58.2	43.6	43.9	49.7					200 / 530		3
Anthropology	INSUFFICIENT PAPERS PUBLISHED									100 / 344		
Business & Management Studies	54.7	60.2	69.9	68.2	59.2					200 / 957		4
Communication & Media Studies	INSUFFICIENT PAPERS PUBLISHED									200 / 596		
Development Studies	INSUFFICIENT PAPERS PUBLISHED									100 / 424		
Education	NO PROGRAMS OFFERED									300 / 783		
Economics & Econometrics	42.6	55.0	49.2	43.5	46.6					300 / 803		5
Law	18.5	52.3	33.4	40.7	32.7					200 / 644		1
Politics & International Studies	INSUFFICIENT PAPERS PUBLISHED									200 / 540		
Social Policy & Administration	49.5	51.3	0.0		44.9					100 / 1299		3
Sociology	56.9	51.1	44.1	24.9	50.9					200 / 602		1
Statistics & Operational Research	INSUFFICIENT PAPERS PUBLISHED									200 / 582		



QS-WUR



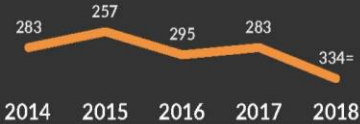
Mahidol University

OVERALL RANK

334=

OVERALL, THE INSTITUTION FELL FROM 2017 BY 51 PLACES.

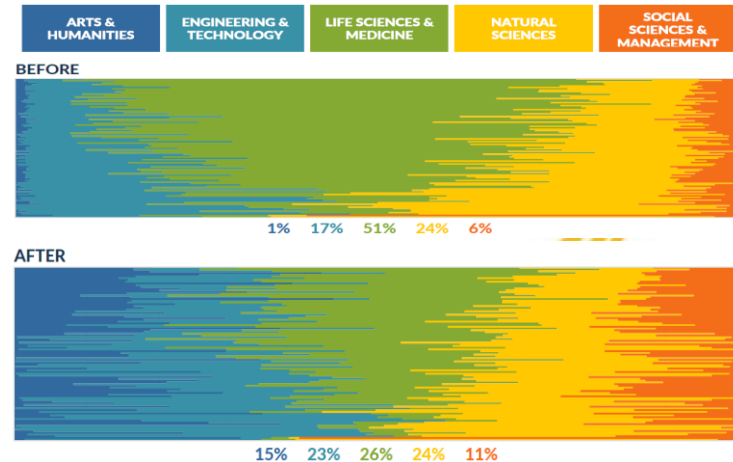
RANKINGS TREND



Since 2014, Mahidol University moved down 51 places. Over the 5 considered years, the institution moved up twice and fell twice.

Institute	2017	2016	2015	2014	2013	2012	2011
Chula	245	252	253	243	239	201	171
Mahidol	334	283	295	257	283	255	229
Chiangmai	551-600	551-600	551-600	501-550	551-600	501-550	501-550
Thammasat	601-650	601-650	601-650	601-650	601-650	551-600	501-550
Kasetsart	751-800	701+	651-700	651-700	651-700	601+	551-600
Khon Kaen	801+	701+	701+	701+	701+	601+	601+
KMUTT	801+	701+	701+	701+	701+	601+	601+
PSU	801+	701+	701+	701+	701+	601+	601+

- Faculty Area Normalisation in 2015
- Citation window extended to 6 years
 5 years Publication Period : 2011-2015
 6 years Citations Period : 2011-2016
- Employer Reputation: Weighting Recalibration
 70% international and 30% domestic of total scores shifted to 50:50 of total scores





QS-WUR



Mahidol University	2016/2017*	2017/2018**
Students	28,491	29,010
International Students	959	1,080
Faculty Staff	3,735	2,795
International Faculty	202	226.34

Research Output – Papers and Citations

Citations (Normalized)	24,853	36,009
Citations (Excluding Self-Citations)	36,643	55,122
Papers	9,521	9,389

*The 2016/2017 QS World Ranking: Papers period: 2010-2014 | Citations period: 2010-2014

**The 2017/2018 QS World Ranking: Papers period: 2011-2015 | Citations period: 2011-2016

Paper: 5Y
Citation: 6Y

RESEARCH OUTPUT

PAPERS AND CITATIONS BY SUBJECT AREA

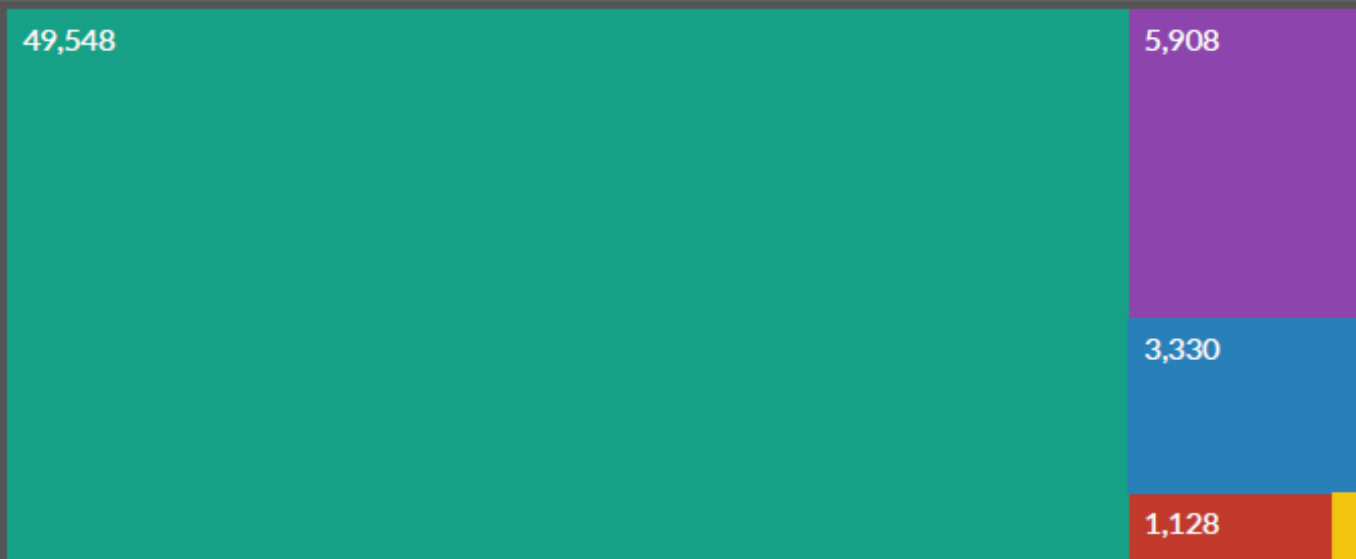
PAPERS

Indexed in Scopus in the 2011-2015 period



CITATIONS (EXCLUDING SELF-CITATIONS)

For the above papers in the 2011-2016 period



MAHIDOL UNIVERSITY

- Arts & Humanities
- Engineering & Technology
- Life Sciences & Medicine
- Natural Sciences
- Social Sciences & Management



MU Scores by Indicators

2016/2017		2017/2018	
Overall scores	37.6	Overall scores	35.1
Academic Reputation	45.8	Academic Reputation	46.4
Employer Reputation	26.6	Employer Reputation	24.6
Faculty/Student	73.3	Faculty/Student	58.0
Citation per faculty	5.8	Citation per faculty	7.0
Inter students	5.8	Inter students	5.6
Inter faculty	10.1	Inter faculty	15.2

Academic Reputation	215	▼	-10
Employer Reputation	401+	▼	-37
Citations per Faculty	401+	▼	-8
Faculty Student	235	▼	-88
International Faculty	401+	▲	60
International Students	401+	▼	-23



ACADEMIC
REPUTATION

30%

EMPLOYER
REPUTATION

20%

FACULTY
STUDENT

15%

10%

PAPERS
PER
FACULTY

10%

CITATIONS
PER PAPER

STAFF
WITH
PHD

5%

2.5%

INT'L
FACULTY

INT'L
STUDENTS

IBX
STUDENTS

OBX
STUDENTS



WHAT ARE CHANGES?

