

Report Social distancing impact on teaching spaces

Report date 29 May 2020

Introduction

Due to the impact of Covid-19, it is possible that the government may impose strict social distancing rules of 2m in classrooms from September 2020. During May 2020, Peter Davies and Bridget Boylan, reviewed the layout and capacity of circa 260 teaching spaces across the University and this report details the findings.

Findings

To accommodate 2m social distancing in each teaching space there will have to be a dramatic reduction in capacity in all the teaching spaces, as shown in the tables which follow.

Part 1 – Main teaching rooms

The main teaching room information has been grouped by:

- Centrally Controlled rooms
- CEDPS Managed rooms
- CBASS Managed rooms
- CHLMS Managed rooms
- Other Managed rooms (LBIC, BLC, Grad school, Library and ASK)

Part 2 – Other spaces

Other spaces which could be brought into the main teaching timetable have been analysed:

- Hamilton conferencing and nightclub
- STEM Centre room
- Sports complex – has been analysed by the Timetabling team for Exams layouts at 2m.

Part 3 – A comparison of 2m, 1.5m and 1m social distancing

Finally, a desk exercise has been done on the 8 rooms reviewed on 4th and 5th May to show the effect of social distancing at 1m and 1.5m as well as 2m.

Part 1 – Main Teaching rooms

Centrally Controlled rooms summary

Overall the Centrally Controlled rooms capacity has reduced by 79%.

Name	Scientia Capacity	New capacity	Social Distancing capacity @2m	Actual Reduction in capacity @2m	Percentage Reduction in capacity @2m
Lecture Centre	4242		820	3422	81%
Bannerman	289		68	221	76%
Eastern Gateway	675		162	513	76%
Various	635	607	128	479	75%
Centrally Controlled	5841	5813	1178	4635	79%

Notes on the data which apply to all tables:

Note 1: 'New Capacity' records where observed capacity differs to that recorded in Scientia.

Note 2: 'New Capacity' is used in the calculation of Actual Reduction and Percentage Reduction where it exists, otherwise Scientia capacity is used.

See Appendix 1 for the detail of the Centrally Controlled Rooms.

(To note there are some centrally managed rooms not included above – but the vast majority are included).

CEDPS Summary

Overall CEDPS capacity reduces by 58% in rooms across 8 buildings.

Name	Scientia Capacity	New capacity	Social Distancing capacity @2m	Actual Reduction in capacity @2m	Percentage Reduction in capacity @2m
Tower A	294	275	122	153	56%
Tower B	321	316	148	168	53%
Tower C	446		185	261	59%
Tower D	282	263	79	184	70%
Michael Sterling	337		129	208	62%
Wilfred Brown	210		94	116	55%
Howell	83		38	45	54%
Quad North	55		38	17	31%
CEDPS	2028	1985	833	1152	58%

See Appendix 2 for the detail of CEDPS rooms.

CBASS Summary

Overall CBASS capacity reduces by 65% in rooms across 5 buildings.

Name	Scientia Capacity	New capacity	Social Distancing capacity @2m	Actual Reduction in capacity @2m	Percentage Reduction in capacity @2m
Antonin Artaud	556	522	160	362	69%
Gaskell	395	406	149	257	63%
Marie Jahoda	40		16	24	60%
Eastern Gateway	250		111	139	56%
Elliott Jaques	60	229	75	154	67%
CBASS	1301	1447	511	936	65%

Note: The high new capacity of Elliott Jaques is due to the 5 new teaching spaces being created for MPS/Babcock over the summer.

See Appendix 3 for the detail of CBASS rooms.

CHLMS Summary

Overall CHLMS capacity reduces by 66% in rooms across 3 buildings.

Name	Scientia Capacity	New capacity	Social Distancing capacity @2m	Actual Reduction in capacity @2m	Percentage Reduction in capacity @2m
Mary Seacole	491		179	312	64%
Heinz Woolf	554	476	145	331	70%
Gaskell	18		9	9	50%
CHLMS	1063	985	333	652	66%

See Appendix 4 for the detail of CHLMS rooms

Other Managed Rooms summary

Overall the capacity in other managed rooms has decreased by 51%.

Name	Scientia Capacity	New capacity	Social Distancing capacity @2m	Actual Reduction in capacity @2m	Percentage Reduction in capacity @2m	Department Name	Suitabilities
RUSL 005 (Lab 1)	25		12	13	52%	LBIC	College - Comp; Cent/College - Comp; Central - Comp;
RUSL 005a (Lab 2)	25		12	13	52%	LBIC	College - Comp; Cent/College - Comp; Central - Comp;
RUSL 006 (Classroom)	30		12	18	60%	LBIC	Central - F/T; Cent/College - Flat; Cent/College - F/T; College - Flat; Central - Flat;
RUSL 104	15		8	7	47%	Brunel Language Centre	Central - F/T; Cent/College - Flat; Cent/College - F/T; College - Flat; Central - Flat;
RUSL 111	14		6	8	57%	Brunel Language Centre	Central - F/T; Cent/College - Flat; Cent/College - F/T; College - Flat; Central - Flat;
QDNT 119	14		6	8	57%	Graduate School	Grad School PC lab
BANN 019a	24		10	14	58%	ASK	Flat teaching
BANN 102	24		16	8	33%	Library	
BANN 109	24		12	12	50%	Library	
BANN 230a	24		12	12	50%	Library	
BANN Study Room 1a	6		4	2	33%	Library	
BANN Study Room 1b	4		2	2	50%	Library	
Other managed spaces	229		112	117	51%		

Part 2 – Other spaces

These spaces are currently not on the teaching timetable.

The STEM Centre in Wilfred Brown, and the Hamilton Conference Centre and nightclub have been assessed for capacity at 2m social distancing. Additionally, the Timetabling team have calculated 2m social distancing for the Exam layouts in the Sports complex.

