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The QS Stars Development Roadmap builds upon many years of experience collecting institutional data and compiling the QS World University Rankings®. The objective is to provide institutions with a broader range of criteria that allow them to stand out in their particular area(s) of excellence. The QS Stars system evaluates universities against a range of important performance indicators based on a rating method. It awards Stars to an institution according to a range of criteria and can include universities not traditionally well-placed in rankings.

A QS Stars rating can visually signal additional complexity beneath ranking results. It can encourage users and readers to accept that ranking results ought to be understood rather than simply accepted. It can also provide additional important information that is involved in the early stage of the university application decision-making process.

Ratings are not dependent on the performance of other institutions, but relate to an individual institution’s performance, which is measured against pre-set thresholds.

Further Assistance
If you need any further help interpreting the content of this report, have any questions or have discovered any anomalies, please contact QS. Detailed feedback and ideas for improvements are also very welcome: if there is any data of interest that could be collected in the future, it can be considered and potentially added to the project.

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Methodology Version: 4.2
The following section of the report contains the results obtained by QS University in each category of the Core Criteria. These criteria feature the key building blocks of a university whether focused globally, domestically or locally.

TEACHING

A key role of a university is the nurture of tomorrow's finest minds, inspiring the next generation of potential research academics. Typical indicators here are domestic teaching quality assessments, collation of student feedback, national student surveys and student faculty ratios. Indicators for the Teaching category are:

T1 Faculty student ratio
The ratio of faculty to students

T2 Overall student satisfaction / Completion
Proportion of students expressing satisfaction with overall experience in student survey / Proportion of students scheduled to graduate succeeding in doing so

T3 Satisfaction with teaching / Faculty with PhD
Proportion of students expressing satisfaction with teaching through student survey / Proportion of faculty with PhD or equivalent terminal degree

T4 Further study
Proportion of students pursuing further study within 12 months of graduation

The above figures outline the performance of QS University for the Teaching category. QSU has exceeded the minimum scoring level in all of the indicators in this category, its best result is in Overall Student Satisfaction with 100% of the 40 available points. QS University has scored a total of 119 points taking it to five stars for this category. The indicator that may most benefit from additional focus is Further Study.
EMPLOYABILITY

Graduate employability encompasses more than academic strength, focusing on ‘work-readiness’ - the ability to work effectively in a multi-cultural team, to deliver presentations, to manage people and projects. Common indicators in this area are surveys of employers, graduate employment rates and level of career service support. Indicators for the Employability category are:

E1  Employer reputation / Campus employer presence
Number of employer referees endorsing institution in QS Global Employer Survey / Number of distinct companies present at events on campus in a recent 12 month period

E2  Graduate employment rate
Proportion of students employed within 12 months of graduation (excluding those not actively seeking work e.g. pursuing further study)

E3  Careers service support
Number of full-time careers advisors or staff in careers department

This page describes the performance of QS University for each indicator in the Employability category. QS University has met the minimum threshold in all of the indicators in this category, its strongest performance is in Careers Service Support with 100% of the 50 available points. QS University has scored a total of 132 points qualifying it for five stars in this category. The indicator most open to development is Employer reputation.
CORE CRITERIA

RESEARCH

Indicators considered here include domestic assessments of research quality, productivity (i.e. number of papers published), citations (i.e. how recognised and referred to those papers are by other academics), awards (e.g. Nobel Prizes or Fields Medals). Indicators for the Research category are:

R1 Academic reputation
Number of academic referees endorsing institution in QS Global Academic Survey

R2 Citations per paper
Citations per paper – adjusted for institutions with negligible activity in medicine, science and technology

R3 Papers per faculty / Arts-related outputs
Research papers (Scopus) per faculty member / Recognition of academic outputs in disciplines where journal articles are not pervasive

R4 Acclaimed Academic Experts
Number of faculty members achieving international recognition through awards (e.g. Nobel Prizes or equivalent awards)

The above chart displays the performance of QS University against the maximum number of points available in each Research indicator. QS University has met the minimum threshold in all of the indicators in this category, its strongest performance is in Citations Per Paper with 30 of the available 40 points. Overall QS University has scored 72 points in this category qualifying it for three stars herein. The aspect with the best potential for further improvement is Papers per faculty.
INTERNATIONALIZATION

Students are studying outside their home countries at higher volumes than ever, and this mobility is accelerating. Universities are changing to meet this demand and leading institutions are at the forefront. For prospective international students, seeing a track-record of an institution for looking after international aspects as well as getting a sense for the international nature of the experience they can expect is increasingly important. Indicators identified to provide this insight are:

11 Institutional research collaborations
   University research collaborations or joint degree programs with QS top 500 universities in previous 3 years published rankings

