

UAS Challenge 2020

Design Scores

#	University	Team	Scores			
			CP	PDR	CDR	TOTAL
			20	50	100	170
1	Open	oUFO	14	31	65	110
2	Islamic University of Technology	ANTS	13	42	74	129
3	Manchester	Phoenix	11	36	69	116
4	Sheffield	Project HEX	12	29	70	111
5	Aberdeen	Aerospace in Aberdeen	10	31	49	90
6	Southampton	QuadWing	13	37	78	128
8	Loughborough	Loughborough UAV	12	37	65	114
9	Petroleum and Energy Studies	WRise	12	22	53	87
10	Sheffield Hallam	Hallam Aviation	8	32	68	108
11	Brunel	BRUAS	13	32	78	123
12	Twente	A3T	13	32	76	121
13	Huddersfield	Hawk	13	38	79	130
14	Sheffield	Volaticus	9	26	53	88
15	NUST	NUST Airworks	12	31	80	123
16	Wrexham Glyndwr	WHIF!	10	35	70	115
17	Institute of Space Technology	IST Aero Aztechs	9	29	65	103
18	Ghulam Ishaq Khan Institute	Foxtrot	12	37	58	107
19	Istanbul Technical	Albatros	8	21	51	80
20	UCL	Dronex	8	29	59	96
21	UCL	Nova	11	34	64	109
22	Surrey	Peryton	9	28	69	106
23	Southern Denmark	SDU Eagles	12	37	51	100
24	Swansea	Curiosity	9	0	71	80
26	Imperial College London	ICAV	11	38	78	127
27	Dundee	Haggis Aerospace	9	41	62	112
28	Manipal Academy of Higher Education	DronAid	7	27	50	84
29	Moratuwa	Mora Avions	8	31	42	81
30	West of England	UWE	8	36	50	94
31	Queen's Belfast	ASAP	14	46	77	137
32	Queen Mary	QMUL AirSpace	14	30	48	92
33	Turkish-German	The Union of International Engineers	11	12	47	70
34	Central Lancashire	Falcon	12	25	25	62
35	Concordia	Vertical Flight Society	13	17	65	95
36	Coventry	Phoenix	11	36	35	82
37	Strathclyde	Strath UA	12	38	67	117
38	Swansea	Blue Swan	10	27	39	76

Universities new to the Challenge are highlighted in blue.

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Safety Scores

#	University	Team	PDR	CDR	Total
			6	15	21
1	Open	oUFO	4	13	16.5
2	Islamic University of Technology	ANTS	4	10	14.0
3	Manchester	Phoenix	3	6	8.5
4	Sheffield	Project HEX	2	11	13.0
5	Aberdeen	Aerospace in Aberdeen	4	12	15.5
6	Southampton	QuadWing	3	9	11.5
8	Loughborough	Loughborough UAV	4	10	13.5
9	Petroleum and Energy Studies	WRise	3	4	7.0
10	Sheffield Hallam	Hallam Aviation	4	7	11.0
11	Brunel	BRUAS	5	14	18.5
12	Twente	A3T	2	10	11.5
13	Huddersfield	Hawk	4	12	16.0
14	Sheffield	Volaticus	5	6	11.0
15	NUST	NUST Airworks	3	12	15.0
16	Wrexham Glyndwr	WHIF!	4	10	14.0
17	Institute of Space Technology	IST Aero Aztechs	4	8	11.5
18	Ghulam Ishaq Khan Institute	Foxtrot	4	12	15.5
19	Istanbul Technical	Albatros	1	6	6.5
20	UCL	Dronex	5	12	16.5
21	UCL	Nova	4	8	12.0
22	Surrey	Peryton	3	10	12.5
23	Southern Denmark	SDU Eagles	3	10	13.0
24	Swansea	Curiosity	1	11	11.5
26	Imperial College London	ICAV	5	11	16.0
27	Dundee	Haggis Aerospace	2	5	7.0
28	Manipal Academy of Higher Education	DronAid	2	8	9.5
29	Moratuwa	Mora Avions	2	6	7.5
30	West of England	UWE	4	7	10.5
31	Queen's Belfast	ASAP	4	9	12.5
32	Queen Mary	QMUL AirSpace	4	9	13.0
33	Turkish-German	The Union of International Engineers	2	6	8.0
34	Central Lancashire	Falcon	3	5	8.0
35	Concordia	Vertical Flight Society	1	11	12.0
36	Coventry	Phoenix	4	6	10.0
37	Strathclyde	Strath UA	4	10	13.5
38	Swansea	Blue Swan	3	8	11.0

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Business Proposition

#	University	Team	Target Market	Sales Projections	Revenue Model	Market Fit	Total
			20	20	20	40	100
1	Open	oUFO	6	3	5	13	27
2	Islamic University of Technology	ANTS	14	11	13	26	63
6	Southampton	QuadWing	13	7	11	24	55
8	Loughborough	Titan	13	11	11	21	56
12	Twente	A3T	12	7	9	24	52
13	Huddersfield	Hawk	10	13	12	22	58
16	Wrexham Glyndwr	WHIF!	11	10	10	22	53
23	Southern Denmark	SDU Eagles	11	10	8	20	48
26	Imperial College London	ICAV	13	11	10	15	49
31	Queen's Belfast	ASAP	13	13	12	23	61

Media & Engagement

#	University	Team	Promotion	A0 Poster	Total
			30	20	50
1	Open	oUFO	12	7	19
2	Islamic University of Technology	ANTS	24	14	37
6	Southampton	QuadWing	4	13	17
8	Loughborough	Titan	13	11	24
12	Twente	A3T	19	11	30
13	Huddersfield	Hawk	18	13	32
16	Wrexham Glyndwr	WHIF!	19	9	28
23	Southern Denmark	SDU Eagles	8	11	20
26	Imperial College London	ICAV	12	11	23
31	Queen's Belfast	ASAP	14	14	29