



## UH- CURRENT TASK FORCES/CONSULTANTS

### MASTER PLAN TASK FORCES/CONSULTANTS

#### TRAFFIC/CIRCULATION/PARKING

1. UH Parking and Transportation Plan (Emily Messa)
2. UH Circulation Road/Traffic Study (Sean York + Consultant)  
UH Arts Initiative (Karen Farber)
3. Metro Light Rail Plans (Melissa Rockwell)
4. Campus Traffic Study (RFP)
5. Campus Street Maintenance Master Plan
6. Street Circulation Master Plan (RFP)  
UH Landscape Plan (Melissa Rockwell + Consultant)
7. ERP Master Plan (Sean York)

#### RESEARCH

8. UH Research Master Plan (Liz Anderson Fletcher)
9. A-21 Research Assessment (Liz Anderson Fletcher and Selestia Hodge)
10. ERP Master Plan (Sean York)
11. Classroom Utilization (Craig Ness)
12. CLASS Master Plan Research Component (Dean Roberts)

#### GENERAL MASTER PLANNING ISSUES

13. UH Housing Master Plan (Emily Messa, Tom Ehardt, Javier Hidalgo)
14. UH Childcare Task Force (Keith Kowalka)
15. UH Dining Facilities Plan (Emily Messa)
16. UH University Center Expansion (Keith Kowalka)
17. UH Arts Initiative (Karen Faber)
18. Arts Sculpture/Technology Building (John Reed)
19. UH Landscape Plan (Melissa Rockwell + Consultant)
20. UH Signage/Wayfinding Plan
21. UH Infrastructure and Utilities Master Plan (Melissa Rockwell, Sameer Kapileshwari)
22. UH Security Task Force
23. Facilities Condition