

2021 Latin America











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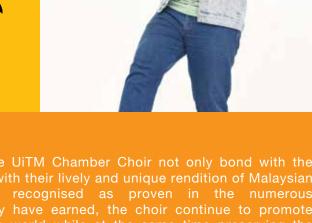












Every time they sing, the UiTM Chamber Choir not only bond with the audience but wow them with their lively and unique rendition of Malaysian classics. Internationally recognised as proven in the numerous international awards they have earned, the choir continue to promote justice and peace to the world while at the same time preserving the cultural heritage of Malaysia through music. One of their renowned signature songs is a choir remake of 'Ewa Bule' inspired by a Malay traditional choral singing known as 'Dikir Barat'.

these are the global goals / rewrite the possibilities, repurpose our creations.







Welcome

Welcome to the first of two Higher Education Reports for November, 2020. In this issue, we cover Latin America and look at the latest from the World University Rankings: Latin America Region 2021.

For me, this report and the rankings provide an important insight into the state of higher education in Latin America. Throughout my travels (when they were allowed), I was often surprised that when discussing higher education in the Southern Hemisphere, the region didn't come up as often as I would have expected. Most discussions, instead, focussed on the international education powerhouses, New Zealand and Australia.

There's a vibrant and rich history of research and innovation coming out of Latin America.

Readers of QS Global Education News and the soon to be rebranded WOWNEWS website, however, will be very aware of the vibrant and rich history of research and innovation coming out of Latin American institutions. We take the time to look at the Top Five universities in the region rankings and provide some more background on their work.

In this issue, we also look at some possible futures for medical education, off the back of the QS Subject Focus Summit - Medicine in August, looking at *Challenges and Opportunities in the Disruptive Era*.

As education continues to go digital, we also take a look at the results of QS' ongoing survey of academics, to understand their perspectives during this time.

There are some exciting announcements related to Latin America coming from QS very soon. We look forward to sharing them.

Until next time, stay safe.

Anton John Crace

Editor QS Quacquarelli Symonds





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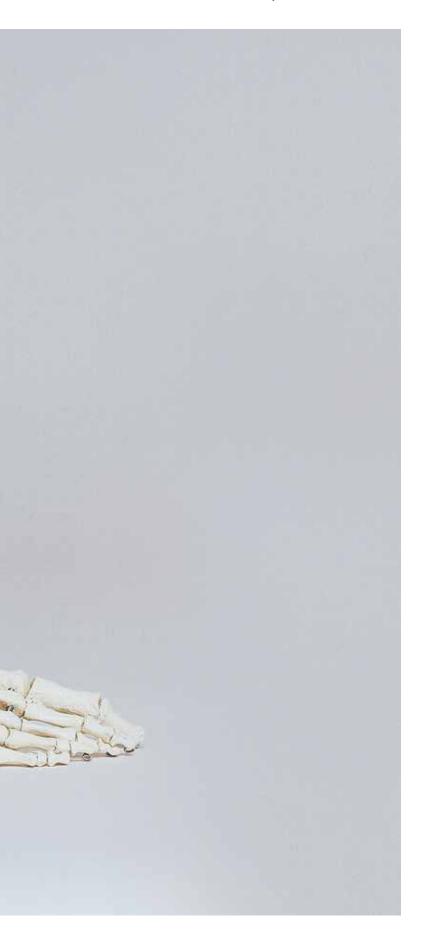
from higher education around the world!

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"Modern medicine has gone through major changes in the past 100 years," says Dr Charas Suwanwela, Professor Emeritus in Surgery (Neurosurgery) at Thailand's Chulalongkorn University.

"The first disruption can be traced back to Flexner in 1918, when the scientific basis of medicine was emphazised, and universities were given the duty of overseeing medical education instead of medical apprenticeship."

Medical education finds itself in a period of disruption. The past century has seen significant changes to the field, due to factors such as the explosion of medical knowledge and technologies in the 1960s, increased evidence-based practice, and commercialization and globalization.

Dr Suwanwela, however, says the 21st century's focus on soft skills as well as the sudden increase in the opportunities technology provide has profoundly impacted medical education.

"Digital transformation demands drastic changes in the medical care system as well as medical education," he tells.

Coupled with a period of uncertainty, the future of medical education is positioned to define the new normal.



Dissecting Medical Education

According to Dr Charles G Prober, Senior Associate Vice Provost for Health Education at Stanford University in the United States, outside of current global circumstances, medical education faces three major concerns: cost, route memory, and a focus on form over function.

In the US a medical degree can cost as much as US\$200,000, which Dr Prober says is unsustainable. The use of route memory, meanwhile, means medical students are not necessarily learning as effectively as possible.

"Students are expected to learn myriad facts often to put them into their memory banks and in doing so, it pushes out opportunities for different kinds of learning," Dr Prober tells QS.

"The number of facts which are appearing constantly are on an exponential pathway and there is no possibility that the human mind can consume all of these facts and put them into context."

Instead, Dr Prober says educations should fine-tune students' search capabilities as devices, as more information accessibility increases. Addressing both of these concerns, technology to pool resources could reduce costs and reduce the amount of resources used to redesign curriculum. Currently, notes Dr Prober, there are around 150 US institutions redesigning their curriculum, questioning the effectiveness of that process.

In disrupting medical education, however, Dr Prober says there needs to be consideration behind the reasons why changes are being made, and the implementation of a change for its own sake may not result in better learning outcomes.

"I'm not sure why we have so much focus on what the curricula actually looks like," he says.

"Making changes to curriculum is sort of like moving the deck chairs around the Titanic. It doesn't really amount to any difference in the ultimate outcome," he continues, adding it's more important instead to change what is taught and how it is delivered.



Post-COVID

Over the duration of *QS In Conversation*, which returned this year as live panels and podcasts, the prevailing message has been rather than a catalyst for change, COVID-19 has served largely as an accelerant. Several educators tell QS, ultimately, they moved their courses online faster than they had originally planned.

One example of pre-COVID innovation is the Sophya platform, created by medical doctor Vishal Punwani and PhD candidate Emma Giles, both at Harvard University, and borne out of the Harvard Innovation Labs. The project is described as the "Spotify of Education", aiming to deliver courses to students as they need them, rather the student searching for courses.

As well as having content seek out the learners, the platform also allows students to learn collaboratively and make notes on almost all content, such as videos. At the same time, the technology that powers student metrics to make

suggestions also provides better data and insight for educators.

Providing educators with a better understanding of the students' learning journey means they can make adjustments as needed. If students are stuck within a certain area, it can indicate the information may not be communicated effectively. At the same time, it can also highlight methods that have worked well.

"In the past, what we've done is just survey students at the end of a seven-week term," says Dr Adrienne Torda, Associate Dean of Education and Innovation at the University of New South Wales' Faculty of Medicine UNSW in Australia.

"Now you begin extracting data a lot quicker than that."

Dr Torda used the Sophya platform to co-create Preparation for Practice along with Dr Michelle Leech, Deputy Dean of the of Faculty Medicine Nursing and Health Sciences at Monash University, also in Australia. The course, developed in response to COVID-19, quickly upskills final year medical students for entry into clinical practice, and Dr Torda says putting the content online and available for other institutions increases efficiency within the medical education space.

For the benefits digital delivery provides, however, there are parts of learning it can't recreate, particularly medicine's more practical elements. Inserting a canula, a small, flexible tube placed in a vein to administer fluids or other medical devices, can't be replaced by the non-physical.

These limitations have been further exacerbated by the current social distancing measures and safety concerns. Education has continued without the physical elements, but students will need to be brought up to speed, Dr Torda notes.

"If students suddenly can all come back... then we have to do an intensive clinical teaching block to catch them up," she says.



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- . engineering & technology
- . information sciences & computing









NATIONAL UNIVERSITY



"We want to make sure that they know how to take a pulse, they know how to listen to a heart and a lung, and feel an abdomen."

Dr Torda tells QS she and others are confident medical students will not be left behind during this period and students will quickly complete their studies and graduate. Achieving this, she says, requires ongoing, adaptative planning for the months and potentially years ahead.

Looking backwards

"One of my personal mantras is never mistake the activity for the value proposition," says Ian Curran.

"If you look at innovations, technology is obviously always perceived as a key part of innovative transformation. If you think about the impact the internet has had, there's no question it's moved human society forward in many, many ways."

Curran, who has overseen significant change at Duke-NUS in Singapore through



his role as Vice Dean and Education Co-Director of the Academic Medicine Education Institute, echoes Dr Prober's comments on form over function and tells QS that educators must consider why there are implanting new technologies into their curriculum. Where change becomes disconnected from education principles, he says, things "go a little bit awry".

"In the last decade or so, where people have focused on really understanding the underpinning educational concepts, principles and pedagogical approaches, they've actually been able to leverage the technology to enhance learning," he says.

This focus on enhancing learning rather than replacing it, he continues, should be front of mind for educators, and they should avoid attempting only using digital to replicate traditional teaching techniques.

In the medical field, this becomes vitally important. Curran notes two thirds of errors and mistakes made by doctors, which can cause serious harm to patients, stem from generic professional capabilities, such as communication and situational awareness. These types of skills can't be learnt through knowledge acquisition and instead require interpersonal connections and techniques such as immersive simulation facilities.

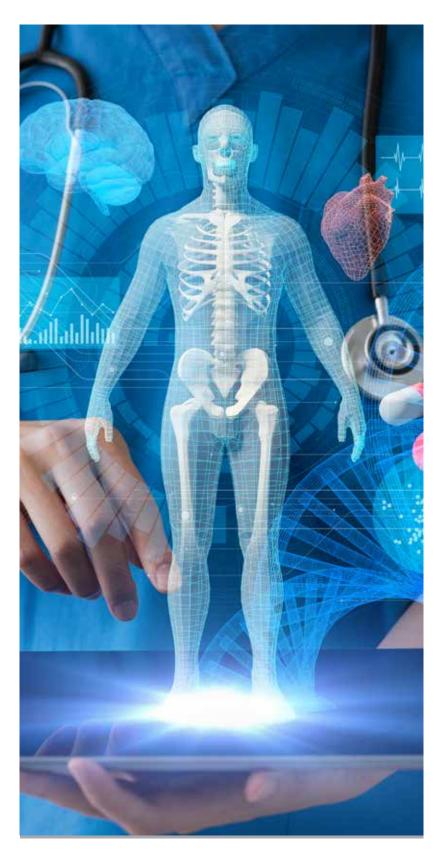
Using an immersive simulation, which itself may involve role-playing rather than a new technology, also allows medical students to safely undergo high-pressure situations and later evaluate through a debrief session.

Curran remains upbeat about the role of digital techniques and technologies in medical education and adds it's also a growing area for academic research. To fully benefit students and, in the long run, patients, there should be a justification for any change in medical education.

"If you can do it with a paper cup and an orange, do so. You can teach suturing on a cut on an orange skin," says Curran.

"If you want then to take that scenario and embellish it to have a patient interaction, you need then to think how do we do this with a more authentic and high fidelity approach.

"Like most things, it's a spectrum."





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Latin America Rankings Overview

By Dr Andrew MacFarlane, Rankings Manager, QS Quacquarelli Symonds

Welcome to the QS World University Rankings: Latin America Region 2021, our annual insight into the top performing institutions in the Latin America region.

We aim to provide students with our original data and insights to help empower them to make the best decisions for themselves. To do this, we rely on the support of institutions in the region to ensure their data is up-to-date, accurate and full. Many of the institutions we evaluated this year worked hard with us to verify data and check accuracy and we are grateful for these efforts. Our wish as we move ahead in the future is that

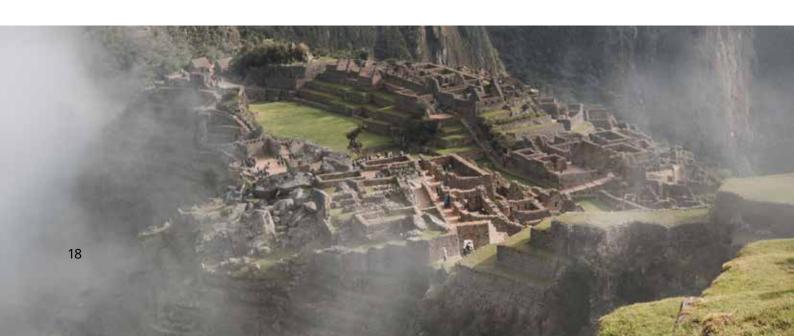
even more institutions from the region will recognize the value that rankings provides to students and work with us to help deliver these insights.

For the third subsequent year, Pontificia Universidad Católica from Chile and Universidade de São Paulo from Brazil are the Top Two in the ranking. Tecnológico de Monterrey from Mexico also demonstrates stability, securing last year's 'bronze' again.

This year's Top 20 features the same universities with the biggest improvement coming from Universidad de Chile, which is now fourth in the region. As ever, we strive to represent universities across the world and this year we have been able to rank 410 institutions.

There were 27 new entrants, with Mexico, Brazil and Bolivia making up the bulk with seven, five and four new institutions respectively. This increase is not only a result of more sustained efforts around data collection and institutional engagement, but a sign that absolute performance, in terms of reputation, research, and teaching is on the rise.

Encouragingly, we have seen an eight percent increase in papers and a 14 percent increase in citations this year.



This increase closely resembles the global growth in citations and papers. If we look at this by institution, the average citation increase in the Top 100 for the Latin America Region is 10 percent more than the previous year. In short, there is a clear trend in the region to intensify research, and this is having positive effects overall.

We have maintained a consistent methodology this year. This allows students and institutions alike to benchmark historical performance more easily. Therefore, we can begin to look at what the top performing institutions have in common, and some areas for growth from emerging institutions.

In line with any QS ranking, reputation forms a crucial component of the success of the top institutions.
Encouragingly from the region, we have seen solid year on year increases in the international nominations received in our Academic Reputation surveys. We saw an increase in academic nominations of eight percent

between our 2019 and 2020 ranking, and a further four percent increase between our 2020 and 2021 ranking. The majority of nominations in the region are coming from Social Sciences and Management, which when taken together with the strong increase in citations in this field, indicates a modest but improving focus from Latin America.

Reputation is a hard-earned metric that takes time to build and effort to nurture. Institutions that score well in this tend to have well-rounded faculty offerings, a strong culture of research, and well-established global partnerships. Institutions with strong scores in reputation also tend to score well in our other indicators, bolstering the unsurprising truth that well-rounded institutions offer high quality education to their students.

Equipping students for life after graduation is an especially important role for institutions, particularly as many students face uncertain futures.

In our annual *QS Global* Employer Survey, we looked at the skills most important to employers in the Latin America region, and the skills of graduates that they are most and least satisfied with. The most important skills were problem solving, communication, and team work. Employers were the least satisfied with graduates' commercial awareness. leadership and negotiations skills. Professional experience was the most sought after characteristic of the global employers we surveyed.

Of all the regions, responses from Latin America were the most positive about online learning to advance one's career. It is paramount that institutions prepare their students for the realities of the global workplace. By ensuring that work experience is woven into the fabric of their education, as well as integrating these soft skills into the learning experience, institutions will be supporting their students' futures in the region and beyond.



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The Web & Social Media Audit assess your institution on all of the following key features:

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Academic community



Industry



Prospective students

- Benchmarking
- Search Engine Optimisation (SEO)
- Visibility
- Google Analytics
- Mobile accessibility



COMMUNICATION STRATEGY

In addition to the Web & Social Media Audit, we can also audit your existing communication plan or develop a brand new communication strategy to help you enhance your brand even further.

METHODOLOGY:

INDICATORS & WEIGHTINGS

The **QS World University Rankings : Latin America** have been published since 2011. The method retains key indicators of the global ranking, such as Academic Reputation, Employer Reputation, and Faculty to Student Ratio, but also considers a set of performance metrics carefully tailored for the region.



Academic Reputation

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. This year, over 102,500 responses were recorded globally.



Employer Reputation

Taken from the annual QS survey aimed at gathering the views of employers around the world on the institutions providing the best professionals. This year around 52,000 responses were analysed.



Faculty Student

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.



Staff with PhD

This indicator attempts to assess the quality of training of the academic staff, detecting the proportion of them that have reached the highest level of education in their area of expertise. This is an indirect measure of the commitment of universities to high-quality teaching and research.