These areas could provide an additional 14 teaching rooms with a capacity of 405 for flat teaching if required:

Name	Social Distancing capacity @2m	Department Name	Suitabilities	Date	Comments
HAML 101 - Newton	48	Conferencing	Central - Flat teaching	29/05/2020	Done off plan for exam tables and chairs
HAML 102 - Cavendish	16	Conferencing	Central - Flat teaching	29/05/2020	Done off plan for exam tables and chairs
HAML 104 - Mead	18	Conferencing	Central - Flat teaching	29/05/2020	Done off plan for exam tables and chairs
HAML 106 - Telford	10	Conferencing	Central - Flat teaching	29/05/2020	Done off plan for exam tables and chairs
HAML 108 - Darwin	26	Conferencing	Central - Flat teaching	30/05/2020	Done off plan for exam tables and chairs
HAML - Nightclub	30	Students Union	Central - Flat teaching	29/05/2020	Done off plan for exam tables and chairs
WLFB 012	20	STEM	Teaching space	28/05/2020	PD to do a plan with exam tables and chairs and discuss with STEM Manager
WLFB 021	4	STEM	Meeting Room	28/05/2020	Ask STEM Manager if we can use space for Mtgs if required
WLFB 022	4	STEM	Meeting Room	28/05/2020	Ask STEM Manager if we can use space for Mtgs if required
WLFB 023	4	STEM	Meeting Room	28/05/2020	Ask STEM Manager if we can use space for Mtgs if required
WLFB 024	4	STEM	Meeting Room	28/05/2020	Ask STEM Manager if we can use space for Mtgs if required
Sports Hall	92	Sports	Central - Flat teaching	N/A	Done in a spreadsheet by Timetabling for exams
Exercise Studio	32	Sports	Central - Flat teaching	N/A	Done in a spreadsheet by Timetabling for exams
Netball Hall	97	Sports	Central - Flat teaching	N/A	Done in a spreadsheet by Timetabling for exams
Other spaces	405				

Please see Attachment 2. for the Exams layouts in the Sports complex.

Part 3 – A comparison of 2m, 1.5m and 1m social distancing

The 8 rooms which were analysed on 4th and 5th May for 2m social distancing have now been analysed for 1.5m and 1m social distancing – please see table below.

Room	Type	Current Capacity	Social Distancing capacity @ 1m	Actual Reduction in capacity @ 1m	Percentage Reduction in capacity @ 1m	Social Distancing capacity @ 1.5m	Actual Reduction in capacity @ 1.5m	Percentage Reduction in capacity @ 1.5m	Social Distancing capacity @ 2m	Actual Reduction in capacity @ 2m	Percentage Reduction in capacity @ 2m
Lect 001	PC Lab	24	16	8	33%	14	10	42%	12	12	50%
Lect 005	Large flat classroom	36	20	16	44%	17	19	53%	12	24	67%
Lect 008	Small flat classroom	20	12	8	40%	10	10	50%	6	14	70%
Lect 061	Small Lecture Theatre	98	52	46	47%	18	80	82%	13	85	87%
Lect A	Medium Lecture Theatre	164	82	82	50%	30	134	82%	21	143	87%
Lect D	Large Lecture Theatre	219	110	109	50%	42	177	81%	27	192	88%
HOWL 001	Auditorium	397	201	196	49%	87	310	78%	66	331	83%
ESGW 006	Auditorium	403	201	202	50%	75	328	81%	60	343	85%

With 1.5m (World Health Organisation’s standard) the result is not too dissimilar to 2m for the Lecture theatres, because we still need to leave every alternate row empty. With 1m, the result is much higher occupancy, especially in the Lecture Theatres because alternate rows do not need to be left empty, and seats in alternate rows have been off-set diagonally to achieve 1m distancing between audience members i.e. no one is sitting directly in front of anyone - as shown in the diagrams below:

Eastern Gateway 006



Howell 001



Approach taken

Building visits took place over two weeks, and 70% of the rooms were visited. The remaining 30% of the rooms (primarily rooms in the Lecture Centre and Mary Seacole) were calculated off plan. In the case of the Lecture Centre a representative sample of 6 teaching spaces had been visited on 4th and 5th May and this data was used to establish the capacities for the remaining 54 rooms. In the case of Mary Seacole, the teaching rooms had been emptied of furniture in preparation for handover to the NHS, so visiting the rooms would have given no advantage to doing the work off plan.

Teaching Space Audit for 2m Social Distancing				Date of this plan: 21/5/20	
Date	Time	Buildings	Number of rooms	College	Status
Mon 18th May	1330-1430	ANTR	9	CBASS	Complete
	1430-1600	GASK	32	CBASS, CHLS	Complete
	1600-1630	MRJD	3	CBASS	Complete
			44		
Thu 21st May	1130-1200	QDNT	7	CEDPS	Complete
	1200-1300	HNZW	18	CHLS	Complete
	1300-1330	BANN	6	Central Timetabling	Complete
			31		
Wed 27th May	1200-1700	TOWA	13	CEDPS	Complete
		TOWB	11	CEDPS	Complete
		TOWC	15	CEDPS	Complete
		TOWD	11	CEDPS	Complete
			50		
Thu 28th May	0900-1030	MCST	10	CEDPS	Complete
	1030-1130	WLFB	8	CBASS	Complete
	1130-1230	ELTJ	3	CBASS	Complete
	1300-1500	ESGW	19	CEDPS	Complete
			40		
Fri 29th May	1200-1300	RUSL	5	LBIC, BLC	Complete
	1300-1400	HWLL	4	CEDPS	Complete
	1400-1500	HAML	5	Conferencing + Nightclub	Complete
			14		
Calculations done on paper					
		LECT	60	Central Timetabling	Complete
		MRSC	20	CHLS	Complete
Total			259		

For the rooms which were visited the social distancing was calculated using the furniture in the room. For some rooms where it was deemed the furniture should be changed, Peter Davies has done a calculation 'off plan' assuming the use of standard exam tables and chairs.

Thank you to all the staff who walked round with us, opened locked doors to teaching rooms, and shared their knowledge of the teaching spaces: Paul Worthington (CEDPS), Stephen Mullins and David Hull (CBASS), Christian Patrick (Timetabling), Simon Le Geyt (Strategic Projects and Change), and the Security Operations team.

Benefits

There are several additional benefits to doing this audit.

