

2021 UI GreenMetric World University Rankings

Ver 1.0



University Name
Date of Establishment
Address
Longitude
URL of the official website
Region (Based on region classification)
Rector / President / Vice Chancellor of University
Sustainability Director
PIC/Sustainability Director
PIC/Sustainability Director's e-mail address
Partnerships on Sustainability

Latitude

a. Networks:

1. Local (please select from the available networks' names below or add additional network)

2. Regional (please select from the available networks' names below or add additional network)

3. International (please select from the available networks' names below or add additional network)

b. Partners :

1. Government

2. Community and/or Business

3. Educational Institution

No	CRITERIA	INDICATIVE PERFORMANCE MEASURE					Point	Evidence
1	Setting and Infrastructure (SI)							
1.1.	Type of higher education institution	[1] Comprehensive	[2] Specialized higher education institution					
1.2.	Climate	[1] Tropical wet	[2] Tropical wet and dry	[3] Semiarid	[4] Arid	[5] Mediterranean		
		[6] Humid subtropical	[7] Marine west coast / Oceanic Climate	[8] Humid continental	[9] Subarctic			
1.3.	Number of campus sites	Provide number						required
1.4.	Campus setting	[1] Rural	[2] Suburban	[3] Urban	[4] City center	[5] High rise building area		required
1.5.	Total campus area (m ²)	Provide number						required
1.6.	Total campus ground floor area of buildings (m ²)	Provide number						
1.7.	Total campus buildings area (m ²)	Provide number						required
1.8.	SI1 The ratio of open space area to total area	[1] ≤ 1%	[2] > 1 - 80%	[3] > 80 - 90%	[4] > 90 - 95%	[5] > 95%	200	required
1.9.	SI2 Total area on campus covered in forest vegetation	[1] ≤ 2%	Provide number	[4] > 22 - 35%	Provide number		100	required
		[2] > 2 - 9%	Provide number	[5] > 35%	Provide number			
		[3] > 9 - 22%	Provide number					
1.10.	SI3 Total area on campus covered in planted vegetation	[1] ≤ 10%	Provide number	[4] > 30 - 40%	Provide number		200	required
		[2] > 10 - 20%	Provide number	[5] > 40%	Provide number			
		[3] > 20 - 30%	Provide number					
1.11.	SI4 Total area on campus for water absorption besides the forest and planted vegetation	[1] ≤ 2%	Provide number	[4] > 20 - 30%	Provide number		100	required
		[2] > 2 - 10%	Provide number	[5] > 30%	Provide number			
		[3] > 10 - 20%	Provide number					
1.12.	Total number of regular students (part time and full time)	Provide number						
1.13.	Total number of online students (part time and full time)	Provide number						
1.14.	Total number of academic and administrative staff	Provide number						
1.15	Estimated total population in campus during Covid-19 pandemic	Provide number						
1.16.	SI5 The total open space area divided by total campus population	[1] ≤ 10 m ² /person	[2] > 10 - 20 m ² /person	[3] > 20 - 40 m ² /person	[4] > 40 - 70 m ² /person	[5] > 70 m ² /person	200	
1.17.	Total university budget (in US Dollars)	Provide number						
1.18.	University budget for sustainability effort (in US Dollars)	Provide number						required
1.19.	SI6 Percentage of university budget for sustainability efforts	[1] ≤ 1%	[2] > 1 - 5%	[3] > 5 - 10%	[4] > 10 - 15%	[5] > 15%	200	

