



PRESS RELEASE

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## Major international distinctions of the National Technical University of Athens - The School of Civil Engineering fourth in the world

In the [Shanghai Ranking](#) of 2021, the NTUA scored major distinctions, most prominently in the subject of Civil Engineering. Specifically, the NTUA is ranked in this subject 4<sup>th</sup> in the world and 2<sup>nd</sup> in Europe.

SHANGHAI RANKING

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### 2021 Global Ranking of Academic Subjects 2021

ShanghaiRanking began to publish world university ranking by academic subjects in 2009. By introducing improved methodology, the Global Ranking of Academic Subjects (GRAS) was first published in 2017. The 2021 GRAS contains rankings of universities in 54 subjects

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Civil Engineering 300 Institutions

World Rank	Institution	Country/Region	Total Score	CNCI
1	Tongji University		366.5	69
2	ETH Zurich		266.9	79.2
3	Tsinghua University		250.8	79.2
4	National Technical University of Athens		229.5	68.9
5	The Hong Kong Polytechnic University		225.5	84












It is noted that in the field of Civil Engineering, the NTUA has always been high in the international rankings, ranked 7<sup>th</sup> in the Shanghai Ranking for the previous three years and was in the top 50 for many years in the QS ranking. But it is the first time it appears in the world's top five.

The Rector of the NTUA, Prof. **Andreas Boudouvis**, says: "This is an important achievement of the NTUA and a global promotion of the country, since for the first time in the history of worldwide assessments and rankings of universities, a university from Greece ranks in the top five. The NTUA aspires and has the potential to reach very high. With a commitment to extroversion, with hard work and persistent effort to tackle hardship and regression, with our pursuit of excellence and its recognition, and with an agenda of dynamic presence at the cutting edge of international scientific developments, the creative forces of the NTUA will achieve exceptional goals."

The Dean of the School of Civil Engineering, Prof. **Nikos Lagaros**, notes: "We are thrilled by this result, which gives us courage to continue our efforts for high quality teaching and research, and for meritocracy in a context of democratic function and transparency. And it comes at a time when we need an international moral reward, since our country not only does not reward us, but the measures it has taken over the last decade have hurt the School of Civil Engineering more than any other. Our teaching staff has been halved and our budget has been cut to one tenth!".

The 2021 Shanghai Ranking contains rankings of universities in 54 subjects across Natural Sciences, Engineering, Life Sciences, Medical Sciences, and Social Sciences. More than 1800 out of 4000 universities across 93 countries and regions are finally listed in the rankings. To quantify the performance of universities around the world, Shanghai Ranking used five academic indicators, namely those of research output (Q1), research influence (CNCI), international collaboration (IC), research quality (TOP), and international academic awards (AWARD).

Eleven Greek Universities are included in the ranking, as shown in the first table, with the NTUA holding the lead.

University	Best ranking and corresponding subject/Department/School	Number of subjects with distinction
 National Technical University of Athens	4 (Civil Engineering)	15
 University of Crete	51-75 (Public Health)	8
 Aristotle University of Thessaloniki	76-100 (Telecommunication Engineering)	22
 National and Kapodistrian University of Athens	101-150 (Physics, Dentistry & Oral Sciences, Nursing)	15
 University of Thessaly	101-150 (Veterinary Sciences)	4
 Agricultural University of Athens	101-150 (Food Science & Technology)	4
 University of Patras	151-200 (Civil Engineering)	8
 Athens University of Economics and Business	201-300 (Business Administration)	2
 University of Ioannina	301-400 (Physics)	3
 Harokopio University Athens	401-500 (Public Health)	1
 University of Piraeus	301-400 (Economics)	1

In addition to the subject of Civil Engineering, the NTUA appears in 14 other subjects, as shown in the second table, which includes a comparison with four other Greek universities that deal with corresponding areas.

The four best rankings, after that in the field of Civil Engineering, are marine technology, water resources, transport technology, and automation and control. These subjects are interdepartmental, but it is characteristic that the two of them (Water Resources, Transportation Science & Technology) are primarily dealt with in the School of Civil Engineering, which participates in another of the four (Marine/Ocean Engineering, primarily served by the School of Naval Architecture & Marine Engineering).