Year 2016-2017

- New indicator added - **Number of PhD faculty staff (5%)**

Year 2017-2018

- Citation window extended to 6 years
5 years Publication Period : 2011-2015
6 years Citations Period : 2011-2016
- Employer Reputation: Weighting Recalibration
70% international and 30% domestic of total scores
shifted to 50:50 of total scores



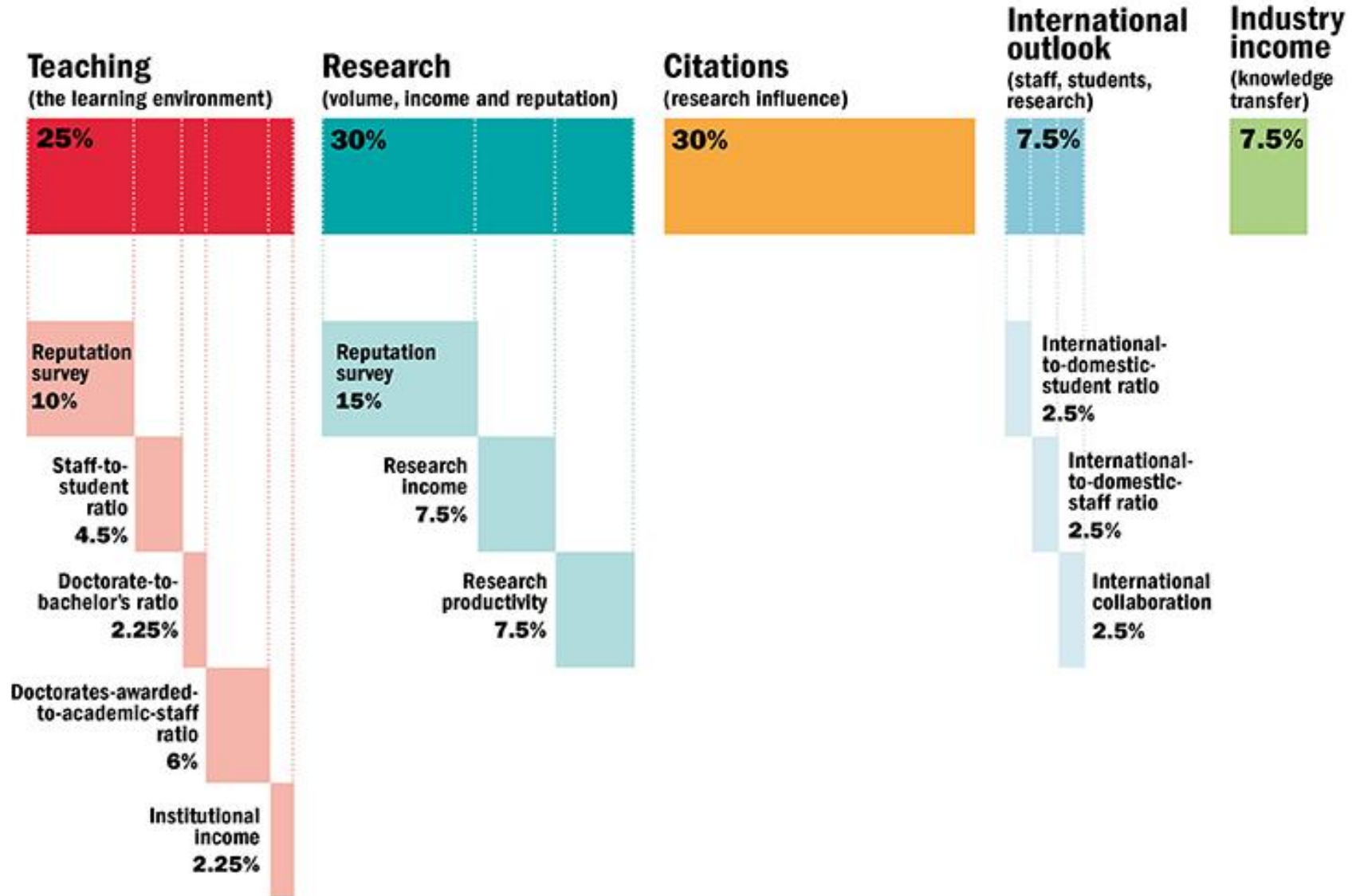
MU Scores by Indicator since 2013-2017

QS Asia University Rankings

Mahidol University		2017		2016		2015		2014		2013		
Rank		58		61		44		40		42		
Total Score (100)	2016-2017	Score by Indicators	estimated scores	Score by Indicators	estimated scores	2013-2015	Score by Indicators	estimated scores	Score by Indicators	estimated scores	Score by Indicators	estimated scores
Academic Reputation	30%	76.8	23.04	77.2	23.16	30%	83.7	25.11	80.9	24.27	82.1	24.63
Employer Reputation	20%	55.4	11.08	56.7	11.34	10%	56.6	5.66	62.1	6.21	50.5	5.05
Faculty/Student ratio	15%	80.6	12.09	90	13.5	20%	96.7	19.34	95.9	19.18	92.6	18.52
Papers per faculty	10%	75.2	7.52	13.6	1.36	15%	19.1	2.87	20.5	3.08	22.7	3.41
Citations per papers	10%	20.6	2.06	55.6	5.56	15%	89.9	13.49	94.3	14.15	92.6	13.9
Staff with PhD	5%	38.6	1.93	48.1	2.41		-	-	-	-	-	-
Inter Faculty	2.5%	23.7	0.59	25	0.63	3%	29.3	0.73	31.6	0.79	0	0.00
Inter Student	2.5%	55.3	1.38	18.9	0.47	3%	23.3	0.58	24	0.60	19.8	0.50
Exchange inb students	2.5%	56.6	1.415	23.2	0.58	3%	10	0.25	8	0.2	12.8	0.32
Exchange outb students	2.5%	38.0	0.95	24.2	0.61	3%	24	0.6	13.3	0.33	10	0.25



Indicators and Weightings





THE University Ranking

THE-WUR

CITATION
(citation/staff-normalized, country adjusted) 30%

RESEARCH
(paper/staff, income/staff, reputation survey) 30%

TEACHING
(survey, No. & ratio of staff/BS & PhD student, ratio of PhD/BS, income/staff) 30%

INTERNATIONAL
(no. of inter staff/student, inter coauthorship) 7.5%

INNOVATION
(industry income) 2.5%

BRICS Ranking

THE-ASIA

CITATION
(citation/staff-normalized, country adjusted) 30%

RESEARCH
(paper/staff, income/staff, reputation survey) 30%

TEACHING
(survey, No. & ratio of staff/BS & PhD student, ratio of PhD/BS, income/staff) 25%

INTERNATIONAL
(no. of inter staff/student, inter coauthorship) 7.5%

INNOVATION
(industry income) 7.5%

CITATION
(citation/staff-normalized, country adjusted) 20%

RESEARCH
(paper/staff, income/staff, reputation survey) 30%

TEACHING
(survey, No. & ratio of staff/BS & PhD student, ratio of PhD/BS, income/staff) 30%

