



2016 FACT FILE

## Universidad Complutense de Madrid (UCM)

This file and its content are  
under embargo until 6th  
September 2016 at 00:01 GMT

# Who Rules?

Join the #QSWUR debate from 6 September

**Universidad Complutense de Madrid (UCM)**

Spain



Focus:  
Comprehensive+

Research Intensity:  
Very High

Size:  
Very Large

Status:  
Public

Age Band:  
Historic

**2016 Overall Rank**

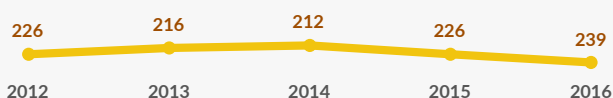
**239**

**Overall Score**

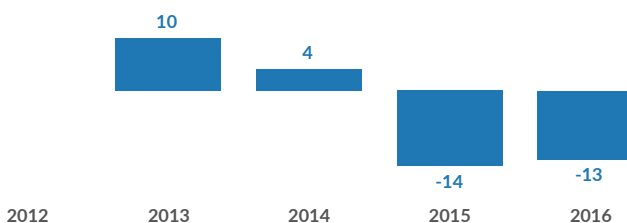
**42.1/100**

Since 2012 Universidad Complutense de Madrid (UCM) moved down 13 places.

**Overall Rank Evolution**



**Gains / Losses by Year**



**VALIDATED DATA**

This is the underlying data used for rankings calculations and has undergone extensive checking but this has become a vast exercise so if anything looks unexpected, please contact us as soon as possible at [rankings@qs.com](mailto:rankings@qs.com)

**Students & Faculty Staff**

|                        |        |
|------------------------|--------|
| Faculty Staff          | 4,647  |
| Total Students         | 72,654 |
| Graduate Students      | 12,554 |
| Undergraduate Students | 60,100 |
| International Faculty  | 67     |
| International Students | 9,697  |

The figures above are full time equivalent (FTE). In those cases where only the headcounts were available, the FTE was calculated by applying a ratio based on country or regional averages.

**Ratios**

|                                    |      |
|------------------------------------|------|
| Citations per Faculty (normalized) | 15.3 |
| Papers per Faculty (normalized)    | 4.5  |
| Citations per Paper (normalized)   | 3.4  |
| Faculty per 100 Students           | 6.4  |

**Research Output - Papers and Citations**

**Overall Research Output**

|                                      |         |
|--------------------------------------|---------|
| Citations                            | 101,665 |
| Citations (Excluding Self-Citations) | 72,491  |
| Citations (Normalized)               | 71,077  |
| Papers                               | 20,994  |
| Papers (Normalized)                  | 21,811  |

**Research Output by Faculty Area**

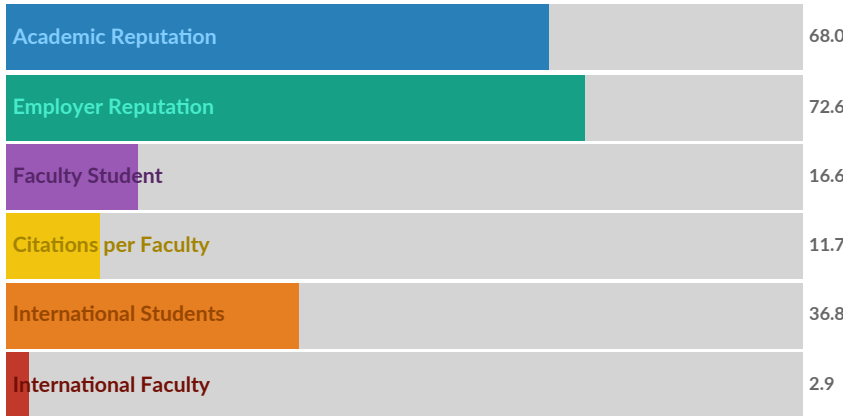
|                              | Papers | Citations |
|------------------------------|--------|-----------|
| Arts & Humanities            | 1,465  | 1,185     |
| Engineering & Technology     | 3,546  | 12,264    |
| Life Sciences & Medicine     | 10,723 | 44,502    |
| Natural Sciences             | 6,315  | 24,603    |
| Social Sciences & Management | 3,059  | 4,684     |

The research data used for the rankings is provided by Elsevier, from their Scopus database. Self-citations are excluded.