It is also interesting that the NTUA is also distinguished in subjects which do not belong to the main body of its scientific areas, such as atmospheric and economic science.

<b>Subject/Department/School</b>	<b>National Technical University of Athens</b>	<b>University of Crete</b>	<b>Aristotle University of Thessaloniki</b>	<b>National and Kapodistrian University of Athens</b>	<b>University of Patras</b>
Civil Engineering	<b>4</b>		<b>201-300</b>		<b>151-200</b>
Marine/Ocean Engineering	<b>41</b>				
Water Resources	<b>151-200</b>				
Transportation Science & Technology	<b>151-200</b>		<b>151-200</b>		
Automation & Control	<b>151-200</b>				
Electrical & Electronic Engineering	<b>201-300</b>		<b>151-200</b>	<b>401-500</b>	<b>301-400</b>
Atmospheric Science	<b>201-300</b>	<b>151-200</b>	<b>151-200</b>	<b>201-300</b>	<b>201-300</b>
Energy Science & Engineering	<b>201-300</b>		<b>301-400</b>		
Physics	<b>201-300</b>		<b>401-500</b>	<b>101-150</b>	
Telecommunication Engineering	<b>201-300</b>		<b>76-100</b>	<b>201-300</b>	
Chemical Engineering	<b>301-400</b>		<b>201-300</b>		<b>301-400</b>
Mechanical Engineering	<b>301-400</b>		<b>301-400</b>		<b>201-300</b>
Mathematics	<b>301-400</b>	<b>201-300</b>			
Economics	<b>301-400</b>				
Computer Science & Engineering	<b>401-500</b>		<b>401-500</b>		

Notably, the NTUA does not appear in a similar rank when assessed as a whole, without reference to a particular subject. The reason is that it is a small university with selected (technological) coverage of the whole area of sciences and with only 9 Departments (Mono-departmental Schools). On the contrary, the Aristotle University of Thessaloniki and the University of Athens have multiple departments and subjects each. It is therefore expected that the NTUA would rank below these two,

when each is assessed as a whole, and this also happens in the Shanghai Ranking. NTUA's strength and quality are highlighted when examined by subject, as shown in the above data.

Nevertheless, in other rankings it is found to be the first university in the country, as in the very recent QS ranking for the year 2022. Not only is the NTUA ranked first in Greece, but it is also the only Greek university in the top 500 in the world, as shown in the picture below.

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↑ Rank	↓ University	↓ Overall Score	
=421	<b>National Technical University of Athens</b> <small>📍 Athens, Greece</small>	27.3	<a href="#">Know More</a> <span style="margin-left: 10px;">📄</span> <span style="margin-left: 10px;">❤️</span>
551-560	<b>Aristotle University of Thessaloniki</b> <small>📍 Thessaloniki, Greece</small>	-	<a href="#">Know More</a> <span style="margin-left: 10px;">📄</span> <span style="margin-left: 10px;">❤️</span>
651-700	<b>National and Kapodistrian University of Athens</b> <small>📍 Athens, Greece</small>	-	<a href="#">Know More</a> <span style="margin-left: 10px;">📄</span> <span style="margin-left: 10px;">❤️</span>
651-700	<b>University of Crete</b> <small>📍 Heraklion, Greece</small>	-	<a href="#">Know More</a> <span style="margin-left: 10px;">📄</span> <span style="margin-left: 10px;">❤️</span>
801-1000	<b>University of Patras</b> <small>📍 Patras, Greece</small>	-	<a href="#">Know More</a> <span style="margin-left: 10px;">📄</span> <span style="margin-left: 10px;">❤️</span>
1001-1200	<b>Athens University of Economics and Business</b> <small>📍 Athens, Greece</small>	-	<a href="#">Know More</a> <span style="margin-left: 10px;">📄</span> <span style="margin-left: 10px;">❤️</span>