1.20	SI7	Percentage of operation and maintenance activities during Covid-19 pandemic	[1] < 25%	[2] > 25 - 50%	[3] >50 - 75%	[4] >75-99%	[5] 100%	100	required		
1.21	SI8	Campus facilities for difable, special needs and or maternity care	[1] None	[2] Policy is inplace	[3] Facilities are in planning stage	[4] Facilities are partially available and operated	[5] Facilities exist in all buildings and are fully operated	100	required		
1.22	SI9	Security and safety facilites	[1] Passive security system	[2] Security infrastructure (CCTV, panic button) available	[3] Security infrastructure (CCTV, panic button, personel, fire extinguisher, hydrant) available	[4] Security infrastructure available and security responding time for accident, crime, fire and natural dissaster more than 10 minutes	[5] Security infrastructure available and security responding time for accident, crime, fire and natural dissaster less than 10 minutes	100	required		
1.23	SI10	Health infrastructure facilities for students, academics and administrative staffs' wellbeing	[1] Health infrastructure (first aid) is not available	[2] Health infrastructure (first aid, emergency room, clinic and personel) available	[3] Health infrastructure (first aid, emergency room, clinic and certified personel) available	[4] Health infrastructure (first aid, emergency room, clinic, hospital and certified personel) available	[5] Health infrastructure available (first aid, emergency room, clinic,hospital and certified personel), system and accessible for public	100	required		
1.24	SI11	Conservation: plant, animal, and wildlife, genetic resources for food and agriculture secured in either medium or long-term conservation facilities	[1] Conservation program in preparation	[2] Conservation program 1- 25% implemented	[3] Conservation program 25- 50% implemented	[4] Conservation program 50- 75% implemented	[5] Conservation program fully implemented	100	required		
2 Energy and Climate Change (EC)											
2.1.	EC1	Energy efficient appliances usage	[1] < 1%	[2] 1 - 25%	[3] > 25 - 50%	[4] > 50 - 75%	[5] > 75%	200	required		
2.2.		Total campus' smart building area (m ²)	Provide number								
2.3.	EC2	Smart building implementation	[1] < 1%	[2] 1 - 25%	[3] > 25 - 50%	[4] > 50 - 75%	[5] > 75%	300	required		
2.4.	EC3	Number of renewable energy sources on campus	[1] None	[2] 1 source	[3] 2 sources	[4] 3 sources	[5] > 3 sources	300			
2.5.		Renewable energy sources and its capacity (in kilowatt hour)	[1] None	[2] Bio diesel provide capacity in kilowatt hours	[3] Clean biomass provide capacity in kilowatt hours	[4] Solar power provide capacity in kilowatt hours	[5] Geothermal provide capacity in kilowatt hours	[6] Wind power provide capacity in kilowatt hours	[7] Hydropower provide capacity in kilowatt hours	[8] Combine Heat and Power provide capacity in kilowatt hours	required
2.6.		Electricity usage per year (in kilowatt hours)	Provide number								
2.7.	EC4	Total electricity usage divided by total campus' population (kWh per person)	[1] ≥ 2424 kWh	[2] ≥ 1535 - 2424 kWh	[3] ≥ 633 - 1535 kWh	[4] ≥ 279 - 633 kWh	[5] < 279 kWh	300			
2.8.	EC5	The ratio of renewable energy production divided by total energy usage per year	[1] ≤ 0.5%	[2] > 0.5 - 1%	[3] > 1 - 2%	[4] > 2 - 25%	[5] > 25%	200	required		
2.9.	EC6	Elements of green building implementation as reflected in all construction and renovation policies	[1] None (There is no green building implementation in your university)	[2] 1 element	[3] 2 elements	[4] 3 elements	[5] > 3 elements	200	required		
2.10.	EC7	Greenhouse gas emission reduction program	[1] None (Reduction program is needed, but nothing has been done)	[2] Program in preparation (e.g. feasibility study and promotion)	[3] Program(s) aimed to reduce one out of three scopes emissions (Scope 1 or 2 or 3)	[4] Program(s) aimed to reduce two out of three scopes emissions (Scope 1 and 2 or Scope 1 and 3 or Scope 2 and 3)	[5] Program(s) aimed to reduce all three scopes emissions (Scope 1, 2 and 3)	200	required		
2.11.		Total carbon footprint (CO ₂ emission in the last 12 months, in metric tons)	Provide number								
2.12.	EC8	Total carbon footprint divided by total campus' population (metric tons per person)	[1] ≥ 2.05 metric tons	[2] > 1.11 - 2.05 metric tons	[3] > 0.42 - 1.11 metric tons	[4] > 0.10 - 0.42 metric ton	[5] < 0.10 metric ton	200			
2.13	(EC9)	Number innovative program(s) during Covid-19 pandemic	[1] None	[2] 1 program	[3] 2 programs	[4] 3 programs	[5] more than 3 programs	100	required		
2.14	(EC10)	Impactful university program(s) on climate change	[1] None	[2] Program in preparation	[3] Provide training and educational materials for surrounding communities	[4] Provide training and educational materials for surrounding communities and at national level	[5] Provide training and educational materials for surrounding communities, at national level, and at regional and international level	100	required		
3 Waste (WS)											
3.1.	WS1	Recycling program for university's waste	[1] None	[2] Partial (1 - 25% of waste)	[3] Partial (> 25 - 50% of waste)	[4] Partial (> 50 - 75% of waste)	[5] Extensive (> 75% of waste)	300	required		
3.2.	WS2	Program to reduce the use of paper and plastic on campus	[1] None	[2] 1 program	[3] 2 programs	[4] 3 programs	[5] More than 3 programs	300	required		

