

**Indicadores por especialidades**
**Tabla 12. Listado de las 22 disciplinas de los Essential Science Indicators (ESI) donde publica la Universidad de Granada según su impacto normalizado (Crown) y número de trabajos citables Web of Science durante 2016-2020.**

Disciplina ESI Essential Science Indicators	Número Trabajos Citables		Impacto Normalizado	
	Quinquenio actual 2016-2020	Quinquenio anterior 2011- 2015	Quinquenio actual 2016-2020	Quinquenio anterior 2011- 2015
1 Clinical Medicine	▲	2362	▲	1,25
2 Social Sciences, general	▲	1269	▲	1,15
3 Physics	▼	1071	▲	2,61
4 Chemistry	▲	1066	▼	0,91
5 Environment/Ecology	▲	1042	▼	1,05
6 Geosciences	▲	951	▲	1,05
7 Engineering	▲	889	▲	1,33
8 Psychiatry/Psychology	▲	839	▲	0,93
9 Agricultural Sciences	▲	749	▲	1,37
10 Mathematics	▼	689	▼	1,03
11 Computer Science	▲	612	▲	2,32
12 Biology & Biochemistry	▲	520	▲	1,11
13 Plant & Animal Science	▲	440	▲	1,22
14 Pharmacology & Toxicology	▲	396	▲	1,30
15 Neuroscience & Behavior	▲	350	▲	1,01
16 Materials Science	▲	336	▲	0,93
17 Space Science	▲	328	▼	3,46
18 Economics & Business	▲	294	▲	1,76
19 Molecular Biology & Genetics	▲	249	▲	1,83
20 Microbiology	▲	139	▼	0,73
21 Immunology	▲	95	▲	0,98
22 Multidisciplinary	▲	20	▼	0,94

**Tabla 13. Evolución del número de trabajos citables en Web of Science de la Universidad de Granada para las 22 categorías de los ESI y el quinquenio 2016-2020.**

Disciplina ESI	Número de Trabajos Citables				
	2016	2017	2018	2019	2020
Clinical Medicine	406	417	462	508	569
Physics	242	206	203	213	207
Chemistry	213	192	211	214	236
Social Sciences, general	204	215	250	298	302
Geosciences	187	160	185	205	214
Engineering	174	148	153	204	210
Mathematics	129	123	113	147	177
Psychiatry/Psychology	126	155	152	194	212
Computer Science	121	92	115	138	146
Agricultural Sciences	118	134	139	174	184
Environment/Ecology	102	124	167	233	416
Space Science	90	45	43	59	91
Pharmacology & Toxicology	81	79	67	76	93
Neuroscience & Behavior	81	69	69	70	61
Biology & Biochemistry	75	100	94	121	130
Plant & Animal Science	74	94	83	101	88
Materials Science	56	45	59	90	86
Economics & Business	49	61	51	52	81
Molecular Biology & Genetics	45	51	49	52	52
Immunology	27	18	20	16	14
Microbiology	21	20	31	31	36
Multidisciplinary	2	6	4	2	6

**Tabla 14. Evolución del impacto normalizado de la Universidad de Granada para las 22 categorías de los ESI y el quinquenio 2016-2020.**