Citations per Paper

This ratio measures the average number of citations obtained per publication, and is a proxy of the impact and quality of the scientific work done by universities. Underlying data of papers and citations is indexed by Scopus. The paper and citations counts are normalized in an attempt to equalize the influence of citations across the five broad faculty areas.



Papers per Faculty

This indicator seeks to determine the average number of scientific publications (papers) produced per faculty and evaluates the productivity of research institutions. Data is extracted from Scopus. Indexed papers in the last five full years are used (from 2014 to 2018 for the 2021 edition). The paper count is normalized, ensuring that citations achieved in each of the five broad faculty areas are weighted equally.



International Research Network

Using data provided by Scopus, this indicator assesses the degree of international openness in terms of research collaboration for each evaluated institution. The Margalef Index, widely used in the environmental sciences, has been adapted to estimate the richness of the selected international research partners for a given institution.



Web Impact

This indicator seeks to assess the effectiveness with which institutions are making use of new technologies. Baseline information is provided by the Ranking Web of Universities (www.webometrics.info), although the results are refactored to exclude the Excellence indicator, which is already considered in the metrics related to scientific research.

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| | | | | nic | /er | / Sti | be | ns p | it | atio rk | Impa | _ |
| Σ. | 0 | | Country/ Territory | Academic | Employer Reputation | Faculty Student | Papers | Citations | Staff with PhD | International Network | h In | Overall |
| 2021 | 2020 | Institution Name | Col | Aca | Em | Fac | Рар | Citi | Sta | Inte | Web | ŏ |
| 1 | 1 | PONTIFICIA UNIVERSIDAD CATÓLICA DE CHILE | CL | 100.00 | 100.00 | 52.95 | 96.04 | 89.46 | 97.13 | 99.71 | 81.32 | 100.00 |
| 2 | 2 | UNIVERSIDADE DE SÃO PAULO (USP) | BR | 100.00 | 99.05 | 46.77 | 100.00 | 79.90 | 100.00 | 100.00 | 100.00 | 99.66 |
| 3 | 3 | TECNOLÓGICO DE MONTERREY (ITESM) | MX | 94.92 | 99.93 | 99.23 | 36.20 | 98.12 | 90.29 | 98.74 | 69.00 | 99.53 |
| 4 | 7 | UNIVERSIDAD DE CHILE | CL | 99.98 | 99.97 | 33.60 | 97.16 | 90.17 | 82.15 | 99.88 | 99.49 | 97.42 |
| 5 | 5 | UNIVERSIDADE ESTADUAL DE CAMPINAS (UNICAMP) | BR | 99.88 | 81.04 | 39.12 | 100.00 | 87.51 | 100.00 | 99.52 | 99.90 | 95.68 |
| 6 | 4 | UNIVERSIDAD DE LOS ANDES COLOMBIA | CO | 99.38 | 99.96 | 52.27 | 78.25 | 58.38 | 90.45 | 97.85 | 92.48 | 95.09 |
| 7 | 6 | UNIVERSIDAD NACIONAL AUTÓNOMA DE MÉXICO (UNAM) | MX | 100.00 | 99.97 | 85.58 | 37.17 | 49.35 | 70.04 | 99.99 | 100.00 | 94.13 |
| 8 | 8 | UNIVERSIDAD DE BUENOS AIRES | AR | 100.00 | 99.97 | 96.93 | 17.61 | 41.05 | 68.24 | 98.95 | 96.78 | 92.93 |
| 9 | 9 | UNIVERSIDADE FEDERAL DO RIO DE JANEIRO | BR | 99.29 | 61.30 | 38.19 | 96.75 | 71.36 | 100.00 | 99.71 | 99.99 | 89.24 |
| 10 | 10 | UNIVERSIDAD NACIONAL DE COLOMBIA | CO | 99.79 | 99.97 | 22.97 | 75.01 | 9.93 | 85.64 | 97.70 | 94.28 | 86.23 |
| 11 | 12 | UNIVERSIDAD DE CONCEPCIÓN | CL | 81.38 | 87.23 | 48.46 | 72.66 | 66.01 | 73.95 | 96.57 | 60.75 | 83.01 |
| 12 | 11 | UNIVERSIDADE ESTADUAL PAULISTA "JÚLIO DE MESQUITA FILHO" | BR | 88.52 | 54.26 | 51.44 | 99.98 | 44.35 | 100.00 | 99.10 | 98.59 | 82.79 |
| 13 | 14 | UNIVERSIDAD DE ANTIOQUIA | CO | 84.65 | 91.08 | 15.47 | 64.69 | 56.61 | 76.04 | 95.24 | 76.38 | 80.83 |
| 14 | 13 | UNIVERSIDAD DE SANTIAGO DE CHILE (USACH) | CL | 94.23 | 97.04 | 22.52 | 66.30 | 41.87 | 53.41 | 90.11 | 46.11 | 79.84 |
| 15 | 17 | UNIVERSIDADE FEDERAL DE MINAS GERAIS | BR | 88.22 | 29.54 | 38.14 | 94.94 | 66.26 | 100.00 | 98.92 | 95.38 | 77.83 |
| 16 | 18 | PONTIFICIA UNIVERSIDAD CATÓLICA DEL PERÚ | PE | 94.17 | 95.90 | 61.96 | 12.21 | 31.28 | 23.38 | 84.65 | 79.12 | 77.73 |
| 17 | 15 | PONTIFICIA UNIVERSIDADE CATÓLICA DO RIO DE JANEIRO - PUC - RIO | BR | 86.44 | 47.58 | 25.90 | 99.21 | 59.18 | 100.00 | 81.67 | 75.70 | 76.37 |
| 18 | 16 | PONTIFICIA UNIVERSIDAD JAVERIANA | CO | 93.16 | 99.22 | 20.75 | 43.19 | 24.91 | 28.72 | 92.44 | 61.89 | 75.14 |
| 19 | 19= | UNIVERSIDADE FEDERAL DO RIO GRANDE DO SUL | BR | 85.52 | 16.56 | 24.48 | 99.53 | 83.08 | 100.00 | 99.71 | 98.52 | 75.00 |
| 20 | 19= | UNIVERSIDAD DE COSTA RICA | CR | 85.45 | 88.75 | 61.72 | 13.59 | 46.95 | | 77.84 | 83.81 | 72.10 |
| 21 | 26 | UNIVERSIDAD NACIONAL DE LA PLATA | AR | 90.69 | 54.14 | 35.22 | 23.56 | 46.36 | 52.33 | 85.89 | 96.40 | 71.14 |
| 22 | 21 | PONTIFICIA UNIVERSIDAD CATÓLICA DE VALPARAÍSO | CL | 76.31 | 73.35 | 18.82 | 92.56 | 28.35 | 83.22 | 92.95 | 27.14 | 71.00 |
| 23 | 22= | UNIVERSIDADE FEDERAL DE SANTA CATARINA | BR | 68.83 | 20.87 | 46.41 | 93.74 | 60.60 | 100.00 | 98.51 | 98.97 | 70.06 |
| 24 | 24 | UNIVERSIDAD ADOLFO IBÁÑEZ | CL | 56.78 | 97.60 | 7.89 | 78.03 | 63.91 | 97.34 | 60.07 | 25.84 | 69.69 |
| 25 | 25 | INSTITUTO POLITÉCNICO NACIONAL (IPN) | MX | 71.36 | 91.60 | 32.97 | 44.87 | 40.77 | 20.82 | 97.20 | 58.90 | 69.07 |
| 26 | 30 | UNIVERSIDADE FEDERAL DE SÃO PAULO (UNIFESP) | BR | 51.53 | 16.78 | 99.96 | 87.20 | 88.13 | 100.00 | 85.32 | 40.69 | 67.41 |
| 27 | 28 | UNIVERSIDAD AUTÓNOMA METROPOLITANA (UAM) | MX | 79.09 | 54.59 | 16.54 | 38.21 | 31.41 | 94.08 | 81.38 | 68.95 | 67.19 |
| 28 | 22= | UNIVERSIDAD DE LA HABANA | CU | 66.29 | 71.06 | 92.91 | 20.62 | 17.11 | 72.22 | 77.55 | 24.33 | 67.17 |
| 29 | 29 | UNIVERSIDADE DE BRASILIA | BR | 77.90 | 25.87 | 33.39 | 68.45 | 24.96 | 100.00 | 98.65 | 90.01 | 67.00 |
| 30 | 33 | UNIVERSIDAD AUSTRAL | AR | 60.31 | 82.83 | 97.83 | 9.96 | 85.69 | 55.22 | 15.20 | 18.42 | 66.25 |
| 31 | 31 | UNIVERSIDAD NACIONAL DE CÓRDOBA | AR | 73.75 | 46.02 | 29.26 | 21.16 | 61.05 | 69.66 | 81.84 | 85.79 | 65.58 |
| 32 | 35 | UNIVERSIDADE FEDERAL DE SÃO CARLOS | BR | 55.69 | 21.08 | 46.49 | 99.82 | | 100.00 | 90.40 | 65.95 | 65.38 |
| 33 | 27 | UNIVERSIDAD FORCUATO DI TELLA | AR | 48.43 | 77.47 | 52.60 | 60.52 | 89.30 | 100.00 | 22.21 | 21.88 | 65.26 |
| 34 | 36 | UNIVERSIDAD DIEGO PORTALES | CL | 56.36 | 77.63 | 32.05 | 41.09 | 99.84 | 21.34 | 91.23 | 28.81 | 65.06 |
| 35 | 32 37 | UNIVERSIDADE FEDERAL DO PARANÁ (UFPR) UNIVERSIDAD TÉCNICA FEDERICO SANTA MARÍA | BR | 52.32 42.27 | 29.35 | 67.11 | 75.85 59.29 | 40.80 | 99.67 | 94.64 92.49 | 90.44 | 64.77 |
| 36 37 | | UNIVERSIDAD TECNICA FEDERICO SANTA MARIA UNIVERSIDAD DE PUERTO RICO | CL PR | 50.48 | 88.51 43.60 | 12.48 | 31.71 | 94.25 99.99 | 54.36 100.00 | 92.49 88.85 | 26.69 71.29 | 64.70 64.65 |
| 38 | 40 34 | UNIVERSIDAD AUSTRAL DE CHILE | CL | 58.49 | 43.60 | 20.97 | 86.70 | 60.46 | 95.47 | 96.63 | 47.41 | 63.74 |
| 39 | 42 | UNIVERSIDAD IBEROAMERICANA (UIA) | MX | 64.13 | 88.29 | 59.03 | 8.55 | 33.92 | 45.62 | 52.12 | 23.55 | 62.04 |
| 40 | 47 | UNIVERSIDAD DEL ROSARIO | CO | 50.86 | 86.36 | 86.58 | 35.61 | 33.06 | 40.30 | 52.12 | 38.94 | 61.94 |
| 41 | 43 | UNIVERSIDAD CENTRAL DE VENEZUELA (UCV) | VE | 70.53 | 89.84 | 35.86 | 7.86 | 31.30 | -0.50 | 71.89 | 37.66 | 59.60 |
| 42 | 39 | INSTITUTO TECNOLÓGICO AUTONOMO DE MÉXICO (ITAM) | MX | 56.30 | 90.54 | 35.98 | 21.18 | 23.30 | 86.53 | 31.28 | 27.86 | 59.44 |
| 43 | 46 | UNIVERSIDAD DE GUADALAJARA (UDG) | MX | 69.05 | 40.39 | 65.44 | 5.96 | 14.15 | 54.94 | 78.75 | 85.70 | 58.95 |
| 44 | 48 | UNIVERSIDAD AUTÓNOMA DE NUEVO LEÓN (UANL) | MX | 63.17 | 58.98 | 8.60 | 14.61 | 69.76 | 35.84 | 87.73 | 59.71 | 58.90 |
| | | PONTIFICIA UNIVERSIDAD CATÓLICA ARGENTINA SANTA MARÍA DE LOS | | | | | | | | | | |
| 45 | 44 | BUENOS AIRES (UCA) | AR | 68.47 | 89.37 | 100.00 | 2.73 | 6.82 | 24.14 | 11.19 | 33.76 | 58.68 |
| 46 | 45 | UNIVERSIDADE FEDERAL DO PERNAMBUCO | BR | 53.20 | 9.30 | 54.59 | 61.50 | 44.76 | 99.84 | 98.10 | 70.82 | 58.37 |
| 47 | 49 | UNIVERSIDAD DE LA REPÚBLICA (UDELAR) | UY | 66.79 | 57.94 | 45.52 | 12.10 | 53.68 | 21.27 | 86.41 | 16.61 | 57.92 |
| 48 | 62 | UNIVERSIDAD DE LA SABANA | CO | 57.37 | 91.75 | 48.93 | 16.78 | 26.49 | 16.51 | 35.87 | 29.62 | 54.60 |
| 49 | 38 | UNIVERSIDAD SIMÓN BOLÍVAR VENEZUELA | VE | 58.46 | 78.42 | 33.82 | 53.17 | 15.49 | 25.92 | 59.27 | 26.42 | 54.59 |
| 50 | 58 | UNIVERSIDAD DEL VALLE | CO | 66.76 | 62.69 | 24.08 | 28.65 | 26.71 | 39.94 | 51.38 | 33.95 | 53.78 |
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| | | | > | Reputation | Reputation | | ₹ | oer | | Research | | |
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| 2021 | 2020 | Institution Name | Col | Aca | Em | Fac | Рар | Cita | Stai | Inte | Web | ŏ |
| 51 | 53 | UNIVERSIDAD DE TALCA | CL | 42.55 | 40.50 | 20.03 | 77.48 | 53.84 | 75.89 | 83.84 | 32.65 | 53.59 |
| 52 | 50 | UNIVERSIDAD DE LAS AMÉRICAS PUEBLA (UDLAP) | MX | 32.49 | 57.66 | 59.79 | 22.03 | 56.15 | 98.96 | 39.85 | 36.16 | 53.52 |
| 53 | 41 | UNIVERSIDAD DE SAN ANDRÉS | AR | 29.12 | 70.94 | 86.70 | 24.88 | 31.17 | 96.61 | 15.70 | 18.49 | 51.85 |
| 54 | 60 | UNIVERSIDADE FEDERAL DO CEARÁ (UFC) | BR | 29.57 | 10.77 | 38.61 | 65.72 | 70.49 | 98.44 | 89.74 | 77.49 | 51.63 |
| 55 | 55= | PONTIFICIA UNIVERSIDADE CATÓLICA DO RIO GRANDE DO SUL | BR | 30.92 | 18.39 | 27.27 | 89.44 | 65.70 | 100.00 | 77.08 | 66.25 | 51.45 |
| 56 | 73= | UNIVERSIDAD PERUANA CAYETANO HEREDIA | PE | 40.18 | 38.49 | 96.59 | 20.93 | 98.36 | 6.41 | 63.44 | 7.02 | 51.33 |
| 57 | 63 | UNIVERSIDAD EAFIT | СО | 45.29 | 93.06 | 12.74 | 43.53 | 3.73 | 57.25 | 39.70 | 36.75 | 51.25 |
| 58 | 65 | UNIVERSIDAD DEL NORTE | CO | 37.88 | 64.68 | 32.03 | 30.65 | 12.50 | 65.54 | 79.99 | 52.38 | 51.14 |
| 59 | 51= | PONTIFICIA UNIVERSIDADE CATÓLICA DE SÃO PAULO (PUC-SP) | BR | 50.00 | 54.05 | 68.01 | 13.33 | 1.14 | 99.73 | | 73.72 | 50.70 |
| 60 | 54 | UNIVERSIDADE FEDERAL FLUMINENSE | BR | 35.28 | 11.82 | 36.51 | 58.55 | 30.29 | 100.00 | 96.99 | 94.10 | 50.61 |
