

Area Summary

	Seats	sqm/Seat	sqm Total NET	Factor for circulation and non NLA	sqm GFA	Comment
Teaching			1,000		1,420	
Lecture Theatre	100	3.5	400	1.3	520	Provides a contemporary style lecture theatre that can fit the full cohort of 100 students. Includes some space for AV/IT room and minor storage
Studios	80	5	400	1.5	600	Can include computer spaces
Workshop	80	2.5	200	1.5	300	Can provide some Heavy Materials and Equipment Workshop
Computer Labs		3		1.3		included in studio, or separate.
Office Spaces			306		398	
Academic offices	12	12	144	1.3	187	Offices
Administrative offices	4	7.5	30	1.3	39	Workstations
Research Space for Staff	10	4	40	1.3	52	Provides a desk with a computer monitor. Ambitious research target.
Research Studios for Staff	10	6	60	1.3	78	Allowance for workshop style space, depends on type of research activity.
Meeting Room for Staff	16	2	32	1.3	42	
Learning Centre			432		648	
Gallery	120	3	288	1.5	432	Provide 3sqm display space per student - assume full cohort exhibitions. Assume flexible with Student Learning Space
Meeting Room for Students (Learning Seats)	24	3	72	1.5	108	1 learning seat per 5 students
Library			72	1.5	108	Small resource centre same size as learning area
Non-Useable Area					391	
Wet Areas (Toilets + Tea Room)	7.5%				130	
Store	5%				87	
Services/Plant	10%				174	
TOTAL Area of New Building			1,738	1.6	2,857	
sqm per Student			14.5		23.8	

1. Estimating People

	Number	Comments
	Forecasting Students	
Briefed Students	100	
Factor for Growth	20%	
Designed Number of Students	120	
	Estimating Staff	
Number of Students per Academic	10	
Number of Academic per Administrative Staff	3	
Total Number of Academic	12	
Total Number of Administrative Staff	4	
	Estimating Research Intensity	
Research Activity as a fraction of Students (Aiming High)	1/12	Say, of every 12 students, one will pursue a PHD!
Number of Research Personnell (Aiming High)	10	
Research Activity as a fraction of Students (Business as Usual)	1/20	Around 5% of total students - 2015 Statistics
Number of Research Personnell (Business as Usual)	6	

2. Estimating Teaching Space Seating

	Number	Comment
Number of Students	120	
Number of Hours a week on campus	24	24 Units per semester, and say 1 hour per unit per week to be spent at University
Spare Capacity Factor	3	Say, the teaching rooms will only be 33% used at any given day.
Number of Seats Required x Number of Hours Required	8,640	Total Student face to face hours times the reduction factor.
Number of "Business Hours" a week at UNSW	50	Assume Classes will only be scheduled between 8am and 6pm, Monday to Friday.
Number of Teaching Seats required in New Building	172.8	
Say	180	