Disciplina ESI	Impacto Normalizado				
	2016	2017	2018	2019	2020
Clinical Medicine	1,11	1,15 ▲	1,55 ▲	1,29 ▼	1,14 ▼
Physics	3,81	1,83 ▼	3,09 ▲	1,87 ▼	2,27 ▲
Chemistry	1,03	0,98 ▼	0,92 ▼	0,86 ▼	0,80 ▼
Social Sciences, general	1,00	0,92 ▼	1,23 ▲	0,91 ▼	1,59 ▲
Geosciences	0,95	0,96 ▲	1,13 ▲	1,17 ▲	1,03 ▼
Engineering	1,03	1,15 ▲	1,90 ▲	1,43 ▼	1,17 ▼
Mathematics	0,90	1,03 ▲	1,05 ▲	1,19 ▲	0,97 ▼
Psychiatry/Psychology	0,73	0,83 ▲	0,79 ▼	1,12 ▲	1,05 ▼
Computer Science	1,93	2,29 ▲	2,45 ▲	2,05 ▼	2,82 ▲
Agricultural Sciences	1,29	1,47 ▲	1,30 ▼	1,35 ▲	1,40 ▲
Environment/Ecology	1,29	0,98 ▼	1,31 ▲	1,07 ▼	0,90 ▼
Space Science	6,98	3,73 ▼	2,08 ▼	1,57 ▼	1,72 ▲
Pharmacology & Toxicology	1,02	1,05 ▲	1,45 ▲	1,42 ▼	1,56 ▲
Neuroscience & Behavior	0,71	0,84 ▲	1,01 ▲	1,03 ▲	1,57 ▲
Biology & Biochemistry	0,95	1,38 ▲	1,13 ▼	1,11 ▼	0,98 ▼
Plant & Animal Science	1,04	1,10 ▲	0,99 ▼	0,92 ▼	2,07 ▲
Materials Science	0,79	1,02 ▲	0,83 ▼	0,86 ▲	1,13 ▲
Economics & Business	1,15	1,28 ▲	1,76 ▲	2,27 ▲	2,16 ▼
Molecular Biology & Genetics	0,79	1,13 ▲	2,60 ▲	3,31 ▲	1,20 ▼
Immunology	1,11	0,99 ▼	0,82 ▼	1,28 ▲	0,63 ▼
Microbiology	0,62	0,86 ▲	1,17 ▲	0,81 ▼	0,26 ▼
Multidisciplinary	1,29	0,87 ▼	0,72 ▼	0,73 ▲	1,31 ▲

Principales especialidades de Ciencia y Tecnología

Tabla 15. Indicadores bibliométricos para las categorías Web of Science más relevantes de la Universidad de Granada de Ciencia y Tecnología durante 2016-2020.