| 61 | 51= | UNIVERSIDADE DO ESTADO DO RIO DE JANEIRO (UERJ) | BR | 36.59 | 20.92 | 45.22 | 57.33 | 21.94 | 100.00 | 88.39 | 66.94 | 50.57 |
| 62 | 73= | UNIVERSIDAD DE LA FRONTERA (UFRO) | CL | 35.70 | 20.01 | 9.62 | 95.70 | 77.74 | 83.72 | 79.50 | 41.29 | 50.24 |
| 63 | 59 | UNIVERSIDAD NACIONAL DE ROSARIO | AR | 69.23 | 32.72 | 54.73 | 5.70 | 33.57 | 5.35 | 63.88 | 60.74 | 49.99 |
| 64 | 69 | UNIVERSIDAD PONTIFICIA BOLIVARIANA | CO | 35.93 | 72.73 | 95.97 | 17.33 | 8.73 | 26.55 | 48.91 | 33.87 | 49.47 |
| 65 | 55= | UNIVERSIDAD DE SAN FRANCISCO DE QUITO | EC | 42.68 | 56.99 | 63.95 | 16.98 | 34.82 | 38.99 | 57.58 | 24.47 | 49.37 |
| 66 | 67 | UNIVERSIDAD DE LOS ANDES CHILE | CL | 48.66 | 68.52 | 29.02 | 44.03 | 36.58 | 43.42 | 36.74 | 13.58 | 49.31 |
| 67 | 70= | UNIVERSIDAD INDUSTRIAL DE SANTANDER | CO | 42.00 | 66.15 | 14.96 | 40.12 | 38.02 | 41.64 | 68.99 | 18.40 | 48.62 |
| 68 | 70= | UNIVERSIDAD ANDRÉS BELLO - UNAB | CL | 41.81 | 48.44 | 14.79 | 26.60 | 81.48 | 19.33 | 84.17 | 30.17 | 48.55 |
| 69 | 70= | TECNOLÓGICO DE COSTA RICA (TEC) | CR | 38.28 | 82.19 | 54.71 | 8.54 | 40.07 | 18.97 | 42.29 | 21.69 | 48.54 |
| 70 | 66 | UNIVERSIDAD AUTÓNOMA DEL ESTADO DE MÉXICO | MX | 75.35 | 33.58 | 16.57 | 12.25 | 16.90 | 43.24 | 43.13 | 55.52 | 48.16 |
| 71 | 61 | UNIVERSIDAD NACIONAL COSTA RICA | CR | 40.51 | 60.77 | 50.56 | 8.83 | 53.93 | 14.62 | 60.41 | 34.73 | 47.89 |
| 72 | 78 | UNIVERSIDADE FEDERAL DA BAHIA | BR | 32.79 | 8.54 | 29.82 | 50.36 | 32.79 | 99.97 | 91.59 | 90.24 | 47.41 |
| 73 | 79 | UNIVERSIDADE FEDERAL DE PELOTAS | BR | 14.68 | 3.19 | 66.91 | 76.36 | 73.03 | 100.00 | 75.07 | 59.40 | 46.70 |
| 74 75 | 64 | ESCUELA SUPERIOR POLITÉCNICA DEL LITORAL - ESPOL | EC | 37.69 | 51.67 | 55.22 | 18.11 | 20.68 | 36.54 | 76.76 | 33.10 | 46.47 |
| 75 76 | 82= 84 | UNIVERSIDAD DE LOS ANDES MÉRIDA UNIVERSIDAD CATÓLICA ANDRÉS BELLO - UCAB | VE VE | 50.49 73.63 | 58.84 91.56 | 45.32 8.72 | 11.30 2.12 | 6.26 | 22.50 6.14 | 58.89 | 44.76 19.87 | 46.36 46.33 |
| 76 77 | 68 | UNIVERSIDAD NACIONAL MAYOR DE SAN MARCOS | PE | 66.75 | 73.54 | 13.45 | 10.99 | 2.90 | 0.14 | 28.65 | 55.83 | 45.88 |
| 78 | 57 | INSTITUTO TECNOLÓGICO DE BUENOS AIRES (ITBA) | AR | 33.81 | 70.65 | 76.34 | 13.70 | 35.39 | 36.40 | 20.81 | 12.47 | 45.77 |
| 79 | 107= | UNIVERSIDAD DE PALERMO | AR | 42.11 | 36.23 | 99.27 | 2.98 | 37.35 | 54.14 | 14.22 | 29.64 | 45.27 |
| 80 | 103 | UNIVERSIDAD DEL DESARROLLO | CL | 23.79 | 57.99 | 34.44 | 17.43 | 99.68 | 17.35 | 57.58 | 28.50 | 45.19 |
| 81 | 81 | UNIVERSIDADE FEDERAL DO RIO GRANDE DO NORTE | BR | 19.15 | 6.61 | 23.90 | 68.67 | 62.13 | 99.79 | 90.75 | 71.32 | 44.96 |
| 82 | 82= | COLEGIO DE MÉXICO | MX | 53.27 | 13.11 | 100.00 | 27.05 | 2.60 | 95.07 | | 39.35 | 44.93 |
| 83 | 98= | UNIVERSIDAD PANAMERICANA (UP) | MX | 34.29 | 76.12 | 92.58 | 5.82 | 3.53 | 22.25 | 28.00 | 18.74 | 44.59 |
| 84 | 75= | UNIVERSIDAD ANAHUAC | MX | 40.75 | 80.61 | 84.09 | 3.32 | 2.15 | 25.74 | 6.05 | 21.09 | 44.58 |
| 85 | 85 | UNIVERSIDAD DE MONTEVIDEO | UY | 56.18 | 53.44 | 97.93 | 5.69 | | 23.73 | 5.39 | 13.45 | 44.40 |
| 86 | 104 | UNIVERSIDAD EXTERNADO DE COLOMBIA | CO | 45.18 | 91.34 | 51.54 | 5.11 | 1.01 | 21.78 | 2.25 | 24.99 | 44.17 |
| 87 | 91 | UNIVERSIDAD DE ORIENTE SANTIAGO DE CUBA | CU | 40.62 | 65.38 | 98.95 | 3.99 | 5.55 | 21.49 | 19.44 | 18.15 | 44.09 |
| 88 | 77 | UNIVERSIDADE FEDERAL DE VIÇOSA | BR | 25.14 | 6.31 | 41.11 | 98.00 | 32.69 | 100.00 | 72.67 | 50.14 | 44.03 |
| 89 | 93= | UNIVERSIDAD NACIONAL DEL LITORAL | AR | 48.56 | 15.21 | 6.05 | 34.76 | 85.65 | 36.31 | 67.90 | 26.40 | 43.39 |
| 90 | 80 | UNIVERSIDAD DE VALPARAÍSO | CL | 40.68 | 32.50 | 28.14 | 40.76 | 34.91 | 35.48 | 82.83 | 23.13 | 43.14 |
| 91 | 101= | UNIVERSIDAD ORT URUGUAY | UY | 45.67 | 54.00 | 99.79 | 5.82 | 24.30 | 14.03 | 4.32 | 16.59 | 42.96 |
| 92 | 89= | BENEMÉRITA UNIVERSIDAD AUTÓNOMA DE PUEBLA | MX | 57.75 | 24.19 | 16.51 | 15.45 | 13.64 | 40.75 | 75.75 | 39.62 | 42.66 |
| 93 | 95= | UNIVERSIDAD CATÓLICA DEL NORTE | CL | 24.12 | 15.34 | 18.67 | 74.76 | 91.35 | 53.27 | 76.38 | 29.46 | 42.55 |
| 94 | 106 | UNIVERSIDAD DE MONTERREY | MX | 45.13 | 46.68 | 36.65 | 9.02 | 4.19 | 79.25 | 23.33 | 16.80 | 41.50 |
| 95 | 135 | UNIVERSIDAD DEL PACIFICO | PE | 34.26 | 75.96 | 12.35 | 15.68 | 16.04 | 65.71 | 17.66 | 20.30 | 41.43 |
| 96= | 117 | UNIVERSIDAD NACIONAL DE CUYO | AR | 48.56 | 24.24 | 26.26 | 7.69 | 65.58 | 11.18 | 72.26 | 21.40 | 41.38 |
| 96= | 86 | UNIVERSIDADE ESTADUAL DE MARING Á | BR | 17.21 | 16.19 | 46.60 | 59.88 | 48.29 | 99.93 | 55.49 | 39.42 | 41.38 |
| 96= | 92 | UNIVERSIDADE ESTADUAL DE MARINGÁ | BR | 13.65 | 4.68 | 61.34 | 62.27 | 48.01 | 99.25 | 62.28 | 63.34 | 41.38 |
| 99 | 87 | UNIVERSIDADE FEDERAL DE JUIZ DE FORA | BR | 21.35 | 4.46 | 35.44 | 81.46 | 27.76 | 99.96 | 78.62 | 49.32 | 40.97 |
| 100 | 93= | UNIVERSIDADE FEDERAL DE JUIZ DE FORA | BR | 16.52 | 9.21 | 72.60 | 50.54 | 21.97 | 99.07 | 71.10 | 33.28 | 40.37 |
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| 2021 | 2020 | | unc | ade | nple | Faculty Student | Papers | Citations per | Staff with PhD | International Network | Web Impa | Overall |
| 70 | 20 | Institution Name | _ | | ъ | TO. | P | Ü | St | Ξž | ≥ | Ó |
| 101 | 105 | UNIVERSIDAD CATÓLICA DEL URUGUAY | UY | 37.92 | 45.59 | 100.00 | 6.25 | 11.83 | 13.94 | 24.24 | 21.48 | 39.75 |
| 102 | 100 | UNIVERSIDAD TECNOLÓGICA NACIONAL (UTN) | AR | 18.22 | 77.13 | 77.94 | 3.40 | 8.10 | 3.37 | 41.46 | 51.42 | 39.57 |
| 103 | 101= | UNIVERSIDAD ICESI | CO | 22.69 | 52.52 | 92.93 | 12.74 | 15.01 | 16.80 | 30.37 | 58.21 | 39.19 |
| 104 | 97 | UNIVERSIDADE FEDERAL DE GOIÁS | BR | 16.70 | 4.07 | 36.31 | 61.13 | 32.73 | 100.00 | 73.95 | 58.32 | 38.90 |
| 105 | 110= | UNIVERSIDAD DEL BIO-BIO | CL | 31.07 | 20.25 | 11.49 | 60.94 | 9.48 | 86.00 | 75.89 | 26.50 | 38.83 |
| 106 107 | 98= 107= | ESCUELA POLITÉCNICA NACIONAL UNIVERSIDADE FEDERAL DA PARAÍBA | EC BR | 24.66 16.03 | 31.33 10.58 | 63.20 38.48 | 28.77 50.70 | 19.27 21.38 | 45.66 100.00 | 69.03 76.22 | 22.10 54.51 | 38.71 38.57 |
| 107 | 116 | UNIVERSIDADE FEDERAL DE LAVRAS | BR | 14.52 | 6.82 | 26.14 | 97.05 | 29.30 | 100.00 | 74.74 | 43.69 | 38.55 |
| 109 | 75= | PONTIFICIA UNIVERSIDAD CATOLICA DEL ECUADOR | EC | 44.00 | 48.80 | 36.79 | 6.24 | 9.89 | 7.91 | 59.41 | 21.57 | 38.53 |
| 110 | 88 | UNIVERSIDAD AUTÓNOMA DE SAN LUIS DE POTOSÍ | MX | 31.43 | 6.58 | 19.48 | 49.34 | 54.43 | 55.34 | 81.77 | 28.37 | 38.51 |
| 111= | 95= | UNIVERSIDAD NACIONAL DEL SUR | AR | 28.62 | 10.88 | 24.07 | 42.11 | 47.03 | 73.77 | 72.78 | 18.53 | 38.32 |
| 111= | 107= | UNIVERSIDADE FEDERAL DE OURO PRETO | BR | 13.99 | 9.18 | 40.31 | 56.83 | 52.08 | 100.00 | 60.37 | 28.09 | 38.32 |
| 113 | 114 | UNIVERSIDADE FEDERAL DO ESPÍRITO SANTO | BR | 9.99 | 4.41 | 52.17 | 53.47 | 26.03 | 100.00 | 86.40 | 49.12 | 38.22 |
| 114 | 118 | UNIVERSIDADE FEDERAL DO ABC (UFABC) | BR | 8.55 | 3.28 | 23.64 | 90.50 | 64.73 | 100.00 | 71.45 | 30.09 | 37.97 |
| 115 | 120 | UNIVERSIDAD DE TARAPACA | CL | 14.73 | 10.25 | 5.70 | 96.67 | 64.75 | 64.02 | 89.45 | 26.32 | 37.73 |
| 116 | 112 | UNIVERSIDADE FEDERAL DE UBERLÂNDIA | BR | 14.15 | 6.74 | 34.66 | 54.49 | 22.65 | 100.00 | 87.14 | 39.35 | 37.43 |
| 117 | 115 | UNIVERSIDAD DE BELGRANO | AR | 33.70 | 57.16 | 99.63 | 2.56 | | 19.96 | | 16.24 | 37.12 |
| 118 | 129 | UNIVERSIDADE FEDERAL DO RIO GRANDE | BR | 6.75 | 1.14 | 49.34 | 53.70 | 62.10 | 99.63 | 68.82 | 22.33 | 36.69 |
| 119 | 89= | UNIVERSIDAD DE GUANAJUATO | MX | 31.39 | 9.60 | 33.62 | 34.84 | 53.61 | 33.53 | 70.64 | 33.12 | 36.51 |
| 120 | 136= | UNIVERSIDAD IBEROAMERICANA (UNIBE) | DO | 16.58 | 42.86 | 96.82 | 1.60 | | 98.56 | | 8.61 | 36.20 |
| 121 | 110= | UNIVERSIDAD NACIONAL DE MAR DEL PLATA | AR | 42.00 | 9.53 | 20.31 | 54.73 | 51.57 | 06.64 | 72.92 | 33.12 | 35.97 |
| 122 | 122 | UNIVERSIDADE FEDERAL DE CAMPINA GRANDE | BR CU | 14.36 23.35 | 2.44 63.43 | 80.93 85.46 | 55.57 4.87 | 3.48 | 96.61 11.10 | 48.04 | 54.33 | 35.78 |
| 123 124 | 130 126 | UNIVERSIDAD DE LAS CIENCIAS INFORMáTICAS (CUBA) UNIVERSIDAD TECNOLÓGICA DE PANAMÁ (UTP) | PA | 32.71 | 71.82 | 59.38 | 2.52 | 1.08 | 7.82 | 24.68 8.35 | 14.03 16.33 | 35.42 35.39 |
| 125 | 127 | PONTIFICIA UNIVERSIDADE CATÓLICA DO PARANÁ -PUCPR | BR | 15.93 | 11.07 | 12.69 | 40.55 | 55.11 | 85.77 | 58.72 | 45.27 | 35.04 |
| 126 | 113 | UNIVERSIDADE PRESBITERIANA MACKENZIE | BR | 15.81 | 37.18 | 26.17 | 22.00 | 51.52 | 53.95 | 42.39 | 34.48 | 34.92 |
| 127 | 144= | UNIVERSIDAD NACIONAL AGRARIA LA MOLINA | PE | 26.57 | 37.42 | 35.65 | 7.79 | 55.08 | 34.82 | 30.59 | 18.73 | 34.91 |
| 128 | 146= | UNIVERSIDAD MAYOR DE SAN ANDRÉS | ВО | 24.62 | 21.27 | 5.71 | 3.78 | 98.66 | 2.54 | 83.73 | 27.35 | 34.77 |
| 129 | 142= | UNIVERSIDAD DE ANTOFAGASTA | CL | 13.40 | 6.13 | 28.14 | 43.49 | 94.78 | 49.66 | 66.30 | 13.03 | 34.44 |
| 130 | 121 | UNIVERSIDADE TECNOLÓGICA FEDERAL DO PARANÁ | BR | 9.50 | 8.24 | 46.31 | 44.56 | 26.18 | 99.38 | 56.40 | 42.84 | 34.16 |
| 131 | 124= | UNIVERSIDADE FEDERAL DO PARÀ - UFPA | BR | 13.82 | 6.19 | 21.29 | 38.82 | 13.35 | 98.96 | 83.85 | 51.61 | 34.11 |
| 132 | | FEDERAL UNIVERSITY OF HEALTH SCIENCES OF PORTO ALEGRE (UFCSPA) | BR | 10.26 | 6.95 | 61.75 | 67.87 | 49.16 | 100.00 | 18.09 | 14.13 | 33.91 |
| 133 | 171-180 | UNIVERSIDAD DE LIMA | PE | 38.79 | 75.40 | 11.61 | 2.32 | | 8.77 | | 42.28 | 33.39 |
| 134 | 151-160 | UNIVERSIDAD DE LA SERENA | CL | 14.21 | 9.70 | 5.81 | 75.61 | 77.41 | 75.16 | 40.25 | 16.54 | 33.06 |
| 135 | 128 | UNIVERSIDAD NACIONAL DE SAN MARTÍN (UNSAM) | AR | 38.53 | 12.79 | 26.70 | 28.91 | 18.62 | 52.78 | 39.03 | 27.44 | 33.03 |
| 136 | 150= | UNIVERSIDADE FEDERAL DO TRIÂNGULO MINEIRO | BR | 3.72 | 3.85 | 84.76 | 38.60 | 34.89 | 99.90 | 40.31 | 16.68 | 33.02 |
| 137 | 131 136= | UNIVERSIDAD NACIONAL DE ASUNCIÓN UNIVERSIDAD VERACRUZANA | PY | 29.23 | 29.93 | 52.90 | 2.15 11.50 | 17.61 | 18.05 53.68 | 53.11 | 31.17 | 32.96 32.53 |