- 1) It was an opportunity to verify the capacity data held in Scientia, and any variations observed during the visits were recorded in the column 'New Capacity'. All new capacities were agreed with the College Services Managers and Directors of College Operations who joined us on the walkaround. In the case of CHLMS there was no member of College staff available for the walkaround, so these changes will be need to be verified with the College. The benefits are that the Scientia data will be more accurate, and the annual calculation of Teaching Space Utilisation will show an improvement.
- 2) It was an opportunity to action any issues observed with Centrally managed rooms e.g. MCST 361 was dirty due to pigeons getting into the room and so a Deep Cleaning request has been actioned.
- 3) Opportunity to look at other rooms which could be brought onto the teaching timetable i.e. STEM Centre rooms, Hamilton Conference rooms and the Elliott Jaques glazed extension.

Appendices

1. Centrally controlled room details
2. CEDPS managed room details
3. CBASS managed room details
4. CHLMS managed room details

Attachments

1. Teaching Room Survey for Social Distancing – May 2020 – Master.xlsx
2. 2020 IAC Sports Complex Exam Floor plans.xlsx

Bridget Boylan, Director of Strategic Projects and Change
Peter Davies, CAD Project Officer, Estates

Appendix 1 – Centrally Controlled Rooms Details

Name	Scientia Capacity	New capacity	Social Distancing capacity @2m	Actual Reduction in capacity @2m	Percentage Reduction in capacity @2m	Department Name	Suit abilities
LECT 001	24		12	12	50%	Central	Central - Comp; Cent/College - Comp;
LECT 004	20		7	13	65%	Central	Central - F/T; Cent/College - Flat; Cent/College - F/T; Central - Flat;
LECT 005/009	70		24	46	66%	Central	Central - F/T; Cent/College - Flat; Cent/College - F/T; Central - Flat;
LECT 006	20		7	13	65%	Central	Central - F/T; Cent/College - Flat; Cent/College - F/T; Central - Flat;
LECT 008	20		6	14	70%	Central	Central - F/T; Cent/College - Flat; Cent/College - F/T; Central - Flat;
LECT 010	20		7	13	65%	Central	Central - F/T; Cent/College - Flat; Cent/College - F/T; Central - Flat;
LECT 011	40		10	30	75%	Central	Central - F/T; Cent/College - Flat; Cent/College - F/T; Central - Flat;
LECT 012	20		7	13	65%	Dept of Social and Political Science	Global Challenges;
LECT 014	20		7	13	65%	Central	Central - F/T; Cent/College - Flat; Cent/College - F/T; Central - Flat;
LECT 015	40		10	30	75%	Central	Central - F/T; Cent/College - Flat; Cent/College - F/T; Central - Flat;
LECT 016	30		8	22	73%	Central	Central - F/T; Cent/College - Flat; Cent/College - F/T; Central - Flat;
LECT 020	30		8	22	73%	Central	Central - F/T; Cent/College - Flat; Cent/College - F/T; Central - Flat;
LECT 061	103		13	90	87%	Central	Central - F/T; Cent/College - F/T; Central - Tiered; PANOPTO;
LECT 062	103		13	90	87%	Central	Central - F/T; Cent/College - F/T; Central - Tiered; PANOPTO;
LECT 063	103		13	90	87%	Central	Central - F/T; Cent/College - F/T; Central - Tiered; PANOPTO;
LECT 064	103		13	90	87%	Central	Central - F/T; Cent/College - F/T; Central - Tiered; PANOPTO;
LECT 065	103		13	90	87%	Central	Central - F/T; Cent/College - F/T; Central - Tiered; PANOPTO;
LECT 066	103		13	90	87%	Central	Central - F/T; Cent/College - F/T; Central - Tiered; PANOPTO;
LECT 067	103		13	90	87%	Central	Central - F/T; Cent/College - F/T; Central - Tiered; PANOPTO;
LECT 068	106		13	93	88%	Central	Central - F/T; Cent/College - F/T; Central - Tiered; PANOPTO;
LECT 106	45		12	33	73%	Central	Central - F/T; Cent/College - Flat; Cent/College - F/T; Central - Flat;
LECT 107	45		12	33	73%	Central	Central - F/T; Cent/College - Flat; Cent/College - F/T; Central - Flat;
LECT 108	45		12	33	73%	Central	Central - F/T; Cent/College - Flat; Cent/College - F/T; Central - Flat;
LECT 109	45		12	33	73%	Central	Central - F/T; Cent/College - Flat; Cent/College - F/T; Central - Flat;
LECT 110	45		12	33	73%	Central	Central - F/T; Cent/College - Flat; Cent/College - F/T; Central - Flat;
LECT 111	45		12	33	73%	Central	Central - F/T; Cent/College - Flat; Cent/College - F/T; Central - Flat;
LECT 112	45		12	33	73%	Central	Central - F/T; Cent/College - Flat; Cent/College - F/T; Central - Flat;
LECT 113	45		12	33	73%	Central	Central - F/T; Cent/College - Flat; Cent/College - F/T; Central - Flat;
LECT 114	50		18	32	64%	Central	Central - F/T; Cent/College - Flat; Cent/College - F/T; Central - Flat;
LECT 115	50		18	32	64%	Central	Central - F/T; Cent/College - Flat; Cent/College - F/T; Central - Flat;
LECT 116	45		12	33	73%	Central	Central - F/T; Cent/College - Flat; Cent/College - F/T; Central - Flat;
LECT 117	45		12	33	73%	Central	Central - F/T; Cent/College - Flat; Cent/College - F/T; Central - Flat;
LECT 206	45		12	33	73%	Central	Central - F/T; Cent/College - Flat; Cent/College - F/T; Central - Flat;
LECT 207	45		12	33	73%	Central	Central - F/T; Cent/College - Flat; Cent/College - F/T; Central - Flat;
LECT 208	45		12	33	73%	Central	Central - F/T; Cent/College - Flat; Cent/College - F/T; Central - Flat;
LECT 209	40		12	28	70%	Central	Central - F/T; Cent/College - Flat; Cent/College - F/T; Central - Flat;
LECT 210	45		12	33	73%	Central	Central - F/T; Cent/College - Flat; Cent/College - F/T; Central - Flat;
LECT 211	45		12	33	73%	Central	Central - F/T; Cent/College - Flat; Cent/College - F/T; Central - Flat;
LECT 212	45		12	33	73%	Central	Central - F/T; Cent/College - Flat; Cent/College - F/T; Central - Flat;
LECT 213	45		12	33	73%	Central	Central - F/T; Cent/College - Flat; Cent/College - F/T; Central - Flat;
LECT 214	50		18	32	64%	Central	Central - F/T; Cent/College - Flat; Cent/College - F/T; Central - Flat;
LECT 215	50		18	32	64%	Central	Central - F/T; Cent/College - Flat; Cent/College - F/T; Central - Flat;
LECT 216	45		12	33	73%	Central	Central - F/T; Cent/College - Flat; Cent/College - F/T; Central - Flat;
LECT 217	45		12	33	73%	Central	Central - F/T; Cent/College - Flat; Cent/College - F/T; Central - Flat;