INTERNATIONAL
(no. of inter staff/student, inter coauthorship) 10%

INNOVATION
(industry income) 10%



MU Scores by Indicator since 2013-2017

THE World University Rankings

Mahidol University		2017		2016		2015		2014		2013	
Rank		501-600		501-600		501-600		-		-	
Total Score (100)		Score by Indicators	estimated real scores	Score by Indicators	estimated real scores	Score by Indicators	estimated real scores	Score by Indicators	estimated real scores	Score by Indicators	estimated real scores
Teaching	25%	27.1	6.78	29.4	7.35	26.8	6.70	27	6.75	29	7.25
Doctorate to bachelor awarded	2.25%	46.4	1.04	42.4	0.95	40.4	0.91	35	0.79	35	0.79
Doctorate awarded to academic staff	6%	18.7	1.12	17.4	1.04	16.6	1.00	22	1.32	14	0.84
Teaching reputation	10%	8.7	0.87	6.7	0.67	6.4	0.64	11	1.10	14	1.40
Institutional income to academic staff	2.25%	88.3	1.99	88.3	1.99	72.4	1.63	70	1.58	60	1.35
students to academic staff	4.5%	59.3	2.67	85.5	3.85	79	3.56	63	2.84	78	3.51
Research	30%	16.0	4.80	13.4	4.02	15.1	4.53	14	4.20	14	4.20
Publication per staff	7.5%	23.7	1.78	17.3	1.30	14.8	1.11	18	1.35	17	1.28
Research income to academic staff	7.5%	39.4	2.96	32.4	2.43	39.6	2.97	30	2.25	27	2.03
Research reputation	15%	5.7	0.86	5.7	0.86	7.1	1.07	8	1.20	9	1.35
Citations	30%	43.4	13.02	36.8	11.04	28.3	8.49	34	10.20	32	9.60
Citation impacts	30%	43.4	13.02	36.8	11.04	28.3	8.49	34	10.20	32	9.60
Industry income	2.5%	60.0	1.50	50.8	1.27	71.6	1.79	41	1.03	39	0.98
Industry income to academic staff	2.5%	60.0	1.50	50.8	1.27	71.6	1.79	41	1.03	39	0.98
International outlook	7.5%	45.0	3.38	42.9	3.22	44.1	3.31	43	3.23	42	3.15
Percentage of international staff	2.5%	34.7	0.87	31.4	0.79	29	0.73	29	0.73	28	0.70
International co-authorship	2.5%	77.1	1.93	75.8	1.90	83.1	2.08	78	1.95	77	1.93
Percentage of international students	2.5%	23.1	0.58	21.4	0.54	20	0.50	22	0.55	21	0.53



Indicator	Weight
Global research reputation	12.50%
Regional research reputation	12.50%
Publications	10%
Books	2.50%
Conferences	2.50%
Normalized citation impact	10%
Total citations	7.50%
Number of publications that are among the 10 percent most cited	12.50%
Percentage of total publications that are among the 10 percent most cited	10%
International collaboration	5%
Percentage of total publications with international collaboration	5%
Number of highly cited papers that are among the top 1 percent most cited in their respective field	5%
Percentage of total publications that are among the top 1 percent most highly cited papers	5%



MU Scores by Indicator since 2016-2017

US News - Best Global Universities Ranking

Mahidol University		2017-2018		2016-2017		2015-2016	
Rank		509		516		529	
Total Score (100)		Score by Indicators	estimated real scores	Score by Indicators	estimated real scores	Score by Indicators	estimated real scores
Teaching	25%						
Doctorate to bachelor awarded	2.25%	30	0.68	30	0.68	30.0	0.68
Doctorate awarded to academic staff	6%	17	1.02	17	1.02	14.0	0.84
Teaching reputation	10%	7	0.70	8	0.80	6.0	0.60
Institutional income to academic staff	2.25%	98	2.21	83	1.87	91.0	2.05
students to academic staff	4.5%	68	3.06	87	3.92	67.0	3.02
Research	30%						
Papers / academic and research staff (normalised)	7.5%	21	1.58	15	1.13	15.0	1.13
Research income / academic staff (normalised)	7.5%	36	2.70	29	2.18	37.0	2.78
Normalised citation impact	15%	3	0.45	5	0.75	5.0	0.75
Citations	30%						
Citation impacts	30%	34	10.20	33	9.90	28.0	8.40
Industry income	2.50%		1.50		1.23		1.65
Research income from industry to academic staff	2.50%	60	1.50	49	1.23	66.0	1.65
International outlook	7.5%						
International / academic staff	2.5%	32	0.80	30	0.75	28.0	0.70
International co-authorship / papers	2.5%	73	1.83	80	2.00	75.0	1.88
International / students	2.5%	20	0.50	20	0.50	21.0	0.53



NTU Ranking

2017	2016	Ranking
448	466	Overall
230	245	Field - Life Sciences
295	288	Field - Clinical Medicine
213	219	Subject - Pharmacology & Toxicology

NTU Ranking
Performance Ranking of Scientific Papers for World Universities

Home Background & Methodology Rankings FAQ Related Resources About Us

English (en-us)

Every October 10th National Taiwan University (NTU) Ranking publishes its latest overall, 6 field, and 14 subject rankings of world universities based on the performance of scientific papers.

Table 1 The Criteria and Indicators, and Their Respective Weightings, Used for the Overall Performance-Based Ranking

Criteria	2017 Overall Performance Indicators	Weighting	
Research productivity	Number of articles in the last 11 years* (2006-2016)	10%	25%
	Number of articles in the current year (2016)	15%	
Research impact	Number of citations in the last 11 years* (2006-2016)	15%	35%
	Number of citations in the last 2 years (2015-2016)	10%	
	Average number of citations in the last 11 years* (2006-2016)	10%	
Research excellence	h-index of the last 2 years (2015-2016)	10%	40%
	Number of Highly Cited Papers* (2006-2016)	15%	
	Number of articles in the current year in high-impact journals (2015-2016)	15%	

*Note: The timeframe of the three long-term indicators is consistent with that in ESI, providing cumulative data for the last 11 years.



URAP

World Ranking Indicators

URAP 2017-2018 World Ranking is based on 6 academic performance indicators. Since URAP is an academic performance based ranking, publications constitute the basis of the ranking methodology. Both quality and quantity of publications and international research collaboration performance are used as indicators. The indicators, the data sources, and the duration of coverage are summarized in the table below.

Indicator	Objective	Coverage	Source
Article	Current Scientific Productivity	2016	InCites
Citation	Research Impact	2012-2016	InCites
Total Document	Scientific Productivity	2012-2016	InCites
Article Impact Total	Research Quality	2012-2016	InCites
Citation Impact Total	Research Quality	2012-2016	InCites
International Collaboration	International Acceptance	2012-2016	InCites

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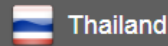


University Ranking by
Academic Performance

Homepage | 2017-2018 World Ranking | Previous Rankings | Symposium

You are here: [Homepage](#) / [Rank by Country](#) / Thailand

2017-2018 RANKING



RANKING : OVERALL

You need to upgrade your Flash Player

RANKING : OVERALL

Country Ranking	University Name	World Ranking	Category	Article	Citation	Total Document	AIT	CIT	Collaboration	Total
1	Mahidol University	443	A	69.68	66.96	32.62	56.80	45.76	49.82	321.64
2	Chulalongkorn University	482	A	68.25	65.61	32.46	57.55	46.47	48.45	318.79
3	Chiang Mai University	784	B++	65.63	64.00	31.03	54.81	45.12	46.75	307.34
4	King Mongkuts University of Technology	866	B++	64.69	63.65	31.29	54.70	45.09	45.99	305.41
5	Khon Kaen University	896	B++	64.51	63.77	30.68	54.58	45.10	46.19	304.84
6	Kasetsart University	924	B++	64.52	63.41	30.51	54.33	45.01	46.46	304.25
7	Prince of Songkla University	966	B++	64.15	63.62	30.44	54.34	45.05	45.87	303.47
8	King Mongkuts University of Technology Thonburi	1137	B+	57.73	63.07	30.08	54.04	45.00	45.17	295.10





CWTS Leiden Ranking 2017



List view



Chart view



Map view

Time period, field, and region/country

Time period: 2012–2015

Field: Biomedical and health sciences

Region/country: **Biomedical and health sciences**

- All sciences
- Biomedical and health sciences
- Life and earth sciences
- Mathematics and computer science
- Physical sciences and engineering
- Social sciences and humanities

Min. publication output:

Indicators

Type of indicators: Impact

Indicators: P, P(top 10%), PP(top 10%)

Order by: P

Calculate impact indicators using fractional counting

University	P	P(top 10%)	PP(top 10%)
1 Mahidol Univ	1560	85	5.5%
2 Chulalongkorn Univ	945	39	4.1%
3 Khon Kaen Univ	638	26	4.1%
4 Chiang Mai Univ	624	21	3.3%
5 Prince Songkla Univ	389	17	4.3%

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Improve University Ranking: Why & How?