Ciencia y Tecnología	Número Trabajos Web of Science	Impacto Normalizado Crown	Porcentaje Colaboración Internacional	Porcentaje Primer Cuartil
ENVIRONMENTAL SCIENCES	1027 Rank1	0,96 ▼	49,17%	50,49%
NUTRITION & DIETETICS	678 Rank2	1,21 ▲	51,33%	57,43%
PHYSICS, PARTICLES & FIELDS	647 Rank3	2,85 ▲	91,65% Rank2	69,33% Rank 4
ASTRONOMY & ASTROPHYSICS	580 Rank4	3,11 ▲	91,72% Rank1	81,78% Rank 1
PUBLIC, ENVIR. & OCCUPATIONAL HEALTH	576 Rank5	1,16 ▲	47,40%	48,01%
COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE	543 Rank6	2,09 ▲	68,88%	68,68% Rank 5
BIOCHEMISTRY & MOLECULAR BIOLOGY	532 Rank7	0,97 ▼	58,27%	37,27%
MATHEMATICS	514 Rank8	1,23 ▲	53,31%	48,50%
GEOSCIENCES, MULTIDISCIPLINARY	484 Rank9	1,11 ▲	76,24% Rank 6	47,04%
MATERIALS SCIENCE, MULTIDISCIPLINARY	472 Rank10	0,85 ▼	56,78%	48,49%
CHEMISTRY, MULTIDISCIPLINARY	461	0,82 ▼	61,39%	30%
ENGINEERING, ELECTRICAL & ELECTRONIC	426	1,53 ▲	55,87%	47,37%
MATHEMATICS, APPLIED	416	0,90 ▼	50,96%	30,70%
SPORT SCIENCES	411	1,59 ▲	64,48%	38,54%
PHARMACOLOGY & PHARMACY	405	1,14 ▲	48,89%	41,06%
FOOD SCIENCE & TECHNOLOGY	399	1,51 ▲	50,88%	73,97% Rank 3
CHEMISTRY, PHYSICAL	354	0,67 ▼	59,32%	26,24%
NEUROSCIENCES	348	1,13 ▲	57,18%	33,96%
ONCOLOGY	295	1,45 ▲	61,36%	51,46%
CHEMISTRY, ANALYTICAL	281	0,96 ▼	43,06%	46,63%
COMP. SCIENCE, INTERDISCIP. APPLICATIONS	281	1,23 ▲	51,60%	33,98%
GREEN & SUSTAIN. SCIENCE & TECHNOLOGY	275	0,71 ▼	40%	30,22%
ENVIRONMENTAL STUDIES	267	1,12 ▲	38,20%	23,19%
COMPUTER SCIENCE, INFORMATION SYSTEMS	259	1,99 ▲	54,44%	54,80%
DENTISTRY, ORAL SURGERY & MEDICINE	234	1,47 ▲	53,42%	58,15%
GEOCHEMISTRY & GEOPHYSICS	234	1,09 ▲	87,61% Rank 4	43,02%
PHYSICS, APPLIED	219	0,90 ▼	59,36%	29,01%
ECOLOGY	215	1,36 ▲	66,51%	47,97%
PSYCHIATRY	207	1,60 ▲	59,42%	41,03%
ENGINEERING, CHEMICAL	201	0,94 ▼	50,25%	58,75% Rank 10
PHYSICS, NUCLEAR	201	4,88 ▲	90,55% Rank3	42,11%
ENGINEERING, CIVIL	198	0,94 ▼	35,86%	74,17% Rank 2
INSTRUMENTS & INSTRUMENTATION	198	0,87 ▼	55,56%	54,61%
MICROBIOLOGY	196	1,00 ▲	48,98%	43,45%
PLANT SCIENCES	184	1,00 ▲	51,09%	51,72%
ENGINEERING, ENVIRONMENTAL	179	0,77 ▼	51,40%	58,22%
ENDOCRINOLOGY & METABOLISM	175	1,16 ▲	58,86%	36,23%
PHYSICS, MULTIDISCIPLINARY	168	2,17 ▲	72,02% Rank 9	52,76%
WATER RESOURCES	168	1,11 ▲	52,98%	52%
COMPUTER SCIENCE, THEORY & METHODS	165	2,84 ▲	54,55%	64,55% Rank 7
STATISTICS & PROBABILITY	165	0,95 ▼	41,82%	44,25%
BIOTECHNOLOGY & APPLIED MICROBIOLOGY	163	1,03 ▲	57,06%	45,08%
CELL BIOLOGY	163	0,98 ▼	49,08%	31,25%
MINERALOGY	163	1,18 ▲	73,62% Rank 7	59,17% Rank 9
CHEMISTRY, APPLIED	159	1,01 ▲	52,20%	63,33% Rank 8
NANOSCIENCE & NANOTECHNOLOGY	156	0,97 ▼	66,67%	39,22%
CHEMISTRY, MEDICINAL	151	0,95 ▼	55,63%	51,52%
GENETICS & HEREDITY	150	2,89 ▲	72,67% Rank 8	49,15%
PSYCHOLOGY, EXPERIMENTAL	150	0,96 ▼	51,33%	30,48%
PSYCHOLOGY	144	0,97 ▼	44,44%	21,57%
METEOROLOGY & ATMOSPHERIC SCIENCES	143	1,16 ▲	76,92% Rank 5	67,74% Rank 6
ENGINEERING, BIOMEDICAL	135	1,17 ▲	57,04%	42,59%
PHYSIOLOGY	131	1,73 ▲	70,99% Rank 10	39,39%
CONSTRUCTION & BUILDING TECHNOLOGY	129	0,82 ▼	34,88%	56,99%

Principales especialidades Sociales y Humanidades

Tabla 16. Indicadores bibliométricos para las categorías Web of Science más relevantes de la Universidad de Granada de Sociales y Humanidades durante 2016-2020.