LECT 261	89	15	74	83%	Central	Central - F/T; Cent/College - F/T; Central - Tiered; PANOPTO;
LECT 262	94	15	79	84%	Central	Central - F/T; Cent/College - F/T; Central - Tiered; PANOPTO;
LECT 263	90	15	75	83%	Central	Central - F/T; Cent/College - F/T; Central - Tiered; PANOPTO;
LECT 264	91	15	76	84%	Central	Central - F/T; Cent/College - F/T; Central - Tiered; PANOPTO;
LECT 265	91	15	76	84%	Central	Central - F/T; Cent/College - F/T; Central - Tiered; PANOPTO;
LECT 266	94	15	79	84%	Central	Central - F/T; Cent/College - F/T; Central - Tiered; PANOPTO;
LECT 267	91	15	76	84%	Central	Central - F/T; Cent/College - F/T; Central - Tiered; PANOPTO;
LECT 268	91	15	76	84%	Central	Central - F/T; Cent/College - F/T; Central - Tiered; PANOPTO;
LECT 306	30	15	15	50%	Central	Team Based Learning; Studio; PANOPTO;
LECT 307a (TV)	35	12	23	66%	College of Business, Arts and Social Sciences	TV-Studio;
LECT A	170	21	149	88%	Central	Central - F/T; Cent/College - F/T; Central - Tiered; PANOPTO;
LECT B	172	21	151	88%	Central	Central - F/T; Cent/College - F/T; Central - Tiered; PANOPTO;
LECT C	160	21	139	87%	Central	Central - F/T; Cent/College - F/T; Central - Tiered; PANOPTO;
LECT D	219	27	192	88%	Central	Central - F/T; Cent/College - F/T; Central - Tiered; PANOPTO;
LECT E	230	27	203	88%	Central	Central - F/T; Cent/College - F/T; Central - Tiered; PANOPTO;
LECT F	219	27	192	88%	Central	Central - F/T; Cent/College - F/T; Central - Tiered; PANOPTO;

Lecture Centre	4242	820	3422	81%		
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Name	Scientia Capacity	New capacity	Social Distancing capacity @2m	Actual Reduction in capacity @2m	Percentage Reduction in capacity @2m	Department Name	Suit abilities
BANN 019i	22		8	14	64%	Central	Central - F/T; Cent/College - Flat; Cent/College - F/T; Central - Flat; PANOPTO;
BANN 208	30		8	22	73%	Central	Central - F/T; Cent/College - Flat; Cent/College - F/T; Central - Flat; PANOPTO;
BANN 215	90		14	76	84%	Central	Cent/College - Flat; Cent/College - F/T; Team Based Learning; PANOPTO;
BANN 217	90		14	76	84%	Central	Cent/College - Flat; Cent/College - F/T; Team Based Learning; PANOPTO;
BANN 317	57		24	33	58%	Central	Cent/College - Comp; Central - Comp;

Bannerman	289		68	221	76%		
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Name	Scientia Capacity	New capacity	Social Distancing capacity @2m	Actual Reduction in capacity @2m	Percentage Reduction in capacity @2m	Department Name	Suit abilities
ESGW 003	30		9	21	70%	Central	Team Based Learning; Central - F/T;
ESGW 003a	80		21	59	74%	Central	Team Based Learning; Central - F/T;
ESGW 111	50		18	32	64%	Central	Central - F/T; Cent/College - Flat; Cent/College - F/T; Team Based Learning; Central - Flat; PANOPTO;
ESGW 402	35		12	23	66%	Registry	Meeting;
ESGW Atrium	100		42	58	58%	Central	Meeting; Foyer;
ESGW Auditorium (006)	380		60	320	84%	Central	Central - F/T; Cent/College - F/T; Central - Tiered; PANOPTO;

Eastern Gateway	675		162	513	76%		
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Name	Scientia Capacity	New capacity	Social Distancing capacity @2m	Actual Reduction in capacity @2m	Percentage Reduction in capacity @2m	Department Name	Suit abilities
QDNT 055	50		9	41	82%	Central	Central - F/T; Cent/College - F/T; Central - Tiered; PANOPTO;
QDNT 117	12		4	8	67%	Central	Meeting;
QDNT 120	25		9	16	64%	Central	Central - F/T; Cent/College - Flat; Cent/College - F/T; Central - Flat; PANOPTO;
HWLL Theatre (001)	425	397	66	331	83%	Central	Central - F/T; Cent/College - F/T; Central - Tiered; PANOPTO;
HNZW 016	28		8	20	71%		
HNZW 017	48		18	30	63%		
HNZW 102A	2		1	1	50%		
HNZW 102B	10		4	6	60%		
HNZW 273	35		9	26	74%		
Various	635	607	128	479	75%		
Central Managed Summary							
Name	Scientia Capacity	New capacity	Social Distancing capacity @2m	Actual Reduction in capacity @2m	Percentage Reduction in capacity @2m		
Lecture Centre	4242		820	3422	81%		
Bannerman	289		68	221	76%		
Eastern Gateway	675		162	513	76%		
Various	635	607	128	479	75%		
Centrally Managed	5841	5813	1178	4635	79%		

To note

(The vast majority of centrally managed rooms have been included, but there are a couple which are included in the CEDPS list e.g. Michael Sterling and the CBASS list e.g. Gaskell).