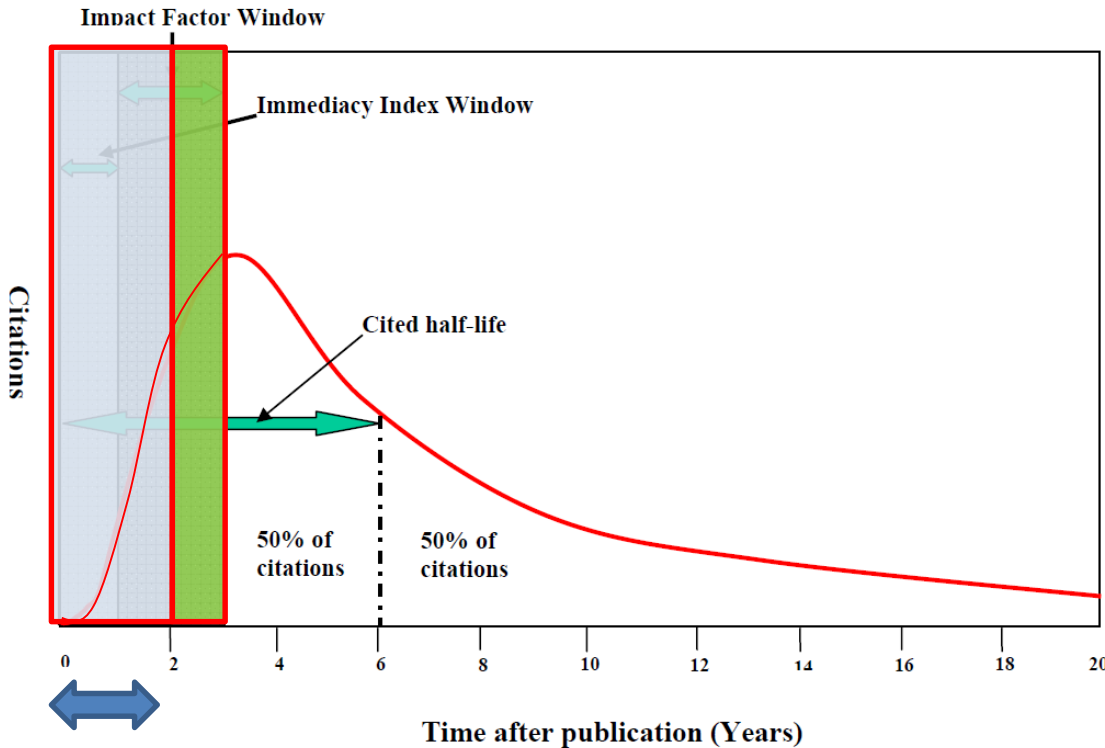


ศ. นพ. บรรจง มไหสวริยะ



Citation: Impact Factor

E.g. Journal impact factor for 2003....



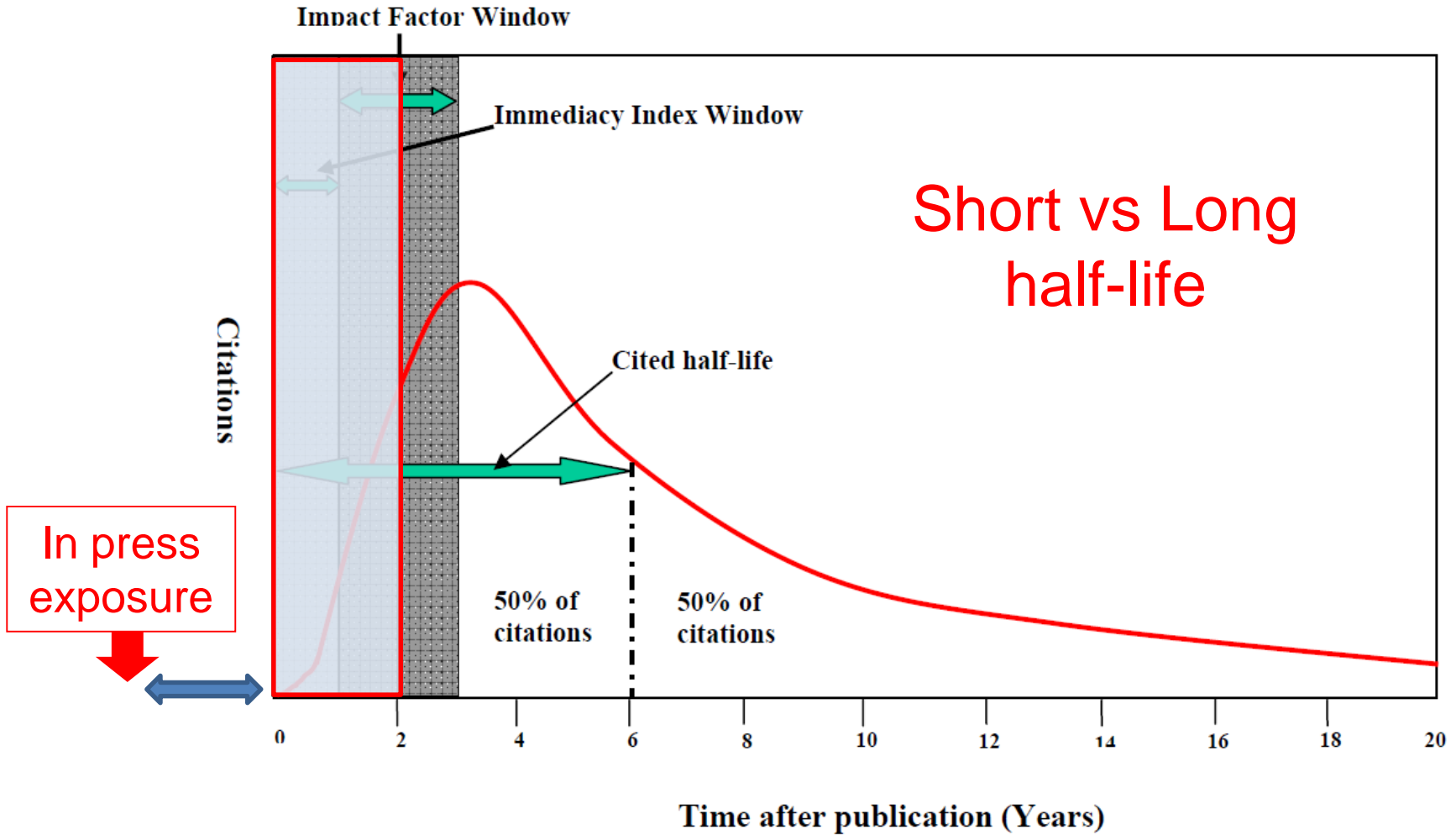
A = the number of times articles published in 2001-2 were cited in indexed journals during 2003