| 138 139 | 136= | UNIVERSIDAD VERACRUZANA UNIVERSIDADE DO VALE DO RIO DOS SINOS | MX BR | 35.37 12.82 | 12.83 13.60 | 27.80 32.77 | 54.46 | 4.89 24.89 | 95.80 | 47.42 26.40 | 61.03 55.15 | 32.53 32.37 |
| 140 | 150= | UNIVERSIDAD NACIONAL DE SAN LUIS | AR | 22.02 | 5.25 | 88.03 | 12.86 | 77.70 | 22.00 | 39.26 | 21.98 | 32.37 |
| 141 | 148 | UNIVERSIDAD AUTÓNOMA DE QUERÉTARO | MX | 21.39 | 14.15 | 23.18 | 24.84 | 66.69 | 61.73 | 31.28 | 21.12 | 32.22 |
| 142 | 140= | UNIVERSIDADE FEDERAL DE ALAGOAS | BR | 5.14 | 1.62 | 48.33 | 25.07 | 63.28 | 84.03 | 55.31 | 27.27 | 31.88 |
| 143 | 133= | UNIVERSIDAD CATÓLICA DE CÓRDOBA | AR | 20.73 | 9.92 | 55.74 | 5.20 | 47.29 | 91.35 | 9.68 | 9.39 | 31.62 |
| 144 | 123 | UNIVERSIDADE FEDERAL DE ITAJUBÁ | BR | 7.14 | 7.59 | 41.08 | 72.75 | 33.50 | 100.00 | 24.75 | 41.86 | 31.60 |
| 145 | 151-160 | UNIVERSIDAD ALBERTO HURTADO | CL | 31.44 | 24.09 | 9.91 | 74.47 | 4.77 | 74.70 | 14.04 | 18.70 | 31.52 |
| 146 | 151-160 | UNIVERSIDAD PERUANA DE CIENCIAS APLICADAS | PE | 30.85 | 62.12 | 14.35 | 3.43 | 28.68 | 4.57 | 14.39 | 21.20 | 31.37 |
| 147 | 151-160 | UNIVERSIDAD AUTÓNOMA DE BAJA CALIFORNIA | MX | 34.02 | 13.23 | 16.62 | 14.69 | 16.26 | 47.69 | 59.00 | 28.35 | 31.21 |
| 148 | 151-160 | UNIVERSIDAD DEL VALLE DE GUATEMALA (UVG) | GT | 22.05 | 4.20 | 84.52 | 6.66 | 99.35 | 9.15 | 10.72 | 12.06 | 31.00 |
| 149 | 151-160 | UNIVERSIDAD CENTRAL MARTA ABREU DE LAS VILLAS | CU | 20.96 | 2.35 | 99.99 | 6.50 | 20.27 | 39.70 | 40.81 | 27.33 | 30.74 |
| 150 | 124= | UNIVERSIDAD NACIONAL DE QUILMES | AR | 29.01 | 9.07 | 11.86 | 18.97 | 24.16 | 88.73 | 25.73 | 39.26 | 30.69 |
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| 151-160 151-160 151-160 151-160 151-160 151-160 151-160 151-160 161-170 | 07 07 191-200 161-170 171-180 181-190 132 161-170 161-170 138 142= 144= 191-200 191-200 | Institution Name UNIVERSIDAD DE SAN CARLOS DE GUATEMALA - USAC UNIVERSIDAD DEL ZULIA UNIVERSIDAD EL BOSQUE UNIVERSIDADE DO ESTADO DA BAHIA UNIVERSIDADE ESTADUAL DE PONTA GROSSA UNIVERSIDADE ESTADUAL DO OESTE DO PARANÁ UNIVERSIDADE FEDERAL DE ALFENAS UNIVERSIDADE FEDERAL DE MATO GROSSO UNIVERSIDADE FEDERAL DE MATO GROSSO UNIVERSIDADE FEDERAL DE SERGIPE (UFS) | ва ва во в р Country/Territory | 28.41 38.73 - | 21.88 40.63 23.99 | 60.53 84.41 | . Papers per Faculty | . 00. Citations per Paper | Staff with PhD | 10.95 International Research Network | . Web Impact | Overall |
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| 151-160 151-160 151-160 151-160 151-160 151-160 151-160 151-160 151-160 161-170 161-170 | 191-200 161-170 171-180 181-190 132 161-170 161-170 138 142= 144= 191-200 | UNIVERSIDAD DE SAN CARLOS DE GUATEMALA - USAC UNIVERSIDAD DEL ZULIA UNIVERSIDAD EL BOSQUE UNIVERSIDADE DO ESTADO DA BAHIA UNIVERSIDADE ESTADUAL DE PONTA GROSSA UNIVERSIDADE ESTADUAL DO OESTE DO PARANÁ UNIVERSIDADE FEDERAL DE ALFENAS UNIVERSIDADE FEDERAL DE MATO GROSSO | GT VE CO BR BR BR | 28.41 | 21.88 40.63 | - - 60.53 | 44.03 | 92.06 | | 26.01 | | |
| 151-160 151-160 151-160 151-160 151-160 151-160 151-160 151-170 161-170 | 171-180 181-190 132 161-170 161-170 138 142= 144= 191-200 | UNIVERSIDAD EL BOSQUE UNIVERSIDADE DO ESTADO DA BAHIA UNIVERSIDADE ESTADUAL DE PONTA GROSSA UNIVERSIDADE ESTADUAL DO OESTE DO PARANÁ UNIVERSIDADE FEDERAL DE ALFENAS UNIVERSIDADE FEDERAL DE MATO GROSSO | CO BR BR BR | 38.73 | | 60.53 | | | | 53.09 | - | |
| 151-160 151-160 151-160 151-160 151-160 151-160 151-160 161-170 161-170 | 181-190 132 161-170 161-170 138 142= 144= 191-200 | UNIVERSIDADE DO ESTADO DA BAHIA UNIVERSIDADE ESTADUAL DE PONTA GROSSA UNIVERSIDADE ESTADUAL DO OESTE DO PARANÁ UNIVERSIDADE FEDERAL DE ALFENAS UNIVERSIDADE FEDERAL DE MATO GROSSO | BR BR BR | - - - | 23.99 | | - | 86.33 | | | | - |
| 151-160 151-160 151-160 151-160 151-160 151-160 161-170 161-170 | 132 161-170 161-170 138 142= 144= 191-200 | UNIVERSIDADE ESTADUAL DE PONTA GROSSA UNIVERSIDADE ESTADUAL DO OESTE DO PARANÁ UNIVERSIDADE FEDERAL DE ALFENAS UNIVERSIDADE FEDERAL DE MATO GROSSO | BR BR BR | - | - | 01 11 | | | - | - | - | - |
| 151-160 151-160 151-160 151-160 151-160 161-170 161-170 | 161-170 161-170 138 142= 144= 191-200 | UNIVERSIDADE ESTADUAL DO OESTE DO PARANÁ UNIVERSIDADE FEDERAL DE ALFENAS UNIVERSIDADE FEDERAL DE MATO GROSSO | BR BR | - | | 04.41 | - | 95.04 | 45.09 | - | 38.80 | - |
| 151-160 151-160 151-160 151-160 161-170 161-170 | 161-170 138 142= 144= 191-200 | UNIVERSIDADE FEDERAL DE ALFENAS UNIVERSIDADE FEDERAL DE MATO GROSSO | BR | _ | - | 91.74 | 25.98 | 54.17 | 42.56 | 26.55 | 30.68 | - |
| 151-160 151-160 151-160 161-170 161-170 | 138 142= 144= 191-200 | UNIVERSIDADE FEDERAL DE MATO GROSSO | | | - | 99.24 | 35.77 | - | 97.99 | 23.10 | 21.56 | - |
| 151-160 151-160 161-170 161-170 | 142= 144= 191-200 | | BR | - | - | 70.09 | 54.65 | 33.69 | 100.00 | - | 18.32 | - |
| 151-160 161-170 161-170 161-170 | 144= 191-200 | UNIVERSIDADE FEDERAL DE SERGIPE (UFS) | | - | - | 53.91 | 39.34 | 16.17 | 99.98 | 44.57 | 43.53 | - |
| 161-170 161-170 161-170 | 191-200 | | BR | - | - | 45.49 | 40.38 | 22.35 | 98.05 | 51.23 | 32.20 | - |
| 161-170 161-170 | | UNIVERSIDADE FEDERAL DO MATO GROSSO DO SUL | BR | - | - | 72.44 | 31.09 | - | 94.78 | 51.53 | 24.82 | - |
| 161-170 | 191-200 | FUNDACIÓN UNIVERSIDAD DE BOGOTÁ-JORGE TADEO LOZANO | CO | 23.08 | 32.82 | 29.05 | 10.54 | 30.79 | - | 36.68 | 19.96 | - |
| | 454 460 | UNIVERSIDAD AUTÓNOMA DE CHILE | CL | 21.30 | - | - | 22.54 | 48.02 | - | 80.59 | 19.71 | - |
| 10 (-1/1) | 151-160 139 | UNIVERSIDAD AUTÓNOMA DE YUCATÁN UNIVERSIDAD CENTRAL DEL ECUADOR | MX EC | 25.20 33.34 | 36.45 | 37.73 | 36.79 | 25.48 13.37 | 83.27 | 23.79 33.89 | 28.23 | - |
| | 171-180 | UNIVERSIDAD DE MEDELLIN | CO | 31.06 | 39.75 | 37.73 | 24.17 | 13.37 | 32.16 | 26.22 | 18.16 | |
| | | UNIVERSIDAD LATINOAMERICANA DE CIENCIA Y TECNOLOGÍA COSTA | | | | - | 24.17 | | 32.10 | 20.22 | 10.10 | |
| 161-170 | 171-180 | RICA (ULACIT) | CR | 28.86 | 62.51 | 44.12 | - | | - | | - | - |
| 161-170 | 181-190 | UNIVERSIDAD METROPOLITANA | VE | 31.33 | 61.05 | - | - | | - | | - | - |
| 161-170 | 140= | UNIVERSIDAD NACIONAL DE TUCUMÁN | AR | 35.97 | - | - | 16.84 | 47.09 | | 66.57 | 29.40 | - |
| 161-170 | 161-170 | UNIVERSIDADE FEDERAL DO AMAZONAS | BR | - | - | 34.84 | 24.70 | - | 83.70 | 53.62 | 46.54 | - |
| 161-170 | 171-180 | UNIVERSIDADE FEDERAL RURAL DO RIO DE JANEIRO | BR | - | - | 55.06 | 49.95 | - | 100.00 | 38.19 | 18.82 | - |
| | 191-200 | UNIVERSIDAD AUTÓNOMA DEL ESTADO DE HIDALGO | MX | - | - | 91.66 | - | 21.46 | - | - | 25.04 | - |
| | 151-160 | UNIVERSIDAD AUTÓNOMA DEL ESTADO DE MORELOS | MX | - | - | - | 28.72 | 29.60 | 51.32 | 58.90 | 25.25 | - |
| | 181-190 | UNIVERSIDAD DE CÁRABOBO | VE | 21.26 | 40.81 | 42.44 | - 4 4 70 | 4470 | 32.80 | 25.11 | 20.48 | 7 |
| | 201-250 | UNIVERSIDAD DE MACALLANES (LIMAS) | CO | 55.87 | - | - | 14.72 | 14.73 | - | 20.40 | - | 7 |
| | 191-200 181-190 | UNIVERSIDAD DE MAGALLANES (UMAG) UNIVERSIDAD DE PIURA | CL PE | 25.48 | 10 06 | 60.89 | 25.94 | 86.05 | 49.69 | 38.49 | - | |
| | 161-170 | UNIVERSIDAD MICHOACANA DE SAN NICOLÁS DE HIDALGO | MX | 25.46 | 48.86 | | 27.64 | 27.36 | 54.91 | 62.30 | 31.97 | |
| | | UNIVERSIDAD NACIONAL DEL CENTRO DE LA PROVINCIA DE BUENOS | | | | | | | 34.51 | | | |
| 171-180 | 171-180 | AIRES | AR | 26.47 | - | 36.56 | 11.35 | 68.62 | | 33.58 | 47.23 | 7 |
| 171-180 | 161-170 | UNIVERSIDADE FEDERAL DO MARANHÃO | BR | - | - | 41.67 | 21.13 | 21.67 | 90.37 | 46.32 | 35.24 | - |
| 171-180 | 161-170 | UNIVERSIDADE FEDERAL DO PAMPA | BR | - | - | 58.93 | 34.40 | 22.18 | 99.39 | 30.62 | - | - |
| 181-190 | 181-190 | PONTIFICIA UNIVERSIDADE CATÓLICA DO CAMPINAS - PUC CAMPINAS | BR | 23.44 | - | - | 20.90 | - | 92.51 | - | 22.40 | - |
| | 201-250 | UNIVERSIDAD ARGENTINA DE LA EMPRESA -UADE | AR | - | 59.53 | 59.48 | - | | - | | - | - |
| | 181-190 | UNIVERSIDAD DE COLIMA | MX | - | - | - | 22.23 | 25.35 | 80.95 | 42.97 | 36.14 | 7 |
| | 161-170 | UNIVERSIDAD DE DANAMÁ (UD) | EC | 21.39 | - E0 41 | - | 14.61 | 64.55 | - | 56.59 | 18.39 | - |
| 181-190 | 149 | UNIVERSIDAD DE VALLE DE MEYICO (LIVM) | PA | 29.91 | 50.41 | - | - | 62.44 | - | - | - | |
| | 201-250 201-250 | UNIVERSIDAD DEL VALLE DE MEXICO (UVM) UNIVERSIDAD LA SALLE (ULSA) | MX MX | | 57.29 57.28 | 39.19 | - | 62.44 | - | - | | |
| 181-190 | 146= | UNIVERSIDADE DO ESTADO DE SANTA CATARINA | BR | - | - | 76.45 | 52.34 | - | 34.94 | 37.05 | 29.68 | |
| | 181-190 | UNIVERSIDADE ESTADUAL DO NORTE FLUMINENSE | BR | | | - | 96.62 | | 100.00 | 29.22 | - | |
| | 151-160 | UNIVERSIDADE FEDERAL DE SÃO JOÃO DEL-REI UFSJ | BR | - | - | - | 48.46 | 22.19 | 99.54 | 32.31 | 19.94 | - |
| | 201-250 | ESCUELA DE INGENIERÍA DE ANTIOQUIA - EIA | СО | - | 42.69 | 64.97 | 13.92 | 26.83 | - | - | - | - |
| | 201-250 | FUNDAÇÃO UNIVERSIDADE FEDERAL DO VALE DO SÃO FRANCISCO | BR | - | - | 78.27 | 24.21 | - | 86.43 | - | 18.73 | - |
| 191-200 | 191-200 | UNIVERSIDAD DE CARTAGENA | CO | - | 22.36 | - | 29.55 | - | - | 62.73 | - | - |
| 191-200 | 171-180 | UNIVERSIDAD DE LAS FUERZAS ARMADAS (ESPE) | EC | - | 36.23 | - | 16.00 | - | - | 44.32 | 28.35 | - |
| 191-200 | 201-250 | UNIVERSIDAD DE SANTANDER - UDES | CO | - | - | - | - | 100.00 | - | 27.15 | - | - |
| 191-200 | 171-180 | UNIVERSIDAD DE SONORA | MX | - | - | - | 18.38 | 14.94 | 71.80 | 28.74 | - | - |
| 191-200 | 201-250 | UNIVERSIDAD DEL CAUCA | CO | 34.56 | - | - | 17.99 | - | - | 40.80 | 25.15 | - |
| | 201-250 | UNIVERSIDAD DEL TOLIMA | CO | - | - | 99.91 | - | 60.54 | - | - | - | - |
| | 191-200 | UNIVERSIDAD NACIONAL DEL COMAHUE | AR | 21.61 | - | - | - | 44.80 | | 68.72 | 29.51 | - |
| | 191-200 | UNIVERSIDADE DE CAXIAS DO SUL | BR | - | - | - | 38.91 | 57.24 | 73.96 | - | 24.91 | - |
| 191-200 | 201-250 | UNIVERSIDADE FEDERAL DOS VALES DO JEQUITINHONHA E MUCURI | BR | - | - | 73.66 | 25.54 | 13.09 | 96.59 | - | 18.52 | - |