3.3.	WS3	Organic waste treatment	[1] Open dumping	[2] Partial (1 - 25% treated)	[3] Partial (> 25 - 50% treated)	[4] Partial (> 50 - 75% treated)	[5] Extensive (> 75% treated)	300	required		
3.4.	WS4	Inorganic waste treatment	[1] Burned in open	[2] Partial (1 - 25% treated)	[3] Partial (> 25 - 50% treated)	[4] Partial (> 50 - 75% treated)	[5] Extensive (> 75% treated)	300	required		
3.5.	WS5	Toxic waste treatment	[1] Not managed	[2] Partial (1 - 25% treated)	[3] Partial (> 25 - 50% treated)	[4] Partial (> 50 - 75% treated)	[5] Extensive (> 75% treated)	300	required		
3.6.	WS6	Sewage disposal	[1] Untreated into waterways	[2] Treated conventionally	[3] Treated technically for reuse	[4] Treated technically for downcycling	[5] Treated technically for upcycling	300	required		
4 Water (WR)											
4.1.	WR1	Water conservation program & implementations	[1] None (Conservation program is needed, but nothing has been done)	[2] Program in preparation (e.g. feasibility study and promotion)	[3] 1 - 25% implemented at early stage (e.g. measurement of potential surface runoff volume)	[4] > 25 - 50% water conserved	[5] > 50% water conserved	200	required		
4.2.	WR2	Water recycling program implementation	[1] None (Water recycling program is needed, but nothing has been done)	[2] Program in preparation (e.g. feasibility study and promotion)	[3] 1 - 25% implemented at early stage (e.g. measurement of waste water)	[4] > 25 - 50% water recycled	[5] > 50% water recycled	200	required		
4.3.	WR3	Water efficient appliances usage	[1] None (Water efficient appliances are needed, but nothing has been done)	[2] Program in preparation (e.g. feasibility study and promotion)	[3] 1 - 25% of water efficient appliances installed	[4] > 25 - 50% of water efficient appliances installed	[5] > 50% of water efficient appliances installed	200	required		
4.4.	WR4	Consumption of treated water	[1] None	[2] 1 - 25% treated water consumed	[3] > 25 - 50% treated water consumed	[4] > 50 - 75% treated water consumed	[5] > 75% treated water consumed	200	required		
4.5	WR5	Percentage of additional handwashing and sanitation facilities during Covid-19 pandemic	[1] None	[2] 1 - 25% of total number of bulding	[3] > 25 - 50% of total number of bulding	[4] > 50 - 75% of total number of bulding	[5] > 75% of total number of bulding	200	required		
5 Transportation (TR)											
5.1.		Number of cars actively used and managed by university	Provide number								
5.2.		Number of cars entering the university daily	Provide number								
5.3.		Number of motorcycles entering the university daily	Provide number								
5.4.	TR1	The total number of vehicles (cars and motorcycles) divided by total campus' population	[1] ≥ 1	[2] > 0.5 - 1	[3] > 0.125 - 0.5	[4] > 0.045 - 0.125	[5] < 0.045	200	required		
5.5.	TR2	Shuttle services	[1] Shuttle service is possible but not provided by university	[2] Shuttle service is provided (by university or other parties) and regular but not free	[3] Shuttle service is provided (by university or other parties) and the university contributes a part of the cost	[4] Shuttle service is provided by university, regular, and free	[5] Shuttle service is provided by university, regular, and zero emission vehicle. Or shuttle use is not applicable	300	required		
5.6.		Number of shuttles operated in the university	Provide number								
5.7.		Average number of passengers of each shuttle	Provide number								
5.8.		Total trips of each shuttle services each day	Provide number								
5.9.	TR3	Zero Emission Vehicles (ZEV) policy on campus	[1] Zero Emission Vehicles are not available	[2] Zero Emission Vehicles use is not possible or practical	[3] Zero Emission Vehicles are available, but not provided by university	[4] Zero Emission Vehicles are available, provided by university and charged	[5] Zero Emission Vehicles are available, and provided by university free	200	required		
5.10.		Average number of Zero Emission Vehicles (e.g. bicycles, cano, snowboard, electric car, etc.) on campus per day	Provide number								
5.11.	TR4	The total number of Zero Emission Vehicles (ZEV) divided by total campus population	[1] ≤ 0.002	[2] > 0.002 to ≤ 0.004	[3] > 0.004 to ≤ 0.008	[4] > 0.008 to ≤ 0.02	[5] > 0.02	200			
5.12.		Total ground parking area (m ²)	Provide number								
5.13.	TR5	Ratio of ground parking area to total campus area	[1] > 11%	[2] > 7 - 11%	[3] > 4 - 7%	[4] > 1 - 4%	[5] < 1%	200	required		
5.14.	TR6	Program to limit or decrease the parking area on campus for the last 3 years (from 2018 to 2020)	[1] None	[2] Program in preparation (e.g. feasibility study and promotion)	[3] Program resulting in less than 10% decrease in parking area	[4] Program resulting in 10 - 30% decrease in parking area	[5] Program resulting in more than 30% decrease in parking area or parking area reduction reaching its limit.	200	required		
5.15.	TR7	Number of initiatives to decrease private vehicles on campus	[1] No initiative	[2] 1 initiative	[3] 2 initiatives	[4] 3 initiatives	[5] > 3 initiatives, or initiative is no longer required	200	required		
5.16.	TR8	Pedestrian path on campus	[1] None	[2] Pedestrian paths are available	[3] Pedestrian paths are available, and designed for safety	[4] Pedestrian paths are available, designed for safety and convenience	[5] Pedestrian paths are available, designed for safety, convenience, and in some parts provided with disabled-friendly features	300	required		
5.17.		Approximate daily travel distance of a vehicle inside your campus only (in Kilometers)	Provide number								