Appendix 2 – CEDPS Managed Room details

Name	Scientia Capacity	New capacity	Social Distancing capacity @2m	Actual Reduction in capacity @2m	Percentage Reduction in capacity @2m	Department Name	Suit abilities
TOWA 006	10		3	7	70%	Dept of Mechanical and Aerospace Engineering	College - Lab;
TOWA 008	10		3	7	70%	Dept of Mechanical and Aerospace Engineering	College - Lab;
TOWA 042	10		8	2	20%	Dept of Mechanical and Aerospace Engineering	College - Lab;
TOWA 045	80		32	48	60%	Dept of Mechanical and Aerospace Engineering	College - Flat;
TOWA 047	20		10	10	50%	Dept of Mechanical and Aerospace Engineering	College - Lab;
TOWA 049a / 49	15		6	9	60%	Dept of Mechanical and Aerospace Engineering	Cent/College - Flat; College - Flat;
TOWA 104	10	6	3	3	50%	Dept of Mathematics	Meeting;
TOWA 111	10	4	2	2	50%	Dept of Mathematics	Meeting;
TOWA 114	10	6	4	2	33%	Dept of Mathematics	Meeting;
TOWA 312	29	24	15	9	38%	Dept of Mechanical and Aerospace Engineering	College - Lab;
TOWA 404	30		12	18	60%	College of Engineering, Design and Physical Sciences	College - Comp; Cent/College - Comp;
TOWA 406	30		12	18	60%	College of Engineering, Design and Physical Sciences	College - Comp; Cent/College - Comp;
TOWA 409	30		12	18	60%	College of Engineering, Design and Physical Sciences	College - Comp; Cent/College - Comp;
Tower A	294	275	122	153	56%		
Name	Scientia Capacity	New capacity	Social Distancing capacity @2m	Actual Reduction in capacity @2m	Percentage Reduction in capacity @2m	Department Name	Suit abilities
TOWB 005	24		8	16	67%	Dept of Electronic and Computer Engineering	College - Lab;
TOWB 006a	20		10	10	50%	Dept of Mechanical and Aerospace Engineering	College - Lab;
TOWB 010	10	5	4	1	20%	Dept of Mechanical and Aerospace Engineering	College - Lab;
TOWB 011	40		8	32	80%	Dept of Mechanical and Aerospace Engineering	College - Lab;
TOWB 014	15		2	13	87%	Dept of Mechanical and Aerospace Engineering	College - Lab;
TOWB 015	30		14	16	53%	Dept of Mechanical and Aerospace Engineering	College - Lab;
TOWB 203	26		26	0	0%	Dept of Mechanical and Aerospace Engineering	College - Lab;
TOWB 206	36		26	10	28%	Dept of Mechanical and Aerospace Engineering	College - Lab;
TOWB 303	42		24	18	43%	Dept of Mechanical and Aerospace Engineering	College - Lab;
TOWB 306	28		14	14	50%	College of Engineering, Design and Physical Sciences	College - Comp; College - Lab; Cent/College - Comp;
TOWB 308	50		12	38	76%	Dept of Mechanical and Aerospace Engineering	College - Lab;
Tower B	321	316	148	168	53%		

Name	Scientia Capacity	New capacity	Social Distancing capacity @2m	Actual Reduction in capacity @2m	Percentage Reduction in capacity @2m	Department Name	Suit abilities
TOWC 004	24		8	16	67%	Dept of Mechanical and Aerospace Engineering	College - Lab;
TOWC 005	20		10	10	50%	Dept of Electronic and Computer Engineering	College - Flat;
TOWC 006	30		8	22	73%	Dept of Mechanical and Aerospace Engineering	College - Lab;
TOWC 007	40		10	30	75%	Dept of Mechanical and Aerospace Engineering	College - Lab;
TOWC 007a	1		1	0	0%	Dept of Mechanical and Aerospace Engineering	Cent/College - Flat; College - Flat;
TOWC 009	15		5	10	67%	Dept of Mechanical and Aerospace Engineering	College - Lab;
TOWC 205	25		15	10	40%	Dept of Electronic and Computer Engineering	College - Mac Lab; College - Flat;
TOWC 208	64		26	38	59%	College of Engineering, Design and Physical Sciences	College - Comp; Cent/College - Comp;
TOWC 212	24		14	10	42%	Dept of Electronic and Computer Engineering	College - Comp; Cent/College - Comp; College - Flat;
TOWC 304	24		8	16	67%	Dept of Electronic and Computer Engineering	College - Mac Lab;
TOWC 308	25		18	7	28%	Dept of Electronic and Computer Engineering	College - Comp; Cent/College - Comp;
TOWC 310	25		5	20	80%	Dept of Electronic and Computer Engineering	College - Mac Lab;
TOWC 312	28		14	14	50%	Dept of Electronic and Computer Engineering	College - Comp; Cent/College - Comp;
TOWC 402	76		38	38	50%	College of Engineering, Design and Physical Sciences	College - Comp; Cent/College - Comp;
TOWC 405	25		5	20	80%	Dept of Electronic and Computer Engineering	Cent/College - Flat; College - Flat;
Tower C	446		185	261	59%		
Name	Scientia Capacity	New capacity	Social Distancing capacity @2m	Actual Reduction in capacity @2m	Percentage Reduction in capacity @2m	Department Name	Suit abilities
TOWD 010	4	2	0	2	100%	Dept of Mechanical and Aerospace Engineering	College - Flat;
TOWD 012	4	2	0	2	100%	Dept of Mechanical and Aerospace Engineering	College - Flat;
TOWD 013	20		4	16	80%	Dept of Mechanical and Aerospace Engineering	College - Lab; College - Flat;
TOWD 014	35		12	23	66%	Dept of Mechanical and Aerospace Engineering	College - Lab; College - Flat;
TOWD 015	10		6	4	40%	Dept of Mechanical and Aerospace Engineering	College - Flat;
TOWD 016	20		8	12	60%	Dept of Mechanical and Aerospace Engineering	College - Flat;
TOWD 104	34		5	29	85%	Dept of Mechanical and Aerospace Engineering	College - Flat;
TOWD 206	25		8	17	68%	Dept of Mechanical and Aerospace Engineering	College - Flat;
TOWD 303	35	20	10	10	50%	Dept of Mechanical and Aerospace Engineering	College - Lab; College - Flat;
TOWD 307	30		9	21	70%	Dept of Mechanical and Aerospace Engineering	College - Lab;
TOWD 415	65		17	48	74%	Central	Central - F/T; Cent/College - Flat; Cent/College - F/T; Central - Flat;
Tower D	282	263	79	184	70%		