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|---|--------------------|--------------------|--|--------------------|---------------------|------------|-----------------|----------------|--------------------|----------------|--------------------------|----------------|---------|
| | | | | > | Academic Reputation | Reputation | | <u>4</u> | per | | Research | | |
| | | | | Country/ Territory | put | put | ent | per Faculty | ⁻ Paper | Ω | l Re | | |
| | | | | Ter | c Re | | Faculty Student | er F | ber: | Staff with PhD | International Network | act | |
| | | | | try/ | emi | Employer | ty S | rsр | Citations | wit | nati ork | Web Impact | ≡ |
| | 2021 | 2020 | | onu | cad | Idm | acul | apers | itati | taff | Internati Network | /eb | Overall |
| | 201-250 | ∼ 301-350 | Institution Name FUNDACIÓN UNIVERSITARIA KONRAD LORENZ | СО | ⋖ | ш | ш | 21.76 | 77.17 | S | <u> </u> | > | O |
| | | | INSTITUTO FEDERAL DE EDUCAÇÃO, CIÊNCIA E TECNOLOGIA DO PARANÁ | | - | - | - | 21.76 | | - | - | - | |
| | 201-250 | 251-300 | - IFPR | BR | - | - | 87.29 | - | 28.26 | 45.77 | | | - |
| | 201-250 | 201-250 | INSTITUTO TECNOLÓGICO DE SANTO DOMINGO (INTEC) | DO | - | 41.79 | 47.27 | - | | - | - | - | - |
| | 201-250 | 201-250 | INSTITUTO TECNOLÓGICO DE SONORA (ITSON) | MX | - | 47.00 | 40.56 | - | 62.92 | - | - | - | - |
| | 201-250 201-250 | 201-250 201-250 | PONTIFICIA UNIVERSIDAD CATOLICA MADRE Y MAESTRA PONTIFICIA UNIVERSIDADE CATÓLICA DO MINAS GERAIS - PUC MINAS | DO BR | - | 47.93 | 40.56 | 10.39 | | 72.74 | - | 29.03 | |
| | 201-250 | 251-300 | THE UNIVERSITY OF FORTALEZA-UNIFOR | BR | - | - | - | 25.10 | 47.45 | 56.51 | 50.26 | 21.43 | |
| | 201-250 | 181-190 | UNIVERSIDAD ANTONIO NARIÑO (UAN) | СО | - | - | 39.35 | - | 38.77 | - | 49.12 | 30.92 | |
| | 201-250 | 201-250 | UNIVERSIDAD AUTÓNOMA DE AGUASCALIENTES | MX | - | - | 32.81 | 10.01 | 13.71 | - | 39.86 | 22.96 | - |
| | 201-250 | 251-300 | UNIVERSIDAD AUTÓNOMA DE BUCARAMANGA | CO | - | - | 34.71 | - | 83.79 | - | - | - | - |
| | 201-250 | 191-200 | UNIVERSIDAD AUTÓNOMA DE CHAPINGO | MX | 21.94 | - | 60.94 | 12.77 | - | 46.02 | - | - | - |
| | 201-250 | 201-250 | UNIVERSIDAD AUTÓNOMA DE CHIAPAS UNIVERSIDAD AUTÓNOMA DE CIUDAD DE JUÁREZ | MX | - | - | 33.40 | - | 81.35 | 34.36 | - | - | |
| | 201-250 201-250 | 171-180 251-300 | UNIVERSIDAD AUTÓNOMA DE CIUDAD DE JUAREZ UNIVERSIDAD AUTÓNOMA DE COAHUILA | MX MX | - | _ | | - | 52.62 64.71 | 52.26 23.96 | 27.10 | 22.03 | |
| | 201-250 | 201-250 | UNIVERSIDAD AUTÓNOMA DE GUADALAJARA (UAG) | MX | 28.97 | 26.25 | - | - | - | - | _/ | - | 1 |
| | 201-250 | 201-250 | UNIVERSIDAD AUTÓNOMA DE ZACATECAS | MX | - | - | - | - | - | 49.74 | 31.10 | - | - |
| | 201-250 | 201-250 | UNIVERSIDAD CATÓLICA DE LA SANTÍSIMA CONCEPCIÓN - UCSC | CL | - | - | - | 15.57 | 38.16 | 22.97 | 35.90 | - | - |
| | 201-250 | 201-250 | UNIVERSIDAD CATÓLICA DE TEMUCO | CL | - | - | - | 50.77 | - | 59.13 | 35.57 | 22.54 | - |
| | 201-250 | 201-250 | UNIVERSIDAD CATÓLICA NUESTRA SEÑORA DE LA ASUNCIÓN | PY | 22.95 | 31.40 | 39.99 | - | | | - | - | - |
| | 201-250 201-250 | 201-250 191-200 | UNIVERSIDAD DE CALDAS UNIVERSIDAD DE ESPECIALIDADES ESPIRITU SANTO | CO | 26.09 | 23.47 | 40.15 33.77 | 18.78 16.53 | - | 60.89 | 23.53 | - | |
| | 201-250 | 201-250 | UNIVERSIDAD DE LA SALLE | CO | 24.68 | 24.25 | - | - | _ | 27.83 | | | |
| | 201-250 | 201-250 | UNIVERSIDAD DE LAS AMÉRICAS (UDLA) ECUADOR | EC | 24.00 | 27.11 | - | - | - | - | 26.15 | - | - |
| | 201-250 | 201-250 | UNIVERSIDAD DE QUINTANA ROO | MX | - | - | 61.63 | - | 55.01 | 25.73 | - | - | - |
| | 201-250 | 251-300 | UNIVERSIDAD DE SAN BUENAVENTURA | CO | - | - | 78.34 | - | - | - | 38.43 | - | - |
| | 201-250 | | UNIVERSIDAD DEL NORTE (UNINORTE) | PY | - | - | 42.14 | | | 55.29 | | - | - |
| | 201-250 201-250 | 161-170 251-300 | UNIVERSIDAD DEL SALVADOR UNIVERSIDAD IBEROAMERICANA PUEBLA | AR MX | 23.85 | 44.95 | 60.04 | - | - | - | - | - | |
| | 201-250 | 201-250 | UNIVERSIDAD INTERAMERICANA DE PUERTO RICO | PR | 26.07 | 25.85 | - | _ | | 61.15 | | 21.36 | |
| | 201-250 | 201-250 | UNIVERSIDAD JESUITA DE GUADALAJARA - ITESO | MX | 22.13 | 28.87 | 34.20 | - | - | 29.55 | - | 39.96 | - |
| | 201-250 | 201-250 | UNIVERSIDAD LATINA DE COSTA RICA | CR | - | 60.48 | - | - | | | | - | - |
| | 201-250 | 301-350 | UNIVERSIDAD MAYOR DE SAN SIMÓN COCHABAMBA | ВО | - | - | - | - | 87.70 | | 23.73 | - | - |
| | 201-250 | 251-300 | UNIVERSIDAD NACIONAL DE ENTRE RÍOS | AR | - | - | 45.90 | - | 93.44 | | - | - | - |
| | 201-250 201-250 | 201-250 201-250 | UNIVERSIDAD NACIONAL DE RIO CUARTO UNIVERSIDAD NACIONAL DE SAN ANTONIO ABAD DEL CUSCO | AR PE | 23.69 | | - | 12.89 | 61.31 86.51 | | 23.00 | | |
| | 201-250 | 201-250 | UNIVERSIDAD PRIVADA BOLIVIANA | ВО | - | 33.55 | 87.60 | - | 00.51 | 27.64 | - | - | 2 |
| | 201-250 | 251-300 | UNIVERSIDAD SAN IGNACIO DE LOYOLA | PE | - | 44.25 | - | - | - | - | - | - | |
| | 201-250 | 251-300 | UNIVERSIDAD SAN SEBASTIÁN - CHILE | CL | - | - | 59.85 | - | - | - | 45.46 | - | - |
| | 201-250 | 181-190 | UNIVERSIDAD SANTA MARÍA LA ANTIGUA-USMA | PA | - | 54.77 | 50.52 | - | | - | | - | - |
| | 201-250 | 201-250 | UNIVERSIDAD SANTO TOMÁS UNIVERSIDAD SERGIO ARBOLEDA | CO | - | 28.51 | 28.47 | - | 11 07 | - | 24.70 | 18.42 | |
| | 201-250 201-250 | 201-250 171-180 | UNIVERSIDAD SERGIO ARBOLEDA UNIVERSIDAD TECNICA PARTICULAR DE LOJA (UPTL) | CO | - | 40.63 | 35.59 | 19.46 | 11.87 28.78 | _ | 24.78 49.72 | 25.39 | |
| | 201-250 | 201-250 | LINITATEDOIDAD TECNIOLÓGICA DE LA LIADANIA LOCÉ ANITONIO ECUEVEDRÍA | | | | | . 5. 10 | _5.70 | 57.99 | - | - | |
| | | | CUJAE | CU | | | 51.32 | 46.5 | 2000 | | | | |
| | 201-250 | 201-250 201-250 | UNIVERSIDAD TECNOLÓGICA DE PEREIRA UNIVERSIDADE ESTADUAL DA PARAÍBA | CO | - | - | - 19 50 | 16.06 | 29.94 | - 68.04 | - | 20.59 | |
| | 201-250 201-250 | 201-250 | UNIVERSIDADE ESTADUAL DA PARAIBA UNIVERSIDADE ESTADUAL DO CENTRO-OESTE | BR BR | | - | 48.59 44.22 | 16.85 18.98 | 14.23 | 68.94 83.23 | - | 21.03 26.70 | |
| | 201-250 | 251-300 | UNIVERSIDADE FEDERAL DE RORAIMA | BR | - | - | 80.12 | - | - | 75.87 | | - | - |
| | 201-250 | 201-250 | UNIVERSIDADE FEDERAL DO ACRE | BR | - | - | 69.86 | - | - | 64.67 | - | - | - |
| | 201-250 | 201-250 | UNIVERSIDADE FEDERAL DO ESTADO DO RIO DE JANEIRO - UNIRIO | BR | - | - | 31.36 | - | | 100.00 | | 20.16 | - |
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| ST-100 | 021 | 020 | | ountry/ Territory | .cademic Reputation | | aculty Student | apers per Faculty | per Pa | taff with PhD | ional | Web Impact |
|--|--------|---------|---|-------------------|---------------------|-------|----------------|-------------------|---------|---------------|-------|------------|
| 13-100 101-200 MATIONAL LINIVERSITY OF THE PATACONIA SANJUAN BOSCO | | | | | Ā | ш | | ۵ | Ū | S | i z | > |
| | | | | | | - | | | - | - | | 18.92 |
| 251-300 UNIVERSIDAD AUTONOMA DE CAUNCIÓN PY | | | | | _ | _ | | _ | 92.02 | _ | _ | - |
| ST-100 | 51-300 | 251-300 | | PY | - | - | - | - | | 45.03 | - | - |
| 15-100 251-300 UNIVERSIDAD AUTÓNOMA DE SANTOLOS DO 34.64 0 0 0 0 0 0 0 0 0 | 51-300 | 251-300 | UNIVERSIDAD AUTÓNOMA DE CAMPECHE | MX | - | - | 74.61 | - | - | - | - | - |
| STATE STAT | | | | | - | - | | - | - | 22.51 | - | - |
| 151-100 201-130 UNIVERSIDAD AUTÓNOMA DE SINALOA MX | | | | | - | - | 78.54 | - | - | - | - | - |
| 151-100 251-300 | | | | | - | 34.64 | - | - | | 30 50 | - | - |
| | | | | | - | - | - | 10.43 | 71.88 | 29.28 - | | - |
| 151-300 251-300 UNIVERSIDAD CATÓLICA DE COLOMBIA CO 28.94 C C C C C C C C C | | | | | _ | 37.20 | _ | - | , 1.00 | _ | - | _ |
| 151-300 251-300 UNIVERSIDAD CATÓLICA DEL MAULE CL | | | | | - | | - | - | - | - | | - |
| 251-300 | 51-300 | 251-300 | UNIVERSIDAD CATÓLICA DE SANTIAGO DE GUAYAQUIL | EC | - | 30.68 | - | - | - | - | 44.47 | - |
| | 51-300 | 251-300 | | | - | - | 34.64 | | - | 36.70 | 22.75 | - |
| 151-300 | | | | | - | | - | 10.05 | - | - | 33.89 | - |
| 131-300 301-350 UNIVERSIDAD CIENTIFICA DEL SUR PE - - - 10.34 44.56 - - - - - - - - - | | | - | | - | | - | 13.05 | | - | | - |
| | | | | | - | - | 60.91 | | 41 56 | - | - | - |
| 151-300 251-300 UNIVERSIDAD DE CIENFUEGOS CARLOS RAFAEL RODRÍGUEZ CU | | | | | - | 32.54 | 84.16 | - | 44.50 | - | - | - |
| 151-300 251-300 UNIVERSIDAD DE HOLGUÍN CU 90.40 25.91 15.44 - 23.00 - 25.100 251-300 251-300 UNIVERSIDAD DE LOS LAGOS CL 25.91 15.44 - 23.10 25.15.100 201-250 UNIVERSIDAD DE LOS LAGOS CD | | | | | - | - | | - | | - | - | - |
| ST-1300 301-350 UNIVERSIDAD DE NARIÑO CO | 51-300 | 251-300 | | CU | - | - | 90.40 | - | - | | 23.00 | - |
| 201-250 UNIVERSIDAD DE SAN MARTÍN DE PORRES - USMP PE 28.14 - | 51-300 | 251-300 | UNIVERSIDAD DE LOS LAGOS | CL | - | - | - | 25.91 | 15.44 | - | 23.10 | 25.66 |
| ST-1300 251-300 UNIVERSIDAD DEL ATLÁNTICO CO 2. 22.13 CO 2. 2.15 | 51-300 | 301-350 | | | - | - | - | - | - | - | 33.51 | 45.10 |
| 13-300 301-350 UNIVERSIDAD DEL MAGDALENA CO 21.72 24.53 14.34 CO CO CO CO CO CO CO C | | | | | - | | - | - | - | 31.53 | - | - |
| 251-300 251-300 UNIVERSIDAD DEL VALLE DE ATEMAJAC MX - | | | | | - 24.72 | | - | - | - | - | - | - |
| 51-300 351-400 UNIVERSIDAD DEL VIÑA DEL MAR CL - 100.00 - </td <td></td> <td></td> <td></td> <td></td> <td>21.72</td> <td>24.53</td> <td>90.00</td> <td>14.34</td> <td>-</td> <td>62 21</td> <td>-</td> <td>-</td> | | | | | 21.72 | 24.53 | 90.00 | 14.34 | - | 62 21 | - | - |
| 251-300 UNIVERSIDAD DISTRITAL FRANCISCO JOSÉ DE CALDAS CO - 29.93 26.08 - 27.85 51-300 301-350 UNIVERSIDAD EAN CO - 31.61 26.08 26.08 25.300 UNIVERSIDAD INTERAMERICANA DE PANAMÁ PA - 42.65 10.28 15.28 76.82 25.300 UNIVERSIDAD JUÁREZ DEL ESTADO DE DURANGO MX 10.28 15.28 76.82 25.300 UNIVERSIDAD MAYOR CL 10.28 15.28 76.82 18.35 51-300 251-300 UNIVERSIDAD NACIONAL AUTÓNOMA DE HONDURAS (UNAH) HN 10.28 15.28 76.82 18.35 51-300 251-300 UNIVERSIDAD NACIONAL AUTÓNOMA DE HONDURAS (UNAH) HN 41.30 18.35 51-300 251-300 UNIVERSIDAD NACIONAL DE SALTA AR 41.30 14.30 32.29 15.300 UNIVERSIDAD NACIONAL DE SALTA AR 41.30 32.29 51.300 UNIVERSIDAD POPULAR AUTÓNOMA DEL ESTADO DE PUEBLA (UPAEP) MX 41.30 32.29 51.300 UNIVERSIDAD POPULAR AUTÓNOMA DEL ESTADO DE PUEBLA (UPAEP) MX 28.15 | | | - | | _ | _ | | _ | | 05.51 | _ | _ |
| 251-300 UNIVERSIDAD INTERAMERICANA DE PANAMÁ PA - 42.65 10.28 15.28 76.82 51.300 201-250 UNIVERSIDAD JUÁREZ DEL ESTADO DE DURANGO MX 10.28 15.28 76.82 24.10 251.300 UNIVERSIDAD MAYOR CL | | | | | - | | - | - | | - | | 27.86 |
| 201-250 UNIVERSIDAD JUÁREZ DEL ESTADO DE DURANGO MX 10.28 15.28 76.82 - 25.1300 UNIVERSIDAD MAYOR CL 10.28 15.28 76.82 - 24.10 - 25.1300 UNIVERSIDAD NACIONAL AUTÓNOMA DE HONDURAS (UNAH) HN 1 84.69 1 2 2 2 1 18.25.1300 UNIVERSIDAD NACIONAL DE ITAPÚA (UNI) PY - 84.69 1 2 2 1 18.25.1300 UNIVERSIDAD NACIONAL DE ITAPÚA (UNI) PY - 1 84.69 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | 51-300 | 301-350 | UNIVERSIDAD EAN | CO | - | 31.61 | - | - | - | 26.08 | | - |
| 51-300 251-300 UNIVERSIDAD MAYOR CL - - - - 24.10 - 51-300 251-300 UNIVERSIDAD NACIONAL AUTÓNOMA DE HONDURAS (UNAH) HN - | 51-300 | 251-300 | UNIVERSIDAD INTERAMERICANA DE PANAMÁ | PA | - | 42.65 | - | - | | - | | - |
| 251-300 UNIVERSIDAD NACIONAL AUTÓNOMA DE HONDURAS (UNAH) HN 84.69 18.65 51-300 UNIVERSIDAD NACIONAL DE ITAPÚA (UNII) PY 84.69 18.65 51-300 UNIVERSIDAD NACIONAL DE ITAPÚA (UNII) PY 84.69 41.30 32.29 51.300 UNIVERSIDAD NACIONAL DE SALTA AR 41.30 32.29 51.300 UNIVERSIDAD NACIONAL DE DENERÍQUEZ UREÑA DO - 25.23 40.77 28.15 51.300 UNIVERSIDAD POPULAR AUTÓNOMA DEL ESTADO DE PUEBLA (UPAEP) MX 28.15 28.15 | | | | | - | - | - | 10.28 | 15.28 | 76.82 | - | - |
| 251-300 UNIVERSIDAD NACIONAL DE ITAPÚA (UNI) PY - 84.69 - 41.30 32.29 - 51-300 201-250 UNIVERSIDAD NACIONAL PEDRO HENRÍQUEZ UREÑA DO - 25.23 40.77 - 41.30 32.29 - 51-300 251-300 UNIVERSIDAD NACIONAL PEDRO HENRÍQUEZ UREÑA DO - 25.23 40.77 - 2 - 28.15 - 2 - 25.1300 UNIVERSIDAD POPULAR AUTÓNOMA DEL ESTADO DE PUEBLA (UPAEP) MX - 2 - 2 - 28.15 - 2 - 28.15 - 2 - 25.1300 UNIVERSIDAD TECNOLÓGICA CENTROAMERICANA (UNITEC) - HONDURAS HN - 24.54 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - | | | | | - | - | - | - | - | - | 24.10 | - |
| 201-250 UNIVERSIDAD NACIONAL DE SALTA AR - - - 41.30 32.29 - 51-300 251-300 UNIVERSIDAD NACIONAL PEDRO HENRÍQUEZ UREÑA DO - 25.23 40.77 - - 28.15 - - 51-300 251-300 UNIVERSIDAD POPULAR AUTÓNOMA DEL ESTADO DE PUEBLA (UPAEP) MX - - - - - 28.15 - - - 51-300 251-300 UNIVERSIDAD TECNOLÓGICA CENTROAMERICANA (UNITEC) - HONDURAS HN - 24.54 - - - - - - - - - | | | | | - | - | 8/1 60 | - | - | - | - | 18.20 |
| 51-300 251-300 UNIVERSIDAD NACIONAL PEDRO HENRÍQUEZ UREÑA DO - 25.23 40.77 - <td></td> <td></td> <td></td> <td></td> <td>-</td> <td>-</td> <td>-</td> <td>-</td> <td>41.30</td> <td>-</td> <td>32.29</td> <td>-</td> | | | | | - | - | - | - | 41.30 | - | 32.29 | - |
| 251-300 251-300 UNIVERSIDAD POPULAR AUTÓNOMA DEL ESTADO DE PUEBLA (UPAEP) MX - - - - - 28.15 - - - - - 51-300 UNIVERSIDAD TECNOLÓGICA CENTROAMERICANA (UNITEC) - HONDURAS HN - 24.54 - - - - - - - - - | | | | | - | 25.23 | 40.77 | - | | - | - | - |