Ciencias Sociales y Humanidades	Número Trabajos Web of Science	Impacto Normalizado Crown	Porcentaje Colaboración Internacional	Porcentaje Primer Cuartil
PSYCHOLOGY, MULTIDISCIPLINARY	307 Rank 1	1,04 ▲	40,72%	13,72%
EDUCATION & EDUCATIONAL RESEARCH	216 Rank 2	1,14 ▲	24,54%	20,98%
INFORMATION SCIENCE & LIBRARY SCIENCE	180 Rank 3	1,81 ▲	35,00%	38,64%
ECONOMICS	173 Rank 4	1,1 ▲	38,73%	36,44%
MANAGEMENT	167 Rank 5	2,68 ▲	47,31% Rank 7	47,79% Rank 7
LANGUAGE & LINGUISTICS	142 Rank 6	0,52 ▼	14,79%	2,25%
LINGUISTICS	142 Rank 7	0,46 ▼	18,31%	10,58%
BUSINESS	141 Rank 8	1,68 ▲	45,39% Rank 9	25,29%
ARCHAEOLOGY	120 Rank 9	1,04 ▲	53,33% Rank 4	39,13%
HISTORY	102 Rank 10	1,06 ▲	13,73%	5,88%
SOCIAL SCIENCES, INTERDISCIPLINARY	102	2,44 ▲	44,12%	43,02% Rank 9
ANTHROPOLOGY	81	1,18 ▲	61,73% Rank 1	41,82%
HOSPITALITY, LEISURE, SPORT & TOURISM	81	1,46 ▲	30,86%	59,57% Rank 4
HEALTH POLICY & SERVICES	79	1,12 ▲	37,97%	15,25%
TRANSPORTATION	72	1,47 ▲	45,83% Rank 8	37,04%
PHILOSOPHY	67	1,17 ▲	13,43%	66,67% Rank 1
LITERATURE, ROMANCE	64	0,92 ▼	6,25%	---
SOCIOLOGY	63	0,81 ▼	17,46%	16,28%
COMMUNICATION	61	1,84 ▲	19,67%	27,27%
ART	59	2,02 ▲	15,25%	---
GEOGRAPHY	54	0,82 ▼	25,93%	30,23%
POLITICAL SCIENCE	54	1,08 ▲	14,81%	11,11%
REGIONAL & URBAN PLANNING	49	1,44 ▲	32,65%	42,42% Rank 10
ERGONOMICS	48	1,40 ▲	60,42% Rank 2	62,86% Rank 3
HUMANITIES, MULTIDISCIPLINARY	46	0,80 ▼	6,52%	---
LAW	40	1,04 ▲	10,00%	28,57%
RELIGION	35	1,59 ▲	2,86%	---
PUBLIC ADMINISTRATION	34	1,58 ▲	2,94%	4,55%
LITERATURE	32	1,04 ▲	3,13%	---
WOMEN'S STUDIES	32	1,47 ▲	34,38%	52,63% Rank 5
FAMILY STUDIES	31	1,17 ▲	45,16% Rank 10	50% Rank 6
URBAN STUDIES	31	1,40 ▲	38,71%	45% Rank 8
CRIMINOLOGY & PENOLOGY	30	0,69 ▼	36,67%	35,71%
LITERARY THEORY & CRITICISM	27	1,87 ▲	---	---
GERONTOLOGY	24	1,20 ▲	37,05%	64,71% Rank 2
BUSINESS, FINANCE	23	1,51 ▲	47,83% Rank 5	14,29%
PSYCHOLOGY, EDUCATIONAL	22	0,57 ▼	27,27%	11,11%
ARCHITECTURE	21	3,13 ▲	33,33%	---
SOCIAL ISSUES	21	1,48 ▲	47,62% Rank 6	28,57%
MEDIEVAL & RENAISSANCE STUDIES	20	0,61 ▼	5,00%	---
AREA STUDIES	19	0,28 ▼	31,58%	---
MUSIC	18	1,88 ▲	22,22%	---
SOCIAL SCIENCES, MATHEMAT. METHODS	18	0,42 ▼	55,56% Rank 3	35,71%