Name	Scientia Capacity	New capacity	Social Distancing capacity @2m	Actual Reduction in capacity @2m	Percentage Reduction in capacity @2m	Department Name	Suit abilities
MCST 055b	12		4	8	67%	Dept of Mechanical and Aerospace Engineering	CEDPS Outlook;
MCST 057	20		6	14	70%	Dept of Mechanical and Aerospace Engineering	CEDPS Outlook;
MCST 152	16		4	12	75%	Dept of Mechanical and Aerospace Engineering	CEDPS Outlook;
MCST 154	16		4	12	75%	Dept of Mechanical and Aerospace Engineering	CEDPS Outlook;
MCST 155	60		20	40	67%	Dept of Design	Central - F/T; Cent/College - F/T; College - Flat;
MCST 158	48		19	29	60%	Dept of Design	Central - F/T; Cent/College - F/T; College - Flat;
MCST 159	60		26	34	57%	Dept of Design	College - Comp; Cent/College - Comp;
MCST 360	33		15	18	55%	Central	Cent/College - Comp; Central - Comp;
MCST 361	32		15	17	53%	Central	Cent/College - Comp; Central - Comp;
MCST 362	40		16	24	60%	Central	Cent/College - Comp; Central - Comp;
Michael Sterling	337		129	208	62%		
Name	Scientia Capacity	New capacity	Social Distancing capacity @2m	Actual Reduction in capacity @2m	Percentage Reduction in capacity @2m	Department Name	Suit abilities
WLFB 013	60		32	28	47%	Dept of Computer Science	College - Comp; Cent/College - Comp;
WLFB 106	40		20	20	50%	Dept of Computer Science	College - Comp; Cent/College - Comp;
WLFB 207	12		6	6	50%	Dept of Computer Science	Cent/College - F/T; College - Flat; Central - Flat;
WLFB 207/208	60		15	45	75%	Dept of Computer Science	Cent/College - F/T; College - Flat; Central - Flat;
WLFB 208	12		9	3	25%	Dept of Computer Science	College - Flat;
WLFB 302	10		4	6	60%	Dept of Computer Science	College - Comp;
WLFB 304	8		4	4	50%	Dept of Computer Science	College - Comp;
WLFB 306	8		4	4	50%	Dept of Computer Science	College - Comp;
Wilfred Brown	210		94	116	55%		

Name	Scientia Capacity	New capacity	Social Distancing capacity @2m	Actual Reduction in capacity @2m	Percentage Reduction in capacity @2m	Department Name	Suit abilities
HWLL 137	8		4	4	50%	Dept of Mechanical and Aerospace Engineering	CEDPS Outlook;
HWLL 138	25		12	13	52%	Dept of Mechanical and Aerospace Engineering	College - Comp; Cent/College - Comp;
HWLL 139	20		10	10	50%	Dept of Mechanical and Aerospace Engineering	CEDPS Outlook;
HWLL 313	30		12	18	60%	Dept of Mechanical and Aerospace Engineering	Meeting;

Howell	83		38	45	54%		
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Name	Scientia Capacity	New capacity	Social Distancing capacity @2m	Actual Reduction in capacity @2m	Percentage Reduction in capacity @2m	Department Name	Suit abilities
QDNT 028	25		8	17	68%	Dept of Chemical Engineering	Meeting; Chem Eng Flat; College - Flat;
QDNT 053	30		30	0	0%	Dept of Chemical Engineering	College - Lab;

Quad North	55		38	17	31%		
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CEDPS Summary

Name	Scientia Capacity	New capacity	Social Distancing capacity @2m	Actual Reduction in capacity @2m	Percentage Reduction in capacity @2m
Tower A	294	275	122	153	56%
Tower B	321	316	148	168	53%
Tower C	446		185	261	59%
Tower D	282	263	79	184	70%
Michael Sterling	337		129	208	62%
Wilfred Brown	210		94	116	55%
Howell	83		38	45	54%
Quad North	55		38	17	31%
CEDPS	2028	1985	833	1152	58%