B = the number of "citable items" (usually articles, reviews, letters, proceedings or notes; not usually editorials, comments and letters-to-the-Editor) published in 2001-2

2003 impact factor = A/B

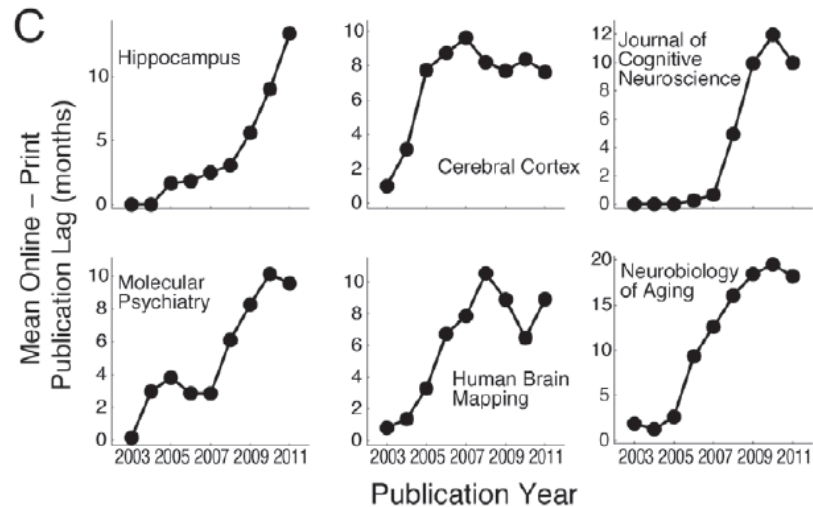
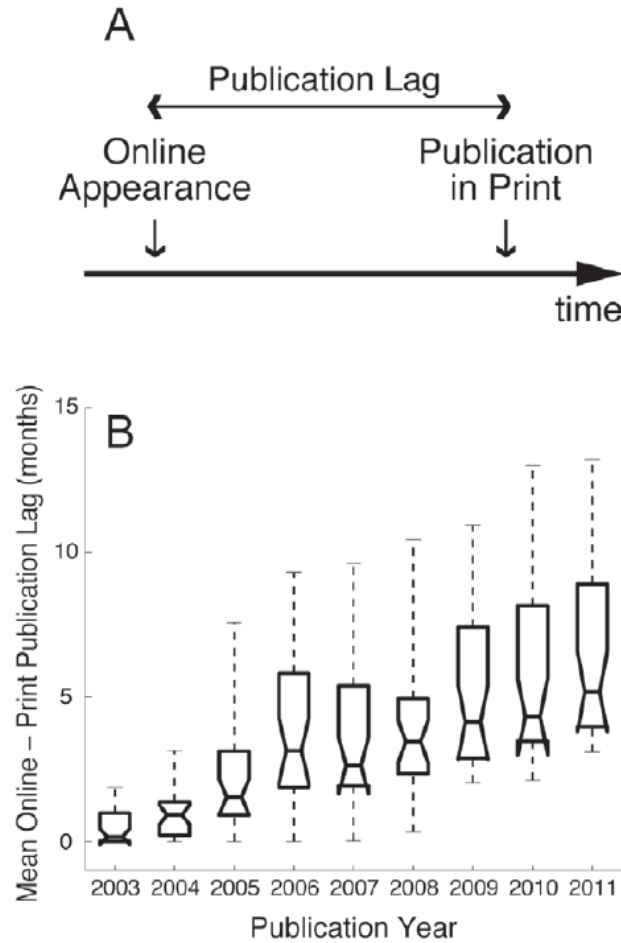


Generalized Citation Curve



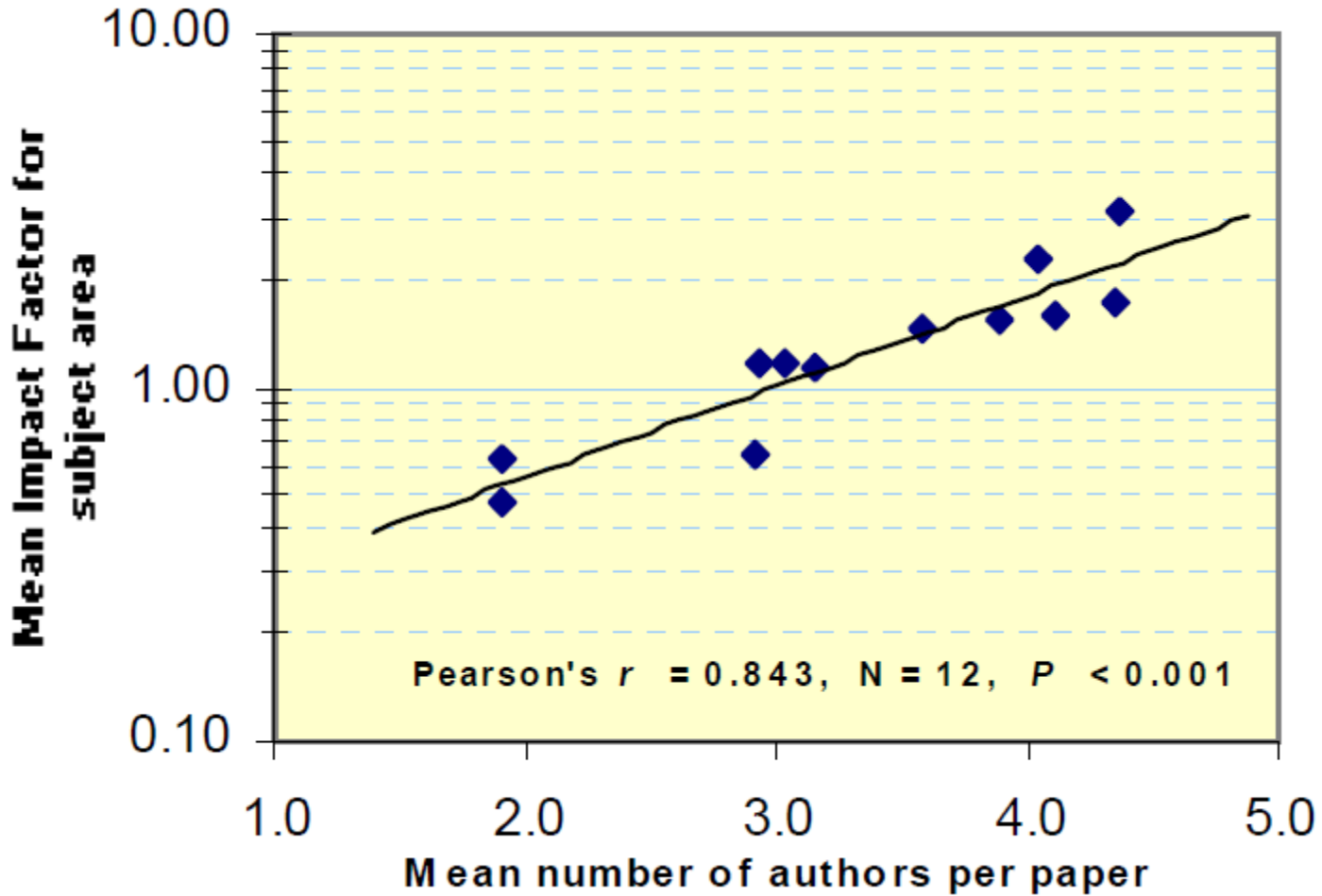


Online Appearance (In Press)