12 International faculty
   Proportion of international faculty

13 International students
   Proportion of international students

14 Inbound exchange students
   Proportion of inbound exchange students

15 Outbound exchange students
   Proportion of outbound exchange students

16 Religious facilities
   Provision of appropriate facilities for international students of different religions

17 International diversity
   Number of nationalities represented in student body

<table>
<thead>
<tr>
<th>Indicator</th>
<th>Points Awarded</th>
<th>Points Available</th>
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<tr>
<td>Institutional research collaborations</td>
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</tr>
<tr>
<td>International faculty</td>
<td>12</td>
<td>20</td>
</tr>
<tr>
<td>International students</td>
<td>7</td>
<td>20</td>
</tr>
<tr>
<td>Inbound exchange students</td>
<td>4</td>
<td>20</td>
</tr>
<tr>
<td>Outbound exchange students</td>
<td>7</td>
<td>20</td>
</tr>
<tr>
<td>Religious facilities</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>International diversity</td>
<td>10</td>
<td></td>
</tr>
</tbody>
</table>

Figure I1: QS University’s performance against indicators in the Internationalization category

In Internationalization QS University scores 100 of the available 150 points exceeding the minimum in all of the indicators in this category and has achieved maximum results in 3. The aspect within Internationalization with the largest points shortfall is Inbound exchange students.
The above summarizes the performance of QS University for each category of the Core Criteria. The total number of points that can be achieved within each category is displayed against the number of points achieved by the university. The coloured bars display QS University’s individual points: an overall 423 were achieved from the total number of points available.

QS University has exceeded 48% in all areas. The best category results are in Employability with 88% of the 150 available points. QS University has scored a total of 423 points forming a substantial foundation for the overall rating. The category that may most benefit from additional focus is Research.
The Facilities category talks about the physical infrastructure of a university, providing students with some insight into the environment they can expect for their university experience. Indicators for the Facilities category are:

F1  **Sporting facilities**
Provision of key, popular sporting facilities (e.g. swimming pool, gym, track, sports court etc…)

F2  **Students accommodation**
Number of student rooms relative to size of student body

F3  **IT infrastructure**
Number of computers on campus; proportion of wired student rooms or campus Wi-Fi coverage

F4  **Library facilities**
Value or number of acquisitions with the past 12 months

F5  **Medical facilities**
Provision of medical facilities appropriate to the size of the student body

F6  **Student societies**
Number of student administered organizations

These are the results for the QS University Facilities audit. QS University has exceeded the minimum in all of the indicators in this category and has achieved maximum results in 4. QS University has scored a total of 85 points taking it to five stars for this category. The area meriting most attention is Library facilities.
For a university to aspire to being truly world-class, its mission and its impact must extend further than the basics. This selection of criteria looks at important factors that a university with a solid foundation in the core criteria might target to advance to a higher level of performance and recognition.

Naturally, we recognize that institutions worldwide can be very different from one another and this section of QS Stars is a key part of its distinction from rankings. Here an institution gets to tailor its evaluation towards the things that is best at. Unlike many ranking systems that apply the same criteria to all institutions, here art schools will not be measured for technology transfer and engineering colleges will not be measured on their contribution to the arts. Specialist institutions will be evaluated on the two advanced categories areas most relevant to them. Comprehensive universities will be evaluated on their two areas of greatest strength and the world’s most ambitious institutions may choose to be evaluated in all categories, but the top two areas will be counted towards their overall QS Stars rating. The advanced categories are:

- ARTS & CULTURE
- INNOVATION
- SOCIAL RESPONSIBILITY
- INCLUSIVENESS

The highlighted/shaded categories are those included in the QS Stars evaluation for QS University. A full explanation of what is included in the selected categories is included in the following pages, for details of what is featured in the other categories please visit the QS Intelligence Unit website (www.iu.qs.com) or contact your QS Stars analyst.
With government and private investment worldwide increasingly encouraging higher education institutions to focus on education and research in science and technology, universities have to work as hard as ever to promote and contribute to arts and culture. The Arts & Culture category is designed to recognize excellence in this area and acknowledge that selection of focus disciplines is not, in itself, a yardstick for quality. Arts & Culture indicators include:

**C1 Arts and culture facilities**
Arts and culture facilities

**C2 Concerts, events, and exhibitions**
Concerts and exhibitions featuring the work or performances of students and faculty

**C3 Artistic and cultural accolades**
Credits or cultural awards for students, faculty members or the institution as a whole in publically accessible works

**C4 Community art and cultural investment**
Financial contribution to arts projects outside the university OR investment in cultural preservation

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**Figure C1: QS University's performance against indicators in the Arts & Culture category**

This page describes the performance of QS University for each indicator in the Arts & Culture category. QS University has met the minimum threshold in 4 indicators in this category, its strongest performance is in Arts and culture facilities with 100% of the 15 available points. QS University has scored a total of 33 points qualifying it for four stars in this category.
ADVANCED CRITERIA

INCLUSIVENESS

For a university aspiring to become truly world-class, its mission and its impact must extend further beyond the basics. The indicators considered here include: provision of scholarships and bursaries - particularly relevant in today’s global trend of higher tuition fees and student assistance policy -, disabled access, gender equality and outreach effort to students from low-income families.