Appendix 3 – CBASS Managed Room details

Name	Scientia Capacity	New capacity	Social Distancing capacity @2m	Actual Reduction in capacity @2m	Percentage Reduction in capacity @2m	Department Name	Suit abilities
ANTR 001	314		63	251	80%	College of Business, Arts and Social Sciences	Studio;
ANTR 003	50		17	33	66%	College of Business, Arts and Social Sciences	Screening Room; Music Room; Studio;
ANTR 005	34	30	9	21	70%	College of Business, Arts and Social Sciences	College - Mac Lab;
ANTR 006a	10	5	1	4	80%	College of Business, Arts and Social Sciences	Journalism Training Suite;
ANTR 007a	10	5	4	1	20%	College of Business, Arts and Social Sciences	Journalism Training Suite;
ANTR 101	50	40	20	20	50%	College of Business, Arts and Social Sciences	Studio;
ANTR 103	50	40	30	10	25%	College of Business, Arts and Social Sciences	Studio;
ANTR 109	30		12	18	60%	College of Business, Arts and Social Sciences	Music Room;
ANTR 115	8		4	4	50%	College of Business, Arts and Social Sciences	Music Room;
Antonin Artaud	556	522	160	362	69%		
Name	Scientia Capacity	New capacity	Social Distancing capacity @2m	Actual Reduction in capacity @2m	Percentage Reduction in capacity @2m	Department Name	Suit abilities
GASK 012	50	42	8	34	81%	College of Business, Arts and Social Sciences	Screening Room;
GASK 014	20	18	8	10	56%	College of Business, Arts and Social Sciences	Cent/College - Flat; Cent/College - F/T; Student Common Room; College -
GASK 024	5		1	4	80%	College of Business, Arts and Social Sciences	Meeting;
GASK 025	5		1	4	80%	College of Business, Arts and Social Sciences	Meeting;
GASK 031	5		1	4	80%	College of Business, Arts and Social Sciences	Meeting;
GASK 032	5		1	4	80%	College of Business, Arts and Social Sciences	Meeting;
GASK 036	2		1	1	50%	College of Business, Arts and Social Sciences	Music Room;
GASK 037	2		1	1	50%	College of Business, Arts and Social Sciences	Music Room;
GASK 040	2		1	1	50%	College of Business, Arts and Social Sciences	Music Room;
GASK 041	2		1	1	50%	College of Business, Arts and Social Sciences	Music Room;
GASK 046	15		5	10	67%	Central	Central - F/T; Cent/College - Flat; Cent/College - F/T; Meeting; Central - Flat;
GASK 047	5		1	4	80%	College of Business, Arts and Social Sciences	Meeting;
GASK 048	30		12	18	60%	College of Business, Arts and Social Sciences	Studio;
GASK 117	20		8	12	60%	College of Business, Arts and Social Sciences	Cent/College - Flat; Cent/College - F/T; Meeting; College - Flat;
GASK 170	60		22	38	63%	College of Business, Arts and Social Sciences	Games Design Workshop;
GASK 202	28		13	15	54%	College of Business, Arts and Social Sciences	College - Comp; Cent/College - Comp;
GASK 210	20	30	12	18	60%	College of Business, Arts and Social Sciences	Cent/College - Flat; Cent/College - F/T; Meeting; College - Flat;
GASK 212	15	20	8	12	60%	Central	Central - F/T; Cent/College - Flat; Cent/College - F/T; Meeting; Central - Flat;
GASK 235	30		6	24	80%	College of Business, Arts and Social Sciences	Games Design Workshop;
GASK 239	36	30	18	12	40%	College of Business, Arts and Social Sciences	Cent/College - Flat; Cent/College - F/T; College - Flat;
GASK 251	8		8	0	0%	College of Business, Arts and Social Sciences	Library;
GASK 266	30	42	12	30	71%	College of Business, Arts and Social Sciences	College - Lab; Cent/College - Flat; Cent/College - F/T; College - Flat;
Gaskell	395	406	149	257	63%		

Name	Scientia Capacity	New capacity	Social Distancing capacity @2m	Actual Reduction in capacity @2m	Percentage Reduction in capacity @2m	Department Name	Suit abilities
MRJD 117	25		8	17	68%	College of Business, Arts and Social Sciences	Cent/College - Flat; Cent/College - F/T; College - Flat; PANOPTO;
MRJD 118	15		8	7	47%	College of Business, Arts and Social Sciences	Cent/College - Flat; Cent/College - F/T; College - Flat;
Marie Jahoda	40		16	24	60%		
Name	Scientia Capacity	New capacity	Social Distancing capacity @2m	Actual Reduction in capacity @2m	Percentage Reduction in capacity @2m	Department Name	Suit abilities
ESGW 102	40		11	29	73%	College of Business, Arts and Social Sciences	Meeting;
ESGW 108	4		2	2	50%	College of Business, Arts and Social Sciences	Meeting;
ESGW 109	4		3	1	25%	College of Business, Arts and Social Sciences	Meeting;
ESGW 110	4		2	2	50%	College of Business, Arts and Social Sciences	Meeting;
ESGW 110a	4		2	2	50%	College of Business, Arts and Social Sciences	Meeting;
ESGW 113	32		17	15	47%	College of Business, Arts and Social Sciences	College - Comp; Cent/College - Comp; PANOPTO;
ESGW 113/113a	62		34	28	45%	College of Business, Arts and Social Sciences	College - Comp; Cent/College - Comp; PANOPTO;
ESGW 113a	30		14	16	53%	College of Business, Arts and Social Sciences	College - Comp; Cent/College - Comp; PANOPTO;
ESGW 202a	5		2	3	60%	College of Business, Arts and Social Sciences	Meeting;
ESGW 202b	5		2	3	60%	College of Business, Arts and Social Sciences	Meeting;
ESGW 202e	5		2	3	60%	College of Business, Arts and Social Sciences	Meeting;
ESGW 202f	5		2	3	60%	College of Business, Arts and Social Sciences	Meeting;
ESGW 209	50		18	32	64%	College of Business, Arts and Social Sciences	MBA; PANOPTO;
Eastern Gateway	250		111	139	56%		

Name	Scientia Capacity	New capacity	Social Distancing capacity @2m	Actual Reduction in capacity @2m	Percentage Reduction in capacity @2m	Department Name	Suit abilities
ELTJ 003a		6	6	0	0%	College of Business, Arts and Social Sciences	Cent/College - Flat; Cent/College - F/T; Meeting; College - Flat;
ELTJ 081	40		12	28	70%	College of Business, Arts and Social Sciences	Cent/College - Flat; Cent/College - F/T; Moot Court; College - Flat;
ELTJ 110	20	38	13	25	66%	College of Business, Arts and Social Sciences	Cent/College - Flat; Cent/College - F/T; Meeting; College - Flat;
ELTJ 101		31	10	21	68%	College of Business, Arts and Social Sciences	Cent/College - Flat; Cent/College - F/T; Meeting; College - Flat;
ELTJ 107		28	8	20	71%	College of Business, Arts and Social Sciences	Cent/College - Flat; Cent/College - F/T; Meeting; College - Flat;
ELTJ 111		29	9	20	69%	College of Business, Arts and Social Sciences	Cent/College - Flat; Cent/College - F/T; Meeting; College - Flat;
ELTJ 114		29	9	20	69%	College of Business, Arts and Social Sciences	Cent/College - Flat; Cent/College - F/T; Meeting; College - Flat;
ELTJ 121		28	8	20	71%	College of Business, Arts and Social Sciences	Cent/College - Flat; Cent/College - F/T; Meeting; College - Flat;
Elliott Jaques	60	229	75	154	67%		
CBASS Summary							
Name	Scientia Capacity	New capacity	Social Distancing capacity @2m	Actual Reduction in capacity @2m	Percentage Reduction in capacity @2m		
Antonin Artaud	556	522	160	362	69%		
Gaskell	395	406	149	257	63%		
Marie Jahoda	40		16	24	60%		
Eastern Gateway	250		111	139	56%		
Elliott Jaques	60	229	75	154	67%		
CBASS	1301	1447	511	936	65%		

To note: the high increase in new capacity in Elliott Jaques is due to 5 new teaching rooms being built for MPS/Babcock over the summer.