| 251-300 251-300 UNIVERSIDAD TECNOLÓGICA DE MÉXICO (UNITEC) MX | | | ` | | - | - | - | - | - | 28.15 | - | - |
| 201-250 UNIVERSIDADE DE RIBEIRÃO PRETO BR - - 10.64 - 76.96 - - 10.51-300 161-170 UNIVERSIDADE DO VALE DO PARAÍBA (UNIVAP) BR - 48.63 41.00 41.17 29.65 - 51-300 201-250 UNIVERSIDADE DO VALE ITAJAÍ (UNIVALI) BR - - 58.03 10.12 18.81 28.47 42.27 24.35 251-300 251-300 UNIVERSIDADE ESTADUAL DE FEIRA DE SANTANA BR - 58.03 10.12 18.81 28.47 42.27 24.35 251-300 251-300 UNIVERSIDADE ESTADUAL DE GOIÁS BR - 82.37 - - - - - 51-300 201-250 UNIVERSIDADE ESTADUAL DE MONTES CLAROS BR - 85.52 - 33.29 - 20.05 201-250 UNIVERSIDADE ESTADUAL DO RIO GRANDE DO SUL BR - 54.41 13.29 14.52 47.57 - 251-300 201-250 UNIVERSIDADE ESTADUAL DO RIO GRANDE DO SUL BR - 54.41 13.29 14.52 47.57 - 251-300 201-250 UNIVERSIDADE LUTERANA DO BRASIL BR - - 10.59 42.84 - - - - 251-300 251-300 UNIVERSIDADE NOVE DE JUHO (UNINOVE) BR - - - - 49.26 36.33 34.04 - - 251-300 251-300 UNIVERSIDADE NOVE DE JUHO (UNINOVE) BR - - - - - 49.26 36.33 34.04 - - - - - - - - - | 51-300 | 251-300 | UNIVERSIDAD TECNOLÓGICA CENTROAMERICANA (UNITEC) - HONDURAS | HN | - | 24.54 | - | - | | - | - | - |
| 51-300 161-170 UNIVERSIDADE DO VALE DO PARAÍBA (UNIVAP) BR - - 48.63 41.00 41.17 29.65 - - - - - 48.63 41.00 41.17 29.65 - - - - 48.63 41.00 41.17 29.65 - <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td></td> <td>-</td> <td></td> <td>-</td> <td></td> <td>-</td> | | | | | - | | | - | | - | | - |
| 51-300 201-250 UNIVERSIDADE DO VALE ITAJAÍ (UNIVALI) BR - - - 11.59 15.02 42.77 35.07 23.3 51-300 181-190 UNIVERSIDADE ESTADUAL DE FEIRA DE SANTANA BR - - 58.03 10.12 18.81 28.47 42.27 24.3 51-300 251-300 UNIVERSIDADE ESTADUAL DE GOIÁS BR - - 82.37 - | | | | | - | | | | - 41 17 | | - | - |
| 51-300 181-190 UNIVERSIDADE ESTADUAL DE FEIRA DE SANTANA BR - - 58.03 10.12 18.81 28.47 42.27 24.27 51-300 251-300 UNIVERSIDADE ESTADUAL DE GOIÁS BR - - 82.37 - <td></td> <td></td> <td></td> <td></td> <td>-</td> <td>-</td> <td></td> <td></td> <td></td> <td></td> <td>35.07</td> <td>23.32</td> | | | | | - | - | | | | | 35.07 | 23.32 |
| 51-300 251-300 UNIVERSIDADE ESTADUAL DE GOIÁS BR - - 82.37 - <t< td=""><td></td><td></td><td></td><td></td><td></td><td>-</td><td></td><td></td><td></td><td></td><td></td><td>24.21</td></t<> | | | | | | - | | | | | | 24.21 |
| \$1-300 201-250 UNIVERSIDADE ESTADUAL DE MONTES CLAROS BR - - 85.52 - - 33.29 - 20.0 \$1-300 201-250 UNIVERSIDADE ESTADUAL DO RIO GRANDE DO SUL BR - - 54.41 13.29 14.52 47.57 - - \$1-300 201-250 UNIVERSIDADE LUTERANA DO BRASIL BR - - - 10.59 42.84 - - - \$1-300 251-300 UNIVERSIDADE NOVE DE JULHO (UNINOVE) BR - - - 49.26 36.33 34.04 - | | | | | - | - | | - | | | - | - |
| 51-300 201-250 UNIVERSIDADE LUTERANA DO BRASIL BR - - - 10.59 42.84 - - 51-300 251-300 UNIVERSIDADE NOVE DE JULHO (UNINOVE) BR - - - 49.26 36.33 34.04 - | | | | | - | - | | - | - | 33.29 | - | 20.09 |
| 1-300 251-300 UNIVERSIDADE NOVE DE JULHO (UNINOVE) BR 49.26 36.33 34.04 - | 1-300 | 201-250 | UNIVERSIDADE ESTADUAL DO RIO GRANDE DO SUL | BR | - | - | 54.41 | 13.29 | 14.52 | 47.57 | | - |
| | | | | | - | - | - | 10.59 | | | - | - |
| 251-300 UNIVERSIDADE POTIGUAR (UNP) BR 10.24 99.98 50.06 - | | | | | - | - | - | - | | | 34.04 | - |
| | 1-300 | 251-300 | UNIVERSIDADE POTIGUAR (UNP) | BR | - | - | - | 10.24 | 99.98 | 50.06 | | - |
| | | | | | | | | | | | | |
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| 301-350 301-350 301-350 301-350 301-350 301-350 301-350 301-350 301-350 301-350 301-350 301-350 301-350 | 301-350 351-400 301-350 301-350 301-350 301-350 | Institution Name CETYS UNIVERSIDAD UNIVERSIDAD ABIERTA INTERAMERICANA - UAI UNIVERSIDAD ARTURO PRAT UNIVERSIDAD AUTÓNOMA DE GUERRERO UNIVERSIDAD AUTÓNOMA DE TAMAULIPAS UNIVERSIDAD AUTÓNOMA DEL CARMEN UNIVERSIDAD AUTÓNOMA NACIONAL DE NICARAGUA- MANAGUA - UNAN UNIVERSIDAD BERNARDO O'HIGGINS UNIVERSIDAD CENTROAMERICANA (UCA) UNIVERSIDAD COOPERATIVA DE COLOMBIA UNIVERSIDAD DE ATACAMA UNIVERSIDAD DE CIENCIAS Y ARTES DE CHIAPAS | OO IN XW XW Country/ Territory | Academic Reputation | Employer Reputation | 29.08 43.47 | Papers per Faculty | Citations per Paper | Onno Staff with PhD Staff with PhD 42.02 | . International Research Network | . Web Impact |
|--|---|---|--------------------------------|---------------------|-----------------------|----------------|--------------------|---------------------|--|-------------------------------------|-----------------|
| 301-350 301-350 301-350 301-350 301-350 301-350 301-350 301-350 301-350 301-350 301-350 301-350 301-350 301-350 | 301-350 351-400 301-350 301-350 301-350 251-300 301-350 301-350 301-350 251-300 301-350 | CETYS UNIVERSIDAD UNIVERSIDAD ABIERTA INTERAMERICANA - UAI UNIVERSIDAD ARTURO PRAT UNIVERSIDAD AUTÓNOMA DE GUERRERO UNIVERSIDAD AUTÓNOMA DE TAMAULIPAS UNIVERSIDAD AUTÓNOMA DEL CARMEN UNIVERSIDAD AUTÓNOMA NACIONAL DE NICARAGUA- MANAGUA - UNAN UNIVERSIDAD BERNARDO O'HIGGINS UNIVERSIDAD CENTROAMERICANA (UCA) UNIVERSIDAD COOPERATIVA DE COLOMBIA UNIVERSIDAD DE ATACAMA | MX AR CL MX MX NI CL NI | Acade | Emplo | 29.08 | Paper | - | 60.10 - - 42.02 | - | - |
| 301-350 301-350 301-350 301-350 301-350 301-350 301-350 301-350 301-350 301-350 301-350 301-350 301-350 301-350 | 301-350 351-400 301-350 301-350 301-350 251-300 301-350 301-350 301-350 251-300 301-350 | CETYS UNIVERSIDAD UNIVERSIDAD ABIERTA INTERAMERICANA - UAI UNIVERSIDAD ARTURO PRAT UNIVERSIDAD AUTÓNOMA DE GUERRERO UNIVERSIDAD AUTÓNOMA DE TAMAULIPAS UNIVERSIDAD AUTÓNOMA DEL CARMEN UNIVERSIDAD AUTÓNOMA NACIONAL DE NICARAGUA- MANAGUA - UNAN UNIVERSIDAD BERNARDO O'HIGGINS UNIVERSIDAD CENTROAMERICANA (UCA) UNIVERSIDAD COOPERATIVA DE COLOMBIA UNIVERSIDAD DE ATACAMA | MX AR CL MX MX NI CL NI | | - - - - - | 29.08 | - - - | - | 60.10 - - 42.02 | - | - |
| 301-350 301-350 301-350 301-350 301-350 301-350 301-350 301-350 301-350 301-350 301-350 301-350 301-350 | 351-400 301-350 301-350 301-350 301-350 251-300 301-350 351-400 301-350 251-300 301-350 | UNIVERSIDAD ABIERTA INTERAMERICANA - UAI UNIVERSIDAD ARTURO PRAT UNIVERSIDAD AUTÓNOMA DE GUERRERO UNIVERSIDAD AUTÓNOMA DE TAMAULIPAS UNIVERSIDAD AUTÓNOMA DEL CARMEN UNIVERSIDAD AUTÓNOMA NACIONAL DE NICARAGUA- MANAGUA - UNAN UNIVERSIDAD BERNARDO O'HIGGINS UNIVERSIDAD CENTROAMERICANA (UCA) UNIVERSIDAD COOPERATIVA DE COLOMBIA UNIVERSIDAD DE ATACAMA | AR CL MX MX MX NI CL NI | - - - - | - - - - | | - - - | - - 13.44 | - - 42.02 | - 27.67 - | 18.93 - - |
| 301-350 301-350 301-350 301-350 301-350 301-350 301-350 301-350 301-350 301-350 301-350 | 301-350 301-350 301-350 251-300 301-350 351-400 301-350 251-300 301-350 | UNIVERSIDAD AUTÓNOMA DE GUERRERO UNIVERSIDAD AUTÓNOMA DE TAMAULIPAS UNIVERSIDAD AUTÓNOMA DEL CARMEN UNIVERSIDAD AUTÓNOMA NACIONAL DE NICARAGUA- MANAGUA - UNAN UNIVERSIDAD BERNARDO O'HIGGINS UNIVERSIDAD CENTROAMERICANA (UCA) UNIVERSIDAD COOPERATIVA DE COLOMBIA UNIVERSIDAD DE ATACAMA | MX MX MX NI CL | - - - - | - - - | - - - | - | - 13.44 - | | 27.67 | - |
| 301-350 301-350 301-350 301-350 301-350 301-350 301-350 301-350 301-350 301-350 | 301-350 251-300 301-350 301-350 351-400 301-350 251-300 301-350 | UNIVERSIDAD AUTÓNOMA DE TAMAULIPAS UNIVERSIDAD AUTÓNOMA DEL CARMEN UNIVERSIDAD AUTÓNOMA NACIONAL DE NICARAGUA- MANAGUA - UNAN UNIVERSIDAD BERNARDO O'HIGGINS UNIVERSIDAD CENTROAMERICANA (UCA) UNIVERSIDAD COOPERATIVA DE COLOMBIA UNIVERSIDAD DE ATACAMA | MX MX NI CL | - - - | - - - | - | - | 13.44 | | - | - |
| 301-350 301-350 301-350 301-350 301-350 301-350 301-350 301-350 301-350 301-350 | 301-350 251-300 301-350 351-400 301-350 251-300 301-350 | UNIVERSIDAD AUTÓNOMA DEL CARMEN UNIVERSIDAD AUTÓNOMA NACIONAL DE NICARAGUA- MANAGUA - UNAN UNIVERSIDAD BERNARDO O'HIGGINS UNIVERSIDAD CENTROAMERICANA (UCA) UNIVERSIDAD COOPERATIVA DE COLOMBIA UNIVERSIDAD DE ATACAMA | MX NI CL NI | - - - | - | - | _ | - | 2445 | | |
| 301-350 301-350 301-350 301-350 301-350 301-350 301-350 301-350 301-350 | 251-300 301-350 351-400 301-350 251-300 301-350 | UNIVERSIDAD AUTÓNOMA NACIONAL DE NICARAGUA- MANAGUA - UNAN UNIVERSIDAD BERNARDO O'HIGGINS UNIVERSIDAD CENTROAMERICANA (UCA) UNIVERSIDAD COOPERATIVA DE COLOMBIA UNIVERSIDAD DE ATACAMA | NI CL NI | - | - | | 16.70 | | 24.45 | - | - |
| 301-350 301-350 301-350 301-350 301-350 301-350 301-350 | 301-350 351-400 301-350 251-300 301-350 | UNIVERSIDAD BERNARDO O'HIGGINS UNIVERSIDAD CENTROAMERICANA (UCA) UNIVERSIDAD COOPERATIVA DE COLOMBIA UNIVERSIDAD DE ATACAMA | CL NI | - | 30.39 | | 16.79 | - | 54.95 | - | 34.08 |
| 301-350 301-350 301-350 301-350 301-350 301-350 | 351-400 301-350 251-300 301-350 | UNIVERSIDAD CENTROAMERICANA (UCA) UNIVERSIDAD COOPERATIVA DE COLOMBIA UNIVERSIDAD DE ATACAMA | NI | | - | 31.10 | 28.47 | - | 23.81 | | - |
| 301-350 301-350 301-350 301-350 301-350 | 301-350 251-300 301-350 | UNIVERSIDAD DE ATACAMA | CO | - | 29.98 | - | - | | - | | - |
| 301-350 301-350 301-350 301-350 | 251-300 301-350 | | | - | - | - | - | - | - | - | - |
| 301-350 301-350 301-350 | 301-350 | UNIVERSIDAD DE CIENCIAS Y ARTES DE CHIAPAS | CL | - | - | - | 26.89 | - | 22.85 | 26.69 | - |
| 301-350 301-350 | 301-350 | | MX | | | 48.13 | - | 33.42 | 54.39 | | |
| 801-350 | | UNIVERSIDAD DE LA COSTA | SV | - | 25.34 | - | 10.10 | 12.20 | | 20.22 | - |
| | | UNIVERSIDAD DE LA COSTA UNIVERSIDAD DE PAMPLONA | СО | | | 60.21 | 18.16 | 13.29 | - | 30.23 | - 31.80 |
| | 301-350 | UNIVERSIDAD DE PLAYA ANCHA | CL | - | - | - | 27.79 | - | 29.97 | 28.23 | - |
| 01-350 | 351-400 | UNIVERSIDAD DEL AZUAY | EC | - | - | - | - | - | - | 33.26 | 19.03 |
| 01-350 | 351-400 | UNIVERSIDAD DEL CARIBE | MX | - | - | - | - | | 62.52 | | - |
| 01-350 | 301-350 | UNIVERSIDAD DEL ISTMO (UDI) | PA | - | - | 35.24 | - | | - | | - |
| | 301-350 | UNIVERSIDAD ESAN | PE | - | - | - | - | - | 41.78 | - | - |
| | 301-350 | UNIVERSIDAD FINIS TERRAE | CL | - | - | 27.48 | 15.77 | - | - | - | - |
|)1-350)1-350 | 301-350 | UNIVERSIDAD INTERAMERICANA PARA EL DESARROLLO UNIVERSIDAD JUÁREZ AUTÓNOMA DE TABASCO | MX MX | - | - | 53.49 38.55 | _ | _ | 24.71 | _ | - |
| | 301-350 | UNIVERSIDAD LIBRE | СО | - | - | 41.96 | - | - | - | - | - |
| | 301-350 | UNIVERSIDAD MILITAR NUEVA GRANADA | СО | - | - | - | 13.99 | - | - | 29.85 | - |
| 01-350 | | UNIVERSIDAD NACIONAL DE CHIMBORAZO | EC | | | 55.98 | - | 18.96 | - | | |
| 1-350 | 301-350 | UNIVERSIDAD NACIONAL DE LUJAN | AR | - | - | - | - | 50.73 | | - | 18.67 |
| | 301-350 | UNIVERSIDAD NACIONAL DE SAN AGUSTÍN DE AREQUIPA | PE | - | - | - | - | - | - | - | - |
| | 251-300 351-400 | UNIVERSIDAD NACIONAL DE TRES DE FERREDO | AR AR | - | - | 27.20 58.13 | - | 22.31 | | 25.36 | - |
| | 301-350 | UNIVERSIDAD NACIONAL DE TRES DE FEBRERO UNIVERSIDAD NACIONAL DE TRUJILLO | PE | - | - | 30.13 | - | _ | | _ | _ |
| 01-350 | 30. 330 | UNIVERSIDAD NACIONAL DEL NOROESTE DE LA PROVINCIA DE BUENOS AIRES | | _ | - | - | - | 32.24 | - | - | - |
| 01-350 | 301-350 | UNIVERSIDAD NACIONAL FEDERICO VILLARREAL - UNFV | PE | - | 25.53 | - | - | - | | - | - |
| 01-350 | 301-350 | UNIVERSIDAD POLITECNICA SALESIANA | EC | - | - | - | 10.88 | - | - | 32.34 | 35.32 |
| | | UNIVERSIDAD POLITÉNICA DE PUERTO RICO | PR | - | 26.24 | - | - | | | - | - |
| | | UNIVERSIDAD RICARDO PALMA | PE | - | 26.26 | - | - | - | | | - |
| | | UNIVERSIDAD SANTIAGO DE CALI UNIVERSIDAD SANTO TOMÁS - CHILE | CO | - | - | 27.97 | - | 20.16 | - | - | - |
| 01-350 | 201 230 | UNIVERSIDAD SIMÓN BOLÍVAR COLOMBIA | CO | - | | - | - | - | - | | - |
| | 251-300 | UNIVERSIDAD TECNOLÓGICA DE EL SALVADOR (UTEC) | SV | - | 26.59 | - | | | - | | - |
| | | UNIVERSIDAD TECNOLÓGICA METROPOLITANA | CL | - | - | - | 10.52 | - | | - | - |
| | 351-400 | UNIVERSIDAD UTE | EC | - | - | - | - | - | - | 33.57 | - |
| 01-350 01-350 | 301-350 | UNIVERSIDAD VASCO DE QUIROGA UNIVERSIDADE ANHEMBI MORUMBI (UAM) | MX BR | - | - | 100.00 | - | | - | | - |
| | | UNIVERSIDADE DE PASSO FUNDO | BR | - | - | | 11.65 | 29.91 | 25.07 | 31.28 | 23.70 |
| | | UNIVERSIDADE DE SANTA CRUZ DO SUL | BR | - | - | - | 10.01 | 32.93 | 52.99 | | 40.52 |
| 01-350 | 301-350 | UNIVERSIDADE ESTADUAL DO MARANHÃO | BR | - | - | 29.94 | - | - | 51.26 | - | 19.27 |
| | | UNIVERSIDADE PAULISTA - UNIP | BR | - | 26.16 | - | 19.16 | - | | 25.78 | 37.86 |
| | | UNIVERSIDADE REGIONAL DE BLUMENAU | BR | - | - | - | 24.43 | - | - | 23.13 | 21.57 |
| | | UNIVERSIDADE SALVADOR | BR | - | - | - | - | 51.29 | 25.86 | - | 20.20 |
| 51-400 51-400 | 351-400 | COLEGIO MAYOR DE ANTIOQUIA DOM BOSCO CATHOLIC UNIVERSITY | CO BR | - | | - | - | | 41.44 | - | - |
| | 351-400 | ESCUELA COLOMBIANA DE CARRERAS INDUSTRIALES - ECCI | CO | | _ | _ | _ | | | _ | _ |
| | | ESCUELA SUPERIOR DE ADMINISTRACION PUBLICA (ESAP) | СО | - | - | - | - | | - | | - |
| 51-400 | 301-350 | INSTITUTO TECNOLÓGICO METROPOLITANO - ITM | СО | - | - | - | 13.91 | - | - | - | - |
| | | UNIVERSIAD CRISTÓBAL COLÓN | MX | - | - | 51.23 | - | | | | - |
| 51-400 | 351-400 | UNIVERSIDAD APEC (UNAPEC) | DO | - | - | - | - | | | | - |