S1  Scholarships and bursaries
    Financial value of, or number of students granted access through, scholarships

S2  Disabled access
    Proportion of campus with wheelchair access

S3  Gender balance
    Recognition of gender parity

S4  Low-income outreach
    Proportion of students identified as low-income OR investment in promotion to low-income families

For Inclusiveness, QS University scores 49 of the 50 points on offer. QSU qualifies for scores in all of the indicators in this category and has achieved maximum points in 3. The indicator in the Inclusiveness category with the most space for improvement is Gender balance.
ADVANCED CRITERIA

ADVANCED CRITERIA SUMMARY

The performance of QS University for each category of our Advanced Criteria are outlined in the above table and chart. The total number of points that can be achieved within each category is displayed alongside the number of points awarded to the institution. The coloured bars reflect QSU’s individual points: an overall 82 were achieved from the 100 points available.

QSU has surpassed 66% in all evaluated areas. The best category results are in Inclusiveness with 98% of the 50 available points. QSU’s total of 82 points represents an excellent contribution to the overall rating. The category that may most benefit from additional focus is Arts & Culture.

<table>
<thead>
<tr>
<th>#</th>
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<th>Points Awarded</th>
<th>Points Available</th>
<th>Stars Awarded</th>
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<td>C</td>
<td>ARTS &amp; CULTURE</td>
<td>33</td>
<td>50</td>
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<tr>
<td>V</td>
<td>INNOVATION</td>
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<td>G</td>
<td>SOCIAL RESPONSIBILITY</td>
<td>N/A</td>
<td>50</td>
<td></td>
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<tr>
<td>S</td>
<td>INCLUSIVENESS</td>
<td>49</td>
<td>50</td>
<td>🌟🌟🌟🌟🌟</td>
</tr>
</tbody>
</table>

Total: 82 out of 100 points.
PROGRAM STRENGTH

In conventional public rankings specialist institutions tend to be underrated in favor of comprehensive institutions, yet in their given field they often fully deserve the "world-class" label. Part of the objective of QS Stars is to draw out some of these strengths and enable specialist institutions to rub shoulders with those that perennially find themselves at the top of league tables. The specialist criteria area lets institutions highlight their particular area of strength.

P1 Graduate employment rate
Proportion of students on the specialist program employed within 12 months of graduation (excluding those not actively seeking work e.g. pursuing further study)

P2 Average years' work experience / Completion
Average years' work experience (in months) prior to joining the specialist program / Rate of students on specialist program who graduate within the expected timeframe

P3 Student satisfaction
Overall satisfaction of students on the specialist program

P4 Faculty student ratio
The ratio of faculty to students on the specialist program

P5 Application per place
Number of completed applications per available place on the specialist program

P6 International students
Proportion of international students on the specialist program

P7 Accreditations
Internationally or domestically recognized accreditations for the specialist program

The specialist criteria operate a little different from earlier categories in this methodology. Here, we look at an institution's reputation in broad faculty areas and specific disciplines as well as achievements in accreditations. The total number of points that can be achieved within each category is displayed alongside the number of points awarded to the institution. The colored bars reflect QSU's individual points: an overall 118 were achieved from the 150 points available in Neurology.
Overall results for QS University in each category cluster

<table>
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<td>B</td>
<td>Learning Environment</td>
<td>85</td>
<td>100</td>
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<tr>
<td>C</td>
<td>Specialist Criteria</td>
<td>118</td>
<td>200</td>
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<tr>
<td>D</td>
<td>Advanced Criteria</td>
<td>82</td>
<td>100</td>
</tr>
<tr>
<td></td>
<td>Overall</td>
<td>708</td>
<td>1000</td>
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</tbody>
</table>

These are the overall results for QS University. 708 points were earned from the 1000 points available. As a result, QSU is awarded Five Stars.
The above chart displays the different levels of star ratings available. Each bar indicates the minimum number of points required for the corresponding Star level. QS University has been awarded with Five Stars (the minimum number of points required to achieve Five Stars is 700 points).