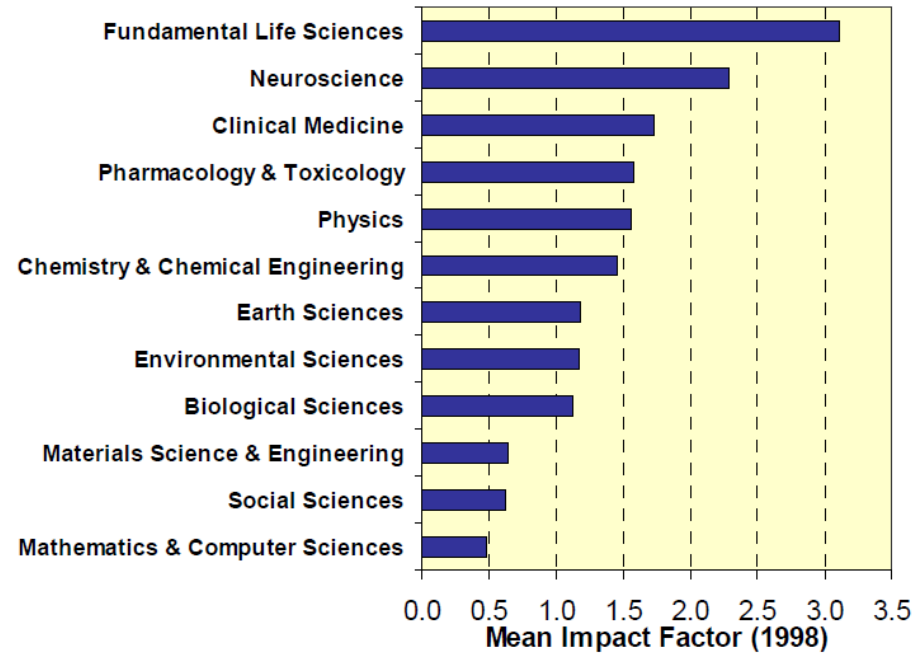
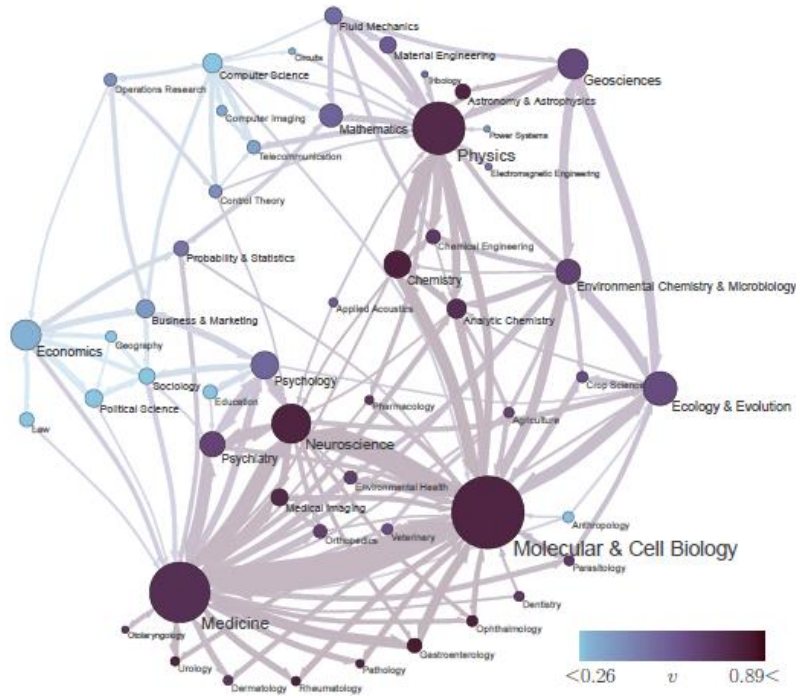


IF vs No. of Authors





IF vs Subject Variation





Collaboration & Citation



42.5%	International collaboration	3,689 publications (42.5%) were co-authored with Institutions in other countries Citations per Publication: 9.0
19.7%	National collaboration	1,713 publications (19.7%) were co-authored with other Institutions in Thailand, but not with Institutions in other countries Citations per Publication: 3.6
34.6%	Institutional collaboration	3,005 publications (34.6%) were co-authored with others at Mahidol University, but not with other Institutions Citations per Publication: 2.5
3.1%	Single authorship	271 publications (3.1%) were not co-authored but had a single author Citations per Publication: 2.9

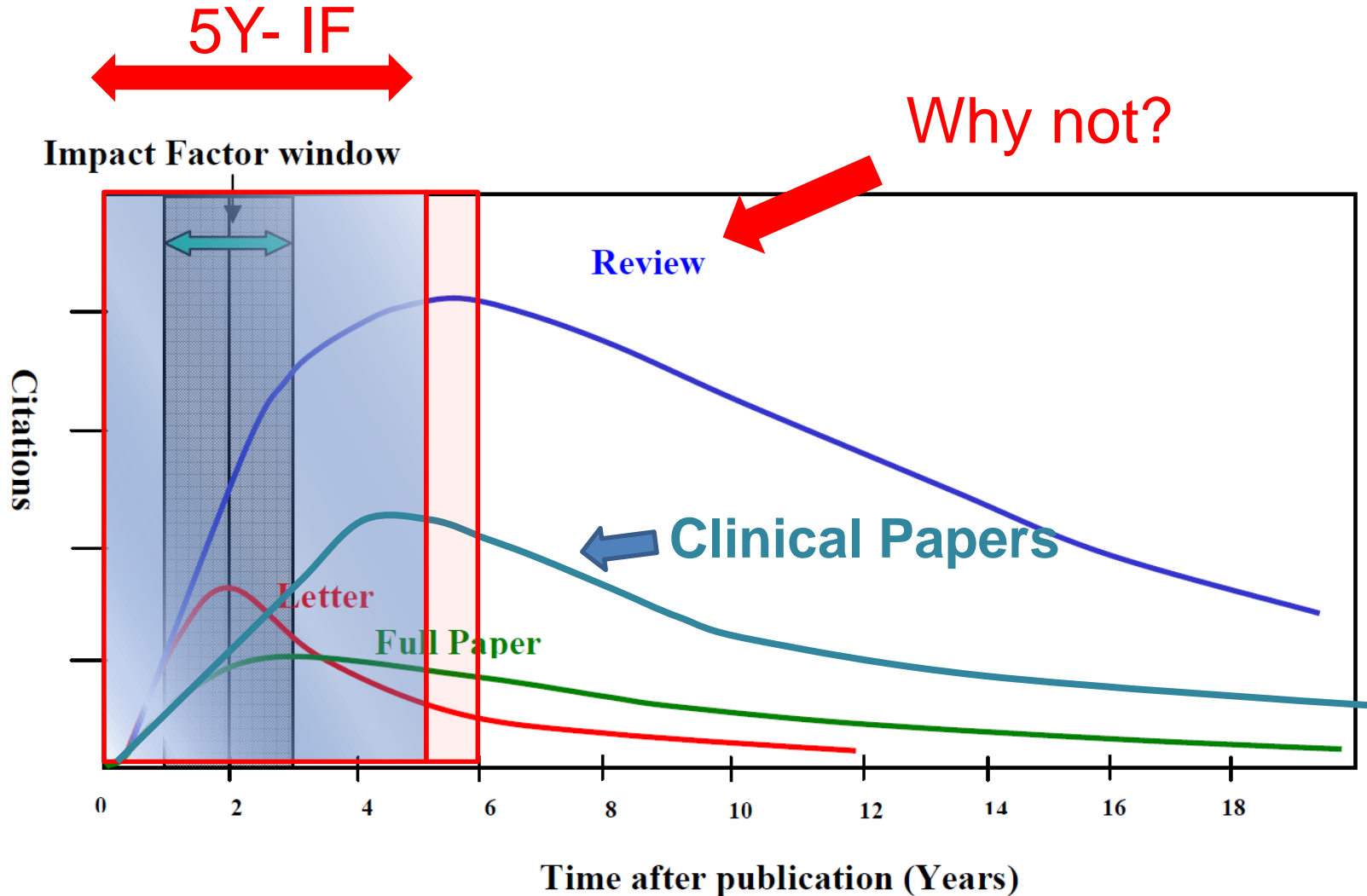
Academic-Corporate Collaboration



1.5%	Academic-corporate collaboration	130 publications (1.5%) had one or more authors with both academic and corporate affiliation Citations per Publication: 26.4
98.5%	No academic-corporate collaboration	8,548 publications (98.5%) did not have authors with both academic and corporate affiliation Citations per Publication: 5.2