| | | | Country/ Territory | Academic Reputation | Employer Reputation | Faculty Student | Papers per Faculty | Citations per Paper | Staff with PhD | International Research Network | Impact | _ |
|--------------------|--------------------|--|--------------------|---------------------|---------------------|-----------------|--------------------|---------------------|----------------|-----------------------------------|--------|---------|
| 2021 | 2020 | | ounti | cadei | oldu | aculty | apers | tatio | affw | Internati Network | Web Ir | Overall |
| | | Institution Name | | Ă | ш | Ę, | P | Ü | St | Ξž | > | Ó |
| 351-400 | 351-400 | UNIVERSIDAD AUTÓNOMA DE CHIRIQUÍ (UNACHI) | PA | - | - | - | - | 11.01 | - | - | - | 7 |
| 351-400 351-400 | 301-350 301-350 | UNIVERSIDAD AUTÓNOMA DE NAYARIT UNIVERSIDAD AUTÓNOMA DE OCCIDENTE | MX CO | - | | 28.30 | - | 11.91 | - | - | - | |
| 351-400 | 351-400 | UNIVERSIDAD CATÓLICA CARDENAL RAÚL SILVA HENRÍQUEZ - UCSH | CL | _ | _ | | _ | - | _ | - | _ | |
| 351-400 | 351-400 | UNIVERSIDAD CATÓLICA DE SANTO DOMINGO | DO | _ | | | _ | | | | _ | |
| 351-400 | 351-400 | UNIVERSIDAD CATÓLICA DEL SALVADOR | SV | _ | _ | _ | _ | | _ | | _ | 100 |
| 351-400 | | UNIVERSIDAD CATÓLICA SAN PABLO, AREQUIPA | PE | | | - | 11.40 | - | _ | | | 100 |
| 351-400 | 351-400 | UNIVERSIDAD CENTRAL DEL ESTE | DO | - | - | - | - | | - | - | - | |
| 351-400 | | UNIVERSIDAD CRISTIANA DE BOLIVIA (UCEBOL) | ВО | | | 43.60 | | | - | | - | 100 |
| 351-400 | 301-350 | UNIVERSIDAD DE GUAYAQUIL | EC | - | - | - | - | - | | - | - | - |
| 351-400 | 351-400 | UNIVERSIDAD DE IBAGUÉ | CO | - | - | - | 10.51 | 34.04 | - | - | - | - |
| 351-400 | 351-400 | UNIVERSIDAD DE LA AMAZONÍA | CO | - | - | - | - | - | - | - | - | - |
| 351-400 | 351-400 | UNIVERSIDAD DE LOS LLANOS | CO | - | - | - | - | - | - | - | - | - |
| 351-400 | 351-400 | UNIVERSIDAD DE MANIZALES | CO | - | - | - | - | - | - | | - | - |
| 351-400 | 351-400 | UNIVERSIDAD DE OCCIDENTE | MX | - | | - | - | | - | - | - | - |
| 351-400 | 351-400 | UNIVERSIDAD DEL CARIBE (UNICARIBE) | DO | - | - | - | | | | | - | - |
| 351-400 | | UNIVERSIDAD DEL NORESTE | MX | - | - | 50.47 | - | | - | | - | - |
| 351-400 | 301-350 | UNIVERSIDAD DEL QUINDÍO | CO | - | | - | - | - | - | - | - | 7 |
| 351-400 351-400 | 351-400 351-400 | UNIVERSIDAD ESTATAL DE SONORA UNIVERSIDAD EVANGELICA DE EL SALVADOR | MX SV | - | - | - | - | | - | | - | - |
| 351-400 | 331-400 | UNIVERSIDAD MAYOR DE SAN FRANCISCO XAVIER | BO | - | | | - | | | | - | |
| 351-400 | 301-350 | UNIVERSIDAD NACIONAL DE GENERAL SARMIENTO | AR | | | | | | | _ | | |
| 351-400 | 351-400 | UNIVERSIDAD NACIONAL DE LA MATANZA | AR | _ | _ | 29.13 | | | _ | _ | - | |
| 351-400 | 351-400 | UNIVERSIDAD NACIONAL DE LA PAMPA | AR | _ | | - | | _ | | _ | _ | |
| 351-400 | 351-400 | UNIVERSIDAD NACIONAL DE LANÚS | AR | - | _ | - | - | | | - | - | 1 |
| 351-400 | 351-400 | UNIVERSIDAD NACIONAL DE LOMAS DE ZAMORA | AR | - | - | - | - | | | | - | - |
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| 351-400 | 351-400 | UNIVERSIDAD NACIONAL DEL ALTIPLANO | PE | - | - | - | - | | | - | - | - |
| 351-400 | 301-350 | UNIVERSIDAD NACIONAL DEL NORDESTE | AR | - | - | - | - | - | | - | 30.02 | - |
| 351-400 | 351-400 | UNIVERSIDAD PEDAGÓGICA NACIONAL FRANCISCO MORAZÁN (UPNFM) | HN | - | - | - | - | | - | | - | - |
| 351-400 | 351-400 | UNIVERSIDAD PRIVADA DEL NORTE | PE | - | - | - | - | | | - | - | - |
| 351-400 | 301-350 | UNIVERSIDAD PRIVADA DEL VALLE (UNIVALLE) - BOLIVIA | ВО | - | - | - | - | | - | | - | - |
| 351-400 | 351-400 | UNIVERSIDAD REGIOMONTANA | MX | - | - | 40.88 | - | | - | | - | - |
| 351-400 | 351-400 | UNIVERSIDAD TEC MILENIO | MX | - | - | 28.15 | - | | - | | - | - |
| 351-400 | | UNIVERSIDAD TÉCNICA DE ORURO | BO | - | - | - | - | | - | - | 79.89 | - 1 |
| 351-400 351-400 | 351-400 | UNIVERSIDAD TECNOLÓGICA DE BOLÍVAR UNIVERSIDAD TECNOLÓGICA DEL CENTRO (UNITEC) | CO | | | - | | | 38.22 | | - | |
| 351-400 351-400 | 351-400 351-400 | UNIVERSIDAD TECNOLOGICA DEL CENTRO (UNITEC) UNIVERSIDAD UNIACO | CL | | | 44.18 | - | | | | - | |
| 351-400 | 351-400 | UNIVERSIDADE IBIRAPUERA - UNIB | BR | | - | | - | | 28.96 | - | - | _ |
| 351-400 | 251-300 | UNIVERSIDADE POSITIVO | BR | - | | _ | 18.25 | - | - | - | - | _ |
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| 351-400 | | UNIVERSIDADE VEIGA DE ALMEIDA | BR | | - | - | - | - | - | - | - | - |
| 351-400 | | UNIVERSIDADE VILA VELHA | BR | | | - | 31.27 | - | - | | | - |
| 401+ 401+ | | CENTRO UNIVERSITÁRIO RITTER DOS REIS (UNIRITTER) FUNDACIÓN UNIVERSITARIA DEL AREA ANDINA | BR CO | - | - | - | | | | | - | |
| 401+ | | UNIVERSIDAD CATÓLICA DE CUENCA | EC | - | - | | | | | | - | |
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| 401+ | 351-400 | UNIVERSIDAD FRANCISCO GAVIDIA | SV | - | - | - | - | | - | | - | - |
| 401+ | | UNIVERSIDAD MEXIQUENSE DEL BICENTENARIO | MX | | | - | | | - | | | - |
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Exploring Latin America's Top 5