### OVERALL SUMMARY

<table>
<thead>
<tr>
<th>Category</th>
<th>Points Awarded</th>
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<td><strong>Core Criteria</strong></td>
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<td>T</td>
<td>Teaching</td>
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<tr>
<td>E</td>
<td>Employability</td>
<td>132</td>
<td>150</td>
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<tr>
<td>R</td>
<td>Research</td>
<td>72</td>
<td>150</td>
</tr>
<tr>
<td>I</td>
<td>Internationalization</td>
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<td>150</td>
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<tr>
<td><strong>Learning Environment</strong></td>
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<td>F</td>
<td>Facilities</td>
<td>85</td>
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<tr>
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<td>Online / Distance</td>
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<td>100</td>
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<tr>
<td><strong>Advanced Criteria</strong></td>
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</tr>
<tr>
<td>C</td>
<td>Arts &amp; Culture</td>
<td>33</td>
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<tr>
<td>V</td>
<td>Innovation</td>
<td>N/A</td>
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<tr>
<td>G</td>
<td>Social Responsibility</td>
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<tr>
<td>S</td>
<td>Inclusiveness</td>
<td>49</td>
<td>50</td>
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<td><strong>Specialist Criteria</strong></td>
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<td>S</td>
<td>Subject Ranking</td>
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<td>Program Strength</td>
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<tr>
<td><strong>Overall</strong></td>
<td>708</td>
<td>1000</td>
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</table>

The above chart displays the different levels of star ratings available. Each bar indicates the minimum number of points required for the corresponding Star level. QS University has been awarded with Five Stars (the minimum number of points required to achieve Five Stars is 700 points).
**QS University (QSU)** has earned an overall **5 Stars**, with strong performances in all categories of the QS Stars audit. The results were particularly impressive in Teaching, Employability, Facilities, and Inclusiveness, with 5 Stars and each, as well as 4 Stars in Internationalization, Program Strength, and Arts & Culture and 3 Stars in Research.

**Teaching** is one of the strongest categories for QS University, scoring 119 points and 5 Stars, suggesting an excellent teaching environment. The overall student satisfaction is high at 80%, for the full 40 points, as well as 32 points for a 70% rate of satisfaction with teaching. The indicator with the most room for improvement is Further Study, where QSU scored only 25% of the available points.

With the best results of all the core categories, **Employability** is a key component in QS University's success. The university's graduate employment rate is high, with 85% of graduates finding employment within 12 months. However, QSU can perform even better by increasing its focus on its reputations among employers both domestically and internationally. It is recommended that QSU provides QS with a list of up to 400 employers each year so that they may be invited to participate in the annual QS Employer Survey.

By comparison, **Research** is the weakest category of the audit, falling short of the 4 Star threshold by 13 points. Research is a crucial element for an institution which aims to make an impact in the international arena. QSU should also focus on improve its academic nominations in the QS Academic Survey to help boost the university's score in this category. In addition, attracting prestigious faculty with a record of prolific publishing and academic awards can help increase the university's research impact.

QS University received 4 Stars in **Internationalization**, scoring 100 out of a possible 150 points. Full points were awarded for having at least 50 research collaborations with QS Top 500 universities in a five year period, and for having at least 50 nationalities represented on campus. The university also has one multi-faith religious facility, for an additional 10 points. QSU can significantly enhance its score by expanding its international outreach and attracting more international students and faculty. Increasing inbound and outbound student exchanges will also improve internationalization, helping the university climb to 5 Stars in this category.

**Facilities** is another strong area for QSU, securing 85 out of 100 points and 5 Stars. Students have access to impressive sports facilities, a good IT infrastructure, an on-campus medical center, and a wide range of student-led societies to suit a variety of interests. In addition, there is adequate accommodation for all first-year students. Each of these contribute to an excellent overall performance. One suggestion for improvement is to increase the number of new library items purchased per student each year.

QS University gained 4 Stars in the **Program Strength** category for its specialist area, **Neurology**. QSU has demonstrated a stellar performance in the Graduate employment rate for graduates of this program, which stands at 92%. The completion rate for students on the program is also very good, with 90% of students graduating in the expected time. These results also suggest an excellent teaching environment, reflected in a 90% rate of student satisfaction with the neurology program. However, the university should look at improving the student/faculty ratio of its specialist program.

Out of the four Advanced Criteria categories available, QS University chose to be assessed in Arts & Culture and Inclusiveness. The institution achieved 4 Stars in **Arts & Culture**, a mere 2 points from the 5 Star threshold. QSU can significantly improve its score in this category by improving its arts facilities on campus, such as creating a dedicated space for performing arts. The university can also add a few points by holding more artistic or cultural events, such as concerts and art exhibitions, each year. As for **Inclusiveness**, QSU had an almost-perfect score of 49 out of 50 points. More than 200 students receive scholarships covering at least 50% of their tuition, buildings are accessible across campus, and nearly 20% of the student population comes from a low-income background. Each of these had a notable contribution towards the 5 Star result.

**QS Intelligence Unit has collected data from QS University and has evaluated it against the QS Stars criteria. Overall, QS University has achieved 708 points and has been awarded 5 Stars.**