IF vs Journal Type





Citation of MU Researches

Barriers

- ใม่สน (Ignorance)
- ใม่มี (Not publish)
- ใม่ดี (Poor paper)
- ใม่เห็น (Invisible)
- ใม่เด่น (Not impressive)
- ใม่ดัน (No boosting)

Strategy

- Inform/encourage
- Publish & publish
- Improve & mentor
- WOS & Scopus data
- Train & practicing
- Boosting & media

Just publish in high IF may not be sufficient !!

MEMS-based micropumps in drug delivery and biomedical applications

A Nisar, N Afzulpurkar, **B Mahaisavariya**... - Sensors and Actuators B ..., 2008 - Elsevier

This paper briefly overviews progress on the development of MEMS-based micropumps and their applications in drug delivery and other biomedical applications such as micrototal analysis systems (μ TAS) or lab-on-a-chip and point of care testing systems (POCT). The ...

☆ ๑๑ อ้างอิง 531 บทความที่เกี่ยวข้อง ทั้งหมด 7 ฉบับ

Review Article

Hemi-contralateral C7 transfer to median nerve in the treatment of root avulsion brachial plexus injury

P Songcharoen, S Wongtrakul, **B Mahaisavariya**... - The Journal of hand ..., 2001 - Elsevier

Because of the poor clinical results in achieving hand function in patients with complete brachial plexus root avulsion with other nerve transfers, we evaluated 111 patients prospectively to evaluate the technique of the hemi-contralateral C7 transfer to the median ...

☆ ๑๑ อ้างอิง 176 บทความที่เกี่ยวข้อง ทั้งหมด 9 ฉบับ

New Technique

Morphological study of the proximal femur: a new method of geometrical assessment using 3-dimensional reverse engineering

B Mahaisavariya, K Sitthiseripratip, T Tongdee... - Medical engineering & ..., 2002 - Elsevier

This study presents a new method of using computerized tomography images combined with the reverse engineering technique to obtain and analyse the three-dimensional inner and outer geometry of the proximal cadaveric femur. Three-dimensional models were ...

☆ ๑๑ อ้างอิง 144 บทความที่เกี่ยวข้อง ทั้งหมด 10 ฉบับ

Spinal accessory neurotization for restoration of elbow flexion in avulsion injuries of the brachial plexus

P Songcharoen, **B Mahaisavariya**... - Journal of Hand ..., 1996 - jhandsurg.org

Traumatic root avulsion brachial plexus injuries in 216 patients were treated with spinal accessory-musculocutaneous neurotization to restore elbow flexion. The average postoperative follow-up period was 6 years, with a minimum of 2 years for all patients. The ...

☆ ๑๑ อ้างอิง 157 บทความที่เกี่ยวข้อง ทั้งหมด 8 ฉบับ

Largest Case Series

Pentalateral osteotomy for cubitus varus: Clinical experiences of a new technique

..., **B Mahaisavariya**... - The Journal of ..., 1989 - online.boneandjoint.org.uk

Several methods for the correction of cubitus varus have been described, but most reported series are small and show a high rate of complications. We report a six-year personal experience of 77 osteotomies by a new technique which provides rigid fixation and allows ...

☆ ๑๑ อ้างอิง 89 บทความที่เกี่ยวข้อง ทั้งหมด 6 ฉบับ



Mahidol University

Wisdom of the Land

Increase Citation: General

- Type of paper
- Quality paper
- Present @ meeting
- Cite & you will be cited
- Right, fast & high IF journal
- Multiple authors/institutions
- Correct & consistent of names/institutions





Mahidol University

Wisdom of the Land

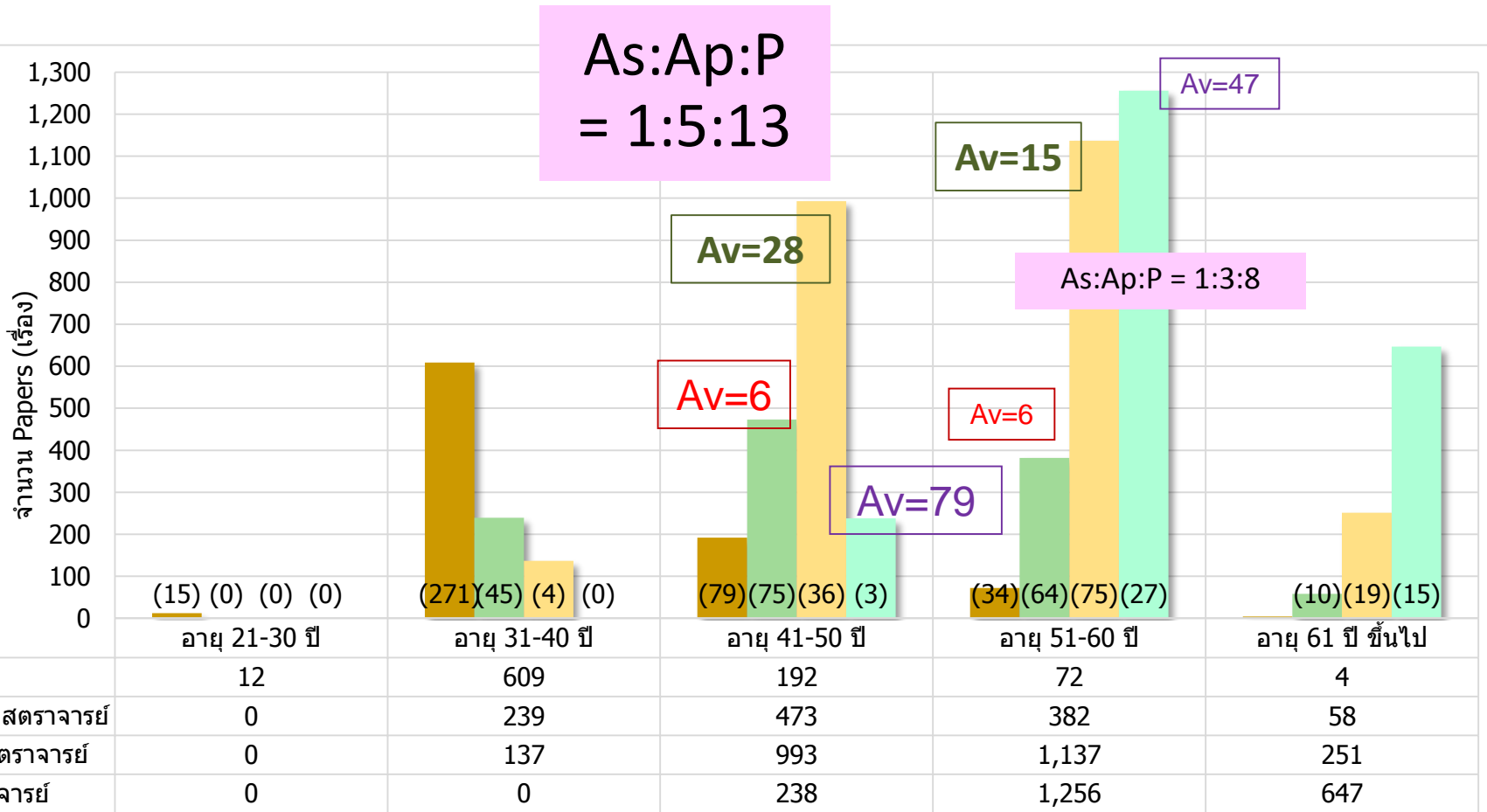
Increase Citation: Tips

- Make it open
- Effective key words
- Properly cite your works
- Publish across disciplines
- Paper with “callouts”/new terms
- Paper with new assessment/classification
- Promote your works through social media