Five years of records are considered, comprising the 2011-2015 period for the 2016 rankings.

Since 2015, QS normalizes the paper and citation counts, ensuring a fair balance between citations achieved in each of the five broad faculty areas.

PERFORMANCE BY INDICATOR - YEAR 2016



Ranks by Indicator

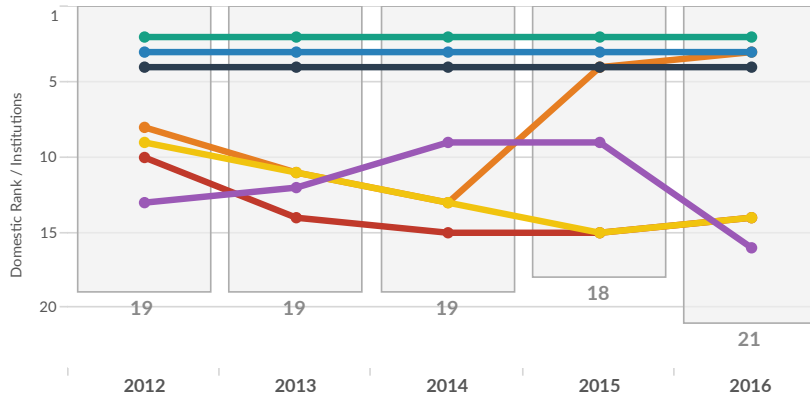
|                        |      |
|------------------------|------|
| Academic Reputation    | 122  |
| Employer Reputation    | 111  |
| Faculty Student        | 501+ |
| Citations per Faculty  | 501+ |
| International Students | 364  |
| International Faculty  | 501+ |

Empty records are due to missing data or a performance below the publication threshold for each indicator.

DOMESTIC PERFORMANCE



Performance of Universidad Complutense de Madrid (UCM) in Spain



The number at the bottom of the bar chart represents those institutions from Spain evaluated in each year. The lines depict the rank of Universidad Complutense de Madrid (UCM) in the country.

- Overall
- Academic Reputation
- Employer Reputation
- Faculty Student
- Citations per Faculty
- International Students
- International Faculty

Universidad Complutense de Madrid (UCM) - Rank in Spain - Evolution by Indicator

|                        | 2012 | 2013 | 2014 | 2015 | 2016 |
|------------------------|------|------|------|------|------|
| Overall                | 4    | 4    | 4    | 4    | 4    |
| Academic Reputation    | 3    | 3    | 3    | 3    | 3    |
| Employer Reputation    | 2    | 2    | 2    | 2    | 2    |
| Faculty Student        | 13   | 12   | 9    | 9    | 16   |
| Citations per Faculty  | 9    | 11   | 13   | 15   | 14   |
| International Faculty  | 10   | 14   | 15   | 15   | 14   |
| International Students | 8    | 11   | 13   | 4    | 3    |

Institutions Evaluated in Spain by Year

|      |    |
|------|----|
| 2012 | 19 |
| 2013 | 19 |
| 2014 | 19 |
| 2015 | 18 |
| 2016 | 21 |

Green colours indicate better results.

## RELEASE NOTES

**Following significant methodological developments in 2015, no dramatic changes have been made for 2016 and the overall results reflect this stability. The following adjustments have been made for 2016**

### RELEASE DATE CHANGE

Our team is constantly monitoring the market in order to choose launch times of maximum impact. This year, we had reason at comparatively short notice to believe that the rankings would have greater impact slightly earlier. As a result, **this year, the results will be published on 6th September**. We apologise for any inconvenience this may cause and are ready to field any questions or provide any needful materials over the course of the next few days.

### AFFILIATION CAP

In 2015 we implemented an affiliation cap, whereby papers with authors representing 10 or more affiliations were excluded altogether from our citations analysis. In response to feedback, we modified this approach for the QS World University Rankings by Subject earlier this year – applying a variable cap to ensure that no more than 0.1% of papers in any discipline be excluded. This approach has been rolled forward into the QS World University Rankings, essentially meaning that papers in say, Physics, will be accepted with a far higher number of affiliations than those in Accounting for example – more accurately reflecting the realities of research across different disciplines.

### FACULTY AREA RANKINGS

Since the first publication of the QS World University Rankings by Subject in 2011, we have fielded quite a lot of confusion about the differences and similarities between the faculty area tables and the subject tables. To clear this up, we will present both sets of results together this year, in Spring 2017.