By Chloe Lane, A Content Writer, TopUniversities.com

The QS Latin American University Rankings 2021 is QS' biggest Latin America rankings yet. It features 410 of the most prestigious institutions in the region.

This year, Brazil takes the lead, with 94 of its universities featured in the Latin America rankings, followed by Mexico with 66 universities and Colombia with 60. More information on what it's like studying in Latin American countries are available in QS' online guides.

In ranking universities, QS using an index compiled of eight indicators: academic reputation, employer reputation, faculty to student ratio, staff with PhDs, international research network, citations per paper, papers per faculty and web impact. It's worth noting that the data collected for these rankings reflects the period before COVID-19.

Here are the Top Five universities in the 2021 Latin America Region Rankings.



5. Universidade Estadual de Campinas (Unicamp)

Brazil

Remaining in fifth place this year is Universidade Estadual de Campinas (Unicamp).

The university scores highest in staff with PhDs and papers per faculty indicators: a reflection of the high level of research productivity of the university's teaching staff. As a result, Unicamp is now responsible for around 15 percent of all Brazilian research.

As with all public universities in Brazil, there are no tuition fees for domestic or international students.



4. Universidad de Chile

Chile

Rising an impressive three places is Universidad de Chile, stealing fourth place in the Latin American rankings this year. Founded in 1842 and inaugurated in 1843, the Universidad de Chile is the oldest university in Chile and has a rich history in academic, scientific and social outreach.

The university earns its highest score in the employer reputation indicator, reflecting the strong reputation of the university's graduates amongst employers. Notable alumni include 20 past Chilean presidents, two Nobel Laureates and 155 National Award recipients in different fields.





Hankuk University of Foreign Studies, Leading a Globalized Korea

Hankuk University of Foreign Studies (HUFS), since its foundation in 1954, has been at the forefront of Korea's development, often dubbed the Korean miracle, serving as a pioneer and driving the economic growth and globalization of Korea. HUFS, a truly global university that fosters innovative leaders of the future.

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The enactment of the Critical Foreign Languages Education Act has expanded the platform for HUFS students majoring in critical foreign languages such as Vietnamese, Arabic, and Portuguese to grow into area specialists by gaining knowledge and experience transnationally. HUFS's prestige as the leading global university in Korea has been enhanced through university -wide academic programs such as HIMUN (HUFS International Model United Nations), which marks its 43rd anniversary this year, and a wide range of globalization programs which include the '7+1 Student Dispatch Program' where students study at overseas universities for one term, 'Honors Program for Area Specialists' to train and nurture area specialists with knowledge and practical experience, and a global internship program under which over 300 students gain on-the-ground overseas work experience annually.

- Global Education Infrastructure HUFS teaches 45 languages in 52 language majors
- Academic Exchange Agreements Signed with 832 universities and institutions in 98 countries
- International Exchange Programs Number of HUFS students dispatched overseas: 1,843 Number of international students placed at HUFS: 636

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- EICC (English for International Conferences and Communication) Department

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- LD (Language & Diplomacy) Division An 'Elite Diplomat Academy' that nurtures future diplomats with the full range of competencies exemplified by HUFS
- LT (Language & Technology) Division An 'Elite Trade Academy' that leads global industries and international trade
- GBT (Global Business & Technology) Division Equips students with English language skills, IT capabilities, and a business mindset to become business leaders in the 21st century
- BME (BioMedical Engineering) Division Fosters education that integrates the biomedical and engineering fields by fully utilizing IT

HUFS, A Global Hub at One with the World, has been visited by prominent political leaders

Starting with former President Washington Beltran of Uruguay in 1975, HUFS has had the honor of hosting heads of state from around the world such as Hungary, Poland, Mongolia, Portugal, and Indonesia, and most recently former President Barack Obama of the United States in 2012, not to mention Ministers and Vice Ministers of Foreign Affairs, Prime Ministers, Speakers of Upper Houses, and Speakers of Parliaments from many nations.

- Heads of state who visited HUFS (44 visits in total paid by heads of state, including 22 former and incumbent Presidents)

- Barack Obama, former President of the United States (2012)
- Mikhail Gorbachev, former President of the Soviet Union (2001)
- · Joko Widodo, President of Indonesia (2018) · Anibal Antonio Cavaco Silva, former President of Portugal (2017)
- Tsakhiagin Elbegdori, former President of Mongolia (2016) Bronisław Komorowski, former President of the Republic of Poland (2013) Laura Chinchilla Miranda, former President of Costa Rica (2012)

- Pal Schmitt, former President of Hungary (2012) Abdullah Gul, former President of Turkey (2010) Georgi Sedefchov Parvanov, former President of Bulgaria (2009)
- Lech Kaczynski, former President of the Republic of Poland (2008) Traian Basescu, former President of Romania (2008) Elias Antonio Saca, former President of El Salvador (2006)
- Leonel Fernandez, former President of the Dominican Republic (2006)
- Traian Basescu, former President of Romania (2005) Joseph Kabila Kabange, former President of the Democratic Republic of the
- Stanislave S. Shushkevich, former President of Belarus (2004)
- Zhelyu Mitez Zhelev, former President of Bulgaria (1995)
- Alberto Kenya Fujimori, former President of buygirld (1993)

 * Alberto Kenya Fujimori, former President of the Republic of Peru (1993)

 * Fidel Sanches Hernandez, former President of El Salvador (1982)
- Washington Beltran, former President of Uruguay (1975)





3. Tecnológico de Monterrey (ITESM)

Mexico

Mexico's Tecnológico de Monterrey (ITESM) again ranks third this year. Established in 1943, today ITESM has 31 campuses across 25 Mexican cities.

ITESM scores well across all the indicators but earns its highest score in the employer reputation indicator. It's also worth noting that the university earns the highest faculty student ratio in the universities featured in the Top 10 in Latin America, demonstrating ITESM's commitment to high quality teaching.



2. Universidade de São Paulo (USP)

Brazil

The second ranked university in Latin America in 2021 and ranking joint 115th in the most recent World University Rankings is Universidade de São Paulo (USP).

USP was officially founded in 1934, but its law school was established much earlier, in 1827. Today, it is the largest public university in Brazil. USP earns perfect scores across five of the eight indicators, including employer reputation, web impact and international research network. This demonstrates the wide scope of the university's achievements and dedication to preparing graduates for employment.

USP has quickly achieved a leading role in many different fields as a research center and is now responsible for around 20 percent of all Brazilian academic output.





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1. Pontificia Universidad Católica de Chile (UC)

Chile

For the third year in a row, Pontificia Universidad Católica de Chile (UC) is once again the top ranked university in Latin America. UC places joint 121st in the most recent World University Rankings.

Established in 1888, UC is one of the six Catholic universities in Chile, with four campuses in the country's capital, Santiago, and one in Villarrica. It scores highly across all the indicators, with perfect scores for employer reputation and academic reputation – meaning that employment prospects for the university's graduates are very positive.



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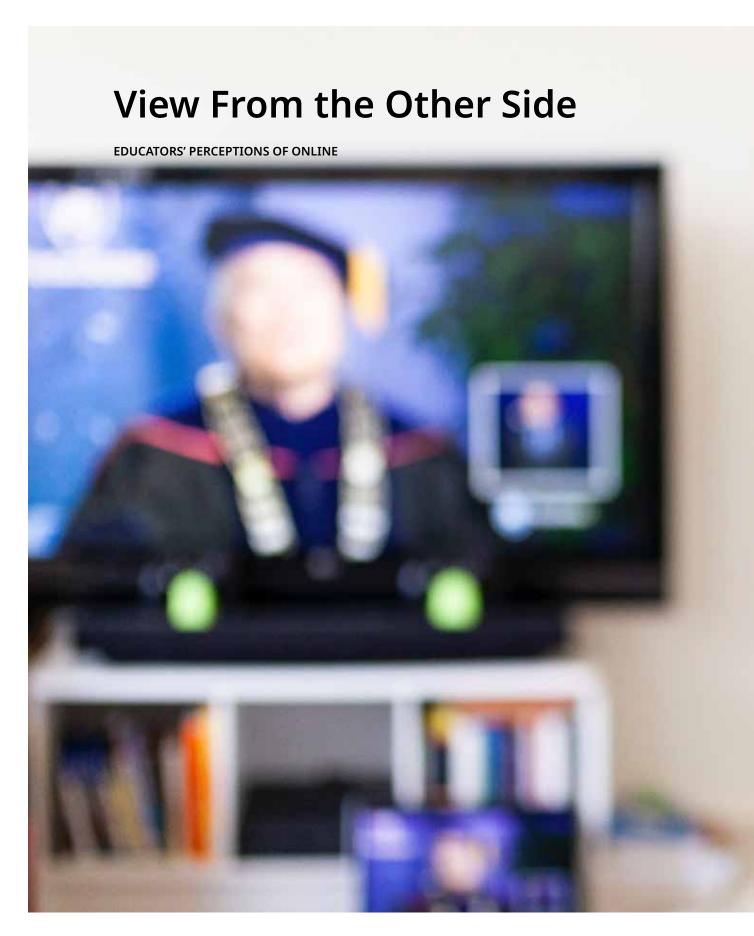
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QS conducts a series of ongoing surveys of academics, employers, and students on their perceptions of online education, its benefits, its challenges, and where it should move forward in the future.

Results from the survey of academics provide a useful insight into the thoughts of those at the coalface of education and highlight a wide range of opinions and considerations. While there is a level of concern around the effectiveness of online education, there is also a degree of hope that new opportunities and improvements for the benefit of students are emerging.

Respondents represent a broad range of subjects, from marketing, politics and international students, and business studies, to environmental sciences, anatomy and physiology, and engineering.

Interaction

One of the biggest concerns for educators is the level of peer-to-peer and teacher-to-student interaction. Several say it is at times difficult to maintain student motivation.

"Trying to replicate the face-to-face experience that truly facilitates the exchange of ideas in a non-verbal way. Human emotion and sense through physical interaction is not possible online," says one respondent.

"[Students] require social engagement with peers to build empathy, cooperation and success. I have not seen this occur in any online format."

Another respondent similarly highlights the difficulties caused through lack of eye contact with their students, saying they felt a disconnect within the online classroom and questions whether it is better suited for certain student demographics.

"Online education is much more appropriate for more mature students. Traditional age undergraduate students tend to require more structured learning and human interactions," the respondent says.

"Without human connection and support, many students lose interest or feel isolated and unmotivated."

Conversely, however, some academics believe the online delivery of education can enhance and improve communication with their students.

"The mind set of people whose comfort zone is the usual face-to-face interaction with students; online education entails a lot of openness on the part of the teachers to learning the ropes of online learning managements," notes one respondent.

"The work invested in their preparation pays off. We save time, the level of satisfaction of students is higher and they can use our materials and content more freely."

Secondary benefits

Some academics are very positive about the secondary benefits online education can provide outside of learning outcomes. One, in particular, highlights the reduced cost and environmental impact of the paperless world.

Without the need for large textbooks, they additionally point out the weight of students' bags is substantially reduced, and should therefore have substantial health and wellbeing benefits.

Additionally, several academics note the opportunity for professional development and to acquire new online teaching skills. Some say they previously had limited experience in the area and are enjoying the opportunity to gain new skill sets. Another points out once those skills are acquired, academics would see further long-term benefits.

"The work invested in their preparation pays off," the respondent says.

"We save time, the level of satisfaction of students is higher and they can use our materials and content more freely."

One academic similarly says there is a potential time saving benefit for teaching in producing and developing high quality learning materials, while another says they had more time to undertake their research responsibilities.



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How much can be taught online

Across the disciplines, there is a significant variance in academics' perceptions of the proportion of an area of expertise that can be brought online. On average, respondents believe roughly 55 percent of a course can be taught digitally. Perhaps

unsurprisingly, subjects with high levels of knowledge transfer had higher scores, and Library and Information Management, which deals largely in understanding databases, top the list, with academics saying just over three-quarters of course content can effectively be taught online.

Subject areas with more practical components rate well below average, with Drama, Dance and Performing arts determined to only allow 39 percent of a course to go digital. Three of the ten least adaptable subjects are also within the health and medicine fields, including dentistry at 37 percent, bottom of the list.









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Online vs face-to-face

Overwhelmingly, academics say online delivery of education os not identical to face-to-face delivery. The barriers academics identify primarily center around losing the non-verbal and motivational benefits of physical presence within a classroom.

Despite those concerns, however, many also say online education's differences are an opportunity. Respondents agree the online space can deliver education in new ways and several say they are hopeful institutions will use their foray into digital education to capitalize on its efficiencies and develop new modes of learning.

Other comments emphasize the potential to create further inter-disciplinary subjects.

The results of the survey show both a high level of awareness of barriers and a high level of enthusiasm for the benefits of online and blended models in the future.







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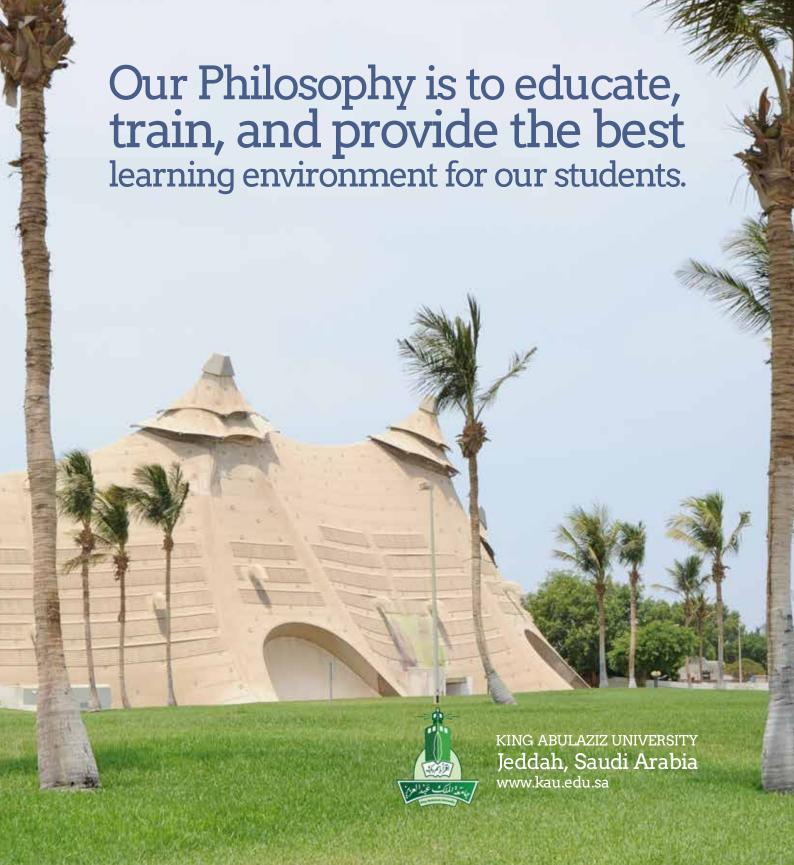
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