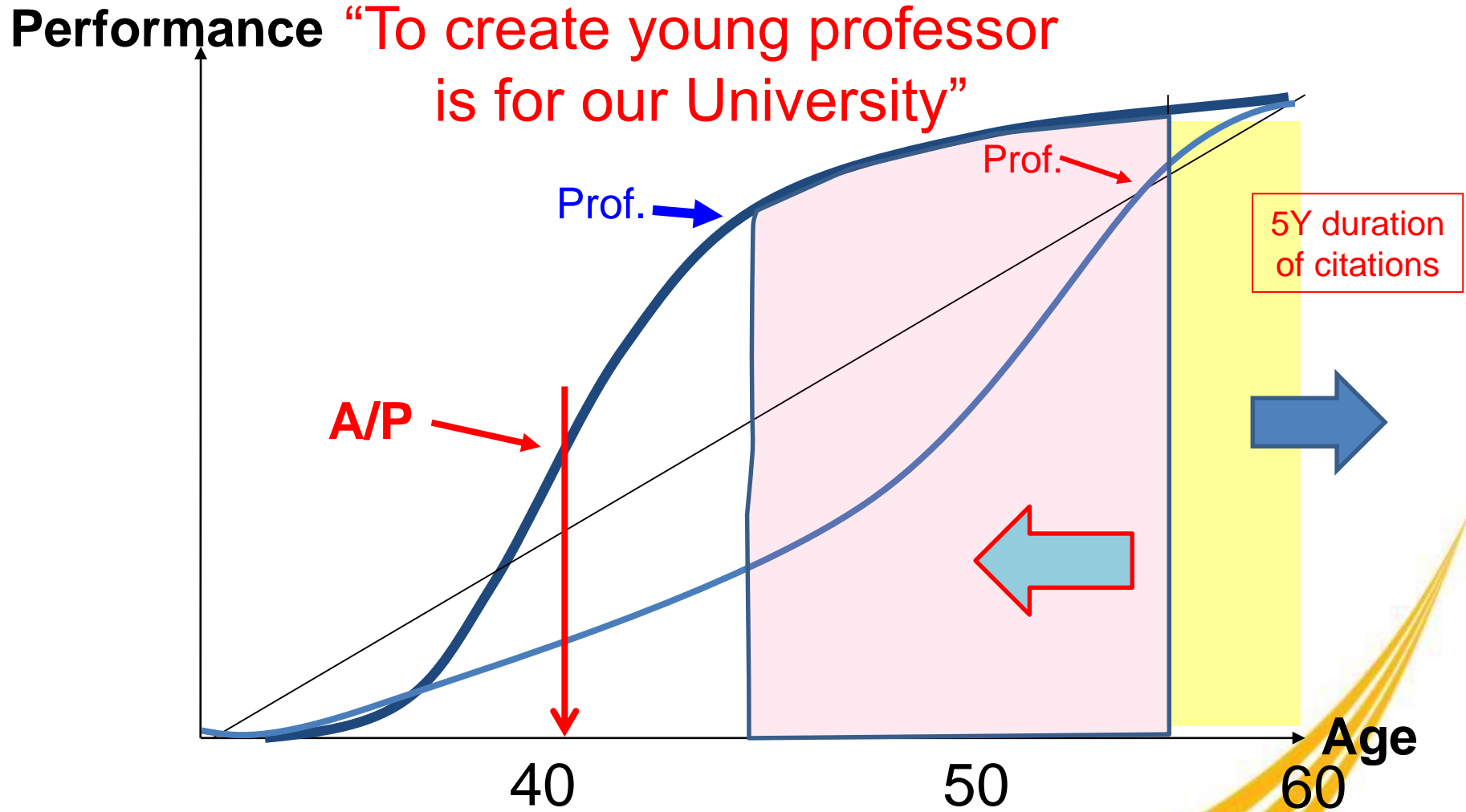
Academic Position vs Output



*หมายเหตุ: - สืบค้นข้อมูลผลงานตีพิมพ์ จากฐานข้อมูล Scopus ณ วันที่ 19 มกราคม 2559
- คำนวณอายุของบุคลากร ณ วันที่ 31 กรกฎาคม 2558



Performance Curve

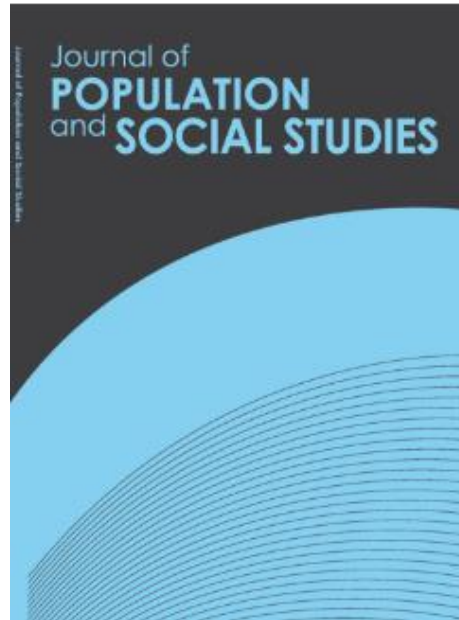


Strategy to improve performance & output



Mahidol University
Wisdom of the Land

Citation Count & Journal



Pharmaceutical Sciences Asia PSA

FORMER NAME "Mahidol University Journal of Pharmaceutical Sciences" Published Since 1974

Pharmaceutical Sciences Asia is indexed in SciFinder, Worldcat, Rikenbase, CAS, TCI(Group A), ACI and Scopus

JOURNAL TITLE CHANGE!! We would like to inform you about the title of our journal, which has previously been entitled "Mahidol University Journal of Pharmaceutical Sciences". The current title is "Pharmaceutical Sciences Asia".

Mahidol University Faculty of Nursing

Journal of Nursing Sciences



Mahidol University
Wisdom of the Land

International Collaboration & Joint Research Unit





University Ranking 2018

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Country Ranking	University Name	World Ranking
1	Mahidol University	445
2	Chulalongkorn University	497
3	Chiang Mai University	802



University	
1	Mahidol Univ
2	Chulalongkorn Univ
3	Chiang Mai Univ



World Ranking

87

Ranking in Thailand

1



#1	Mahidol University Thailand Salaya, Nakhon Pathom #494 (tied) – Best Global Universities	46.8 Global Score
#2	Chulalongkorn University Thailand Bangkok #548 (tied) – Best Global Universities	44.8 Global Score



World Rank	Institution*
501-600	Chulalongkorn University
501-600	Mahidol University
701-800	Prince of Songkla University
801-900	Chiang Mai University

NTU Ranking
Performance Ranking of Scientific Papers for World Universities

World Rank	University	Country
445	Mahidol University	Thailand
551-600	Chulalongkorn University	Thailand



Asia University Rankings

BRICS & Emerging Economies