6		Education and Research (ED)							
6.1.		Number of courses/subjects related to sustainability offered	Provide number						required
6.2.		Total number of courses/subjects offered	Provide number						required
6.3.	ED1	The ratio of sustainability courses to total courses/subjects	[1] ≤ 1%	[2] > 1 - 5%	[3] > 5 - 10%	[4] > 10 - 20%	[5] > 20%	300	
6.4.		Total research funds dedicated to sustainability research (in US Dollars)	Provide number						required
6.5.		Total research funds (in US Dollars)	Provide number						required
6.6.	ED2	The ratio of sustainability research funding to total research funding	[1] ≤ 1%	[2] > 1 - 8%	[3] > 8 - 20%	[4] > 20 - 40%	[5] > 40%	200	
6.7.	ED3	Number of scholarly publications on sustainability	[1] 0	[2] 1 - 20	[3] 21 - 83	[4] 84 - 300	[5] > 300	200	required
6.8.	ED4	Number of events related to sustainability	[1] 0	[2] 1 - 4	[3] 5 - 17	[4] 18 - 47	[5] > 47	200	required
6.9.	ED5	Number of student organizations related to sustainability	[1] 0	[2] 1 - 2	[3] 3 - 4	[4] 5 - 10	[5] > 10	200	required
6.10.	ED6	University-run sustainability website	[1] Not available	[2] Website in progress or under construction	[3] Website is available and accessible	[4] Website is available, accessible, and updated occasionally	[5] Website is available, accessible, and updated regularly	200	
6.11.		Sustainability website address (URL) if available	Provide website address (URL)						
6.12.	ED7	Sustainability report	[1] Not available	[2] Sustainability report is in preparation	[3] Available but not publicly accessible	[4] Sustainability report is accessible and published occasionally	[5] Sustainability report is accessible and published annually	100	required
6.13.	ED8	Number of cultural activities on campus (e.g.Cultural Festival) including virtual activities (if any)	[1] None	[2] 1 event per year	[3] 2 events per year	[4] 3 events per year	[5] more than 3 events per year	100	required
6.14.	ED9	Number of university program(s) to cope with Covid-19 pandemic (e.g. internet bandwidth improvement, video conferencing facilities, etc)	[1] None	[2] 1 Program	[3] 2 Programs	[4] 3 Programs	[5] more than 3 programs	100	required
6.15.	ED10	Number of sustainability community services project organised and/or involving students	[1] none	[2] 1 Project	[3] 2 Projects	[4] 3 Projects	[5] more than 3 Projects	100	required
6.16.	ED11	Number of sustainability-related startups	[1] none	[2] 1 - 5 startups	[3] 6 - 10 startups	[4] 11 - 15 startups	[5] > 15 startups	100	required

Note : Light green indicates new questions introduced in 2021