Appendix 4 – CHLMS Managed Rooms Details

Name	Scientia Capacity	New capacity	Social Distancing capacity @2m	Actual Reduction in capacity @2m	Percentage Reduction in capacity @2m	Department Name	Suit abilities
MRSC 001	12		3	9	75%	Dept of Clinical Sciences	Meeting; Cent/College - Flat; Cent/College - F/T; College - Flat;
MRSC 002	15		4	11	73%	Dept of Clinical Sciences	Meeting; Cent/College - Flat; Cent/College - F/T; College - Flat;
MRSC 003	25		12	13	52%	Dept of Clinical Sciences	Clinical Skills Room; OT Skills Rooms; Meeting; PANOPTO;
MRSC 004	20		8	12	60%	Dept of Clinical Sciences	Clinical Skills Room; OT Skills Rooms; Meeting;
MRSC 007	30		7	23	77%	Dept of Clinical Sciences	Exercise Suite; MRSC Gym; PANOPTO;
MRSC 008	80		12	68	85%	Dept of Clinical Sciences	MRSC Gym; Exercise Suite; PANOPTO;
MRSC 101	4		2	2	50%	Dept of Clinical Sciences	MRSC Tutorial Room; Meeting;
MRSC 102	4		2	2	50%	Dept of Clinical Sciences	MRSC Tutorial Room; Meeting;
MRSC 103	4		2	2	50%	Dept of Clinical Sciences	MRSC Tutorial Room; Meeting;
MRSC 104	4		2	2	50%	Dept of Clinical Sciences	MRSC Tutorial Room; Meeting;
MRSC 105	4		2	2	50%	Dept of Clinical Sciences	MRSC Tutorial Room; Meeting;
MRSC 110	25		9	16	64%	Dept of Clinical Sciences	Clinical Skills Room; OT Skills Rooms; Meeting; PANOPTO;
MRSC 111	30		12	18	60%	Dept of Clinical Sciences	Clinical Skills Room; OT Skills Rooms; Meeting;
MRSC 113	34		11	23	68%	Dept of Clinical Sciences	Clinical Skills Room; OT Skills Rooms; Meeting; PANOPTO;
MRSC 114	50		15	35	70%	Dept of Clinical Sciences	Clinical Skills Room; Physio Skills Room; PANOPTO;
MRSC 115	30		16	14	47%	Dept of Clinical Sciences	PA Skills Room;
MRSC 202	30		15	15	50%	Dept of Clinical Sciences	Clinical Skills Room; Physio Skills Room; PANOPTO;
MRSC 203	30		15	15	50%	Dept of Clinical Sciences	Clinical Skills Room; Physio Skills Room; PANOPTO;
MRSC 302	30		15	15	50%	Dept of Clinical Sciences	Clinical Skills Room; Physio Skills Room; PANOPTO;
MRSC 303	30		15	15	50%	Dept of Clinical Sciences	Clinical Skills Room; Physio Skills Room; PANOPTO;
Mary Seacole	491		179	312	64%		
Name	Scientia Capacity	New capacity	Social Distancing capacity @2m	Actual Reduction in capacity @2m	Percentage Reduction in capacity @2m	Department Name	Suit abilities
HNZW 034	35	2	2	0	0%	Dept of Life Sciences	College Dry Lab;
HNZW 036	35		8	27	77%	Dept of Life Sciences	College Dry Lab;
HNZW 101	30		9	21	70%	Dept of Life Sciences	Meeting; Cent/College - Flat; Cent/College - F/T; College - Flat; PANOPTO;
HNZW 133	60		14	46	77%	Dept of Life Sciences	College Wet Lab;
HNZW 133a	30	15	4	11	37%	Dept of Life Sciences	College Wet Lab;
HNZW 135	72		24	48	67%	Dept of Life Sciences	College Wet Lab;
HNZW 135/133 jo	132		38	94	71%	Dept of Life Sciences	College Wet Lab;
HNZW 223	40		6	34	85%	Dept of Life Sciences	College Dry Lab; PANOPTO;
HNZW 223/224 Jc	40		18	22	55%	Dept of Life Sciences	College Dry Lab; PANOPTO;
HNZW 224	40		12	28	70%	Dept of Life Sciences	College Dry Lab; PANOPTO;
HNZW 254	40	10	10	0	0%	Dept of Life Sciences	College Wet Lab;
Heinz Woolf	554	476	145	331	70%		

Name	Scientia Capacity	New capacity	Social Distancing capacity @2m	Actual Reduction in capacity @2m	Percentage Reduction in capacity @2m	Department Name	Suit abilities
GASK 221	2		1	1	50%	Dept of Life Sciences	Psychology Cubicle;
GASK 222	2		1	1	50%	Dept of Life Sciences	Psychology Cubicle;
GASK 223	2		1	1	50%	Dept of Life Sciences	Psychology Cubicle;
GASK 224	2		1	1	50%	Dept of Life Sciences	Psychology Cubicle;
GASK 225	2		1	1	50%	Dept of Life Sciences	Psychology Cubicle;
GASK 226	2		1	1	50%	Dept of Life Sciences	Psychology Cubicle;
GASK 227	2		1	1	50%	Dept of Life Sciences	Psychology Cubicle;
GASK 228	2		1	1	50%	Dept of Life Sciences	Psychology Cubicle;
GASK 229	2		1	1	50%	Dept of Life Sciences	Psychology Cubicle;
Gaskell	18		9	9	50%		
CHLMS Summary							
Name	Scientia Capacity	New capacity	Social Distancing capacity @2m	Actual Reduction in capacity @2m	Percentage Reduction in capacity @2m		
Mary Seacole	491		179	312	64%		
Heinz Woolf	554	476	145	331	70%		
Gaskell	18		9	9	50%		
CHLMS	1063	985	333	652	66%		

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