### EXTENDED RANKINGS

This year the rankings are to be extended to 916 institutions from 891 – a net increase of 25 institutions. This continues an annual trend perhaps reflecting both increased interest in rankings participation and a general uplift in the global quality of universities. In order to ensure this trend can continue yet maintain a consistent measure for those already included, an adjustment has been made to the standardization method used for each indicator – locking the calculation of mean and standard deviation to the top 700 institutions in each indicator.

### ANNUAL LAUNCH EVENT

The annual QS World University Rankings event prior to EAIE traditionally heralds the results, this year the event will be different. We'll have the time to prepare for some more in depth analysis, and you'll have the time to absorb the results, and come armed with challenging questions. See you on September 13.

To view the complete rankings click on [http://bit.ly/QSWUR16\\_PR](http://bit.ly/QSWUR16_PR) which will be live on Tuesday 6th September. Check out the methodology to gain a greater insight on how the rankings are compiled

To request press releases or if you have any query pertaining the promotion of the QS World University Rankings 2016/2017, please contact [pressoffice@qs.com](mailto:pressoffice@qs.com)

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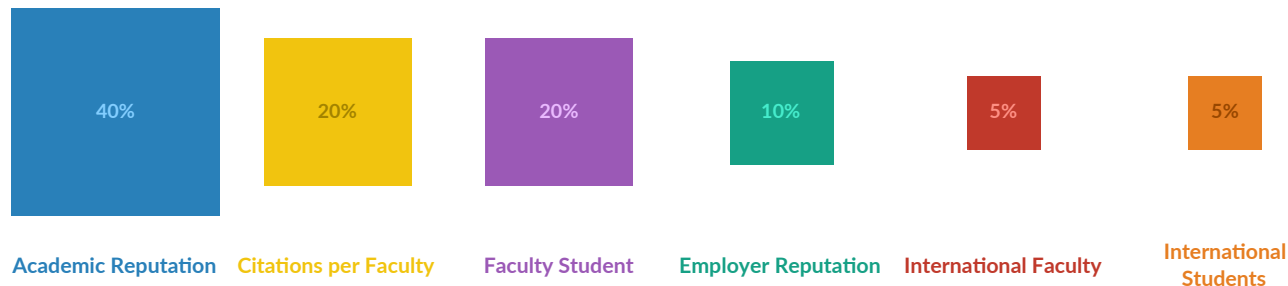
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**INDICATORS - WEIGHTINGS & DEFINITIONS**



|   |   |   |
|---|---|---|
| <p><b>Academic Reputation</b><br/>Taken from the annual survey conducted by QS designed to evaluate the perceptions of academics from around the world regarding the best institutions in terms of research. In 2016, nearly 75,000 responses were recorded globally.</p>   | <p><b>Employer Reputation</b><br/>Taken from the annual QS survey aimed at gathering the views of employers around the world on the institutions providing the best professionals. In 2016, about 37,800 responses were analysed.</p>             | <p><b>International Faculty</b><br/>The International Faculty Index is simply based on the proportion of faculty members that are international. It is a proxy measure for how internationally attractive the university is to academic staff. Universities based in locations known for attracting high proportions of expatriates perform well here such as those in Hong Kong, Switzerland and UAE.</p>                |
| <p><b>Citations per Faculty</b><br/>This ratio measures the average number of citations obtained per faculty member, and is an estimate of the impact and quality of the scientific work produced by universities. This indicator is calculated using data from Scopus. To avoid anomalous results, an affiliation cap is applied discarding papers with an unusually high number of affiliations. Self-citations are excluded and citation counts are normalized, ensuring that citations achieved in each of the five broad faculty areas are weighted equally.</p> | <p><b>Faculty Student</b><br/>This is the ratio between the number of academic staff and number of students. A higher number of teachers per student is an indirect indicator of the commitment of the institutions to high-quality teaching.</p> | <p><b>International Students</b><br/>Similar in nature to the International Faculty Index, the International Students Index is based on the proportion of students that are international. It is a proxy measure for how internationally attractive the university is to students. Attracting international faculty and students can be challenging for institutions that are more nationally or regionally focussed.</p> |

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**QS WORLD UNIVERSITY RANKINGS 2016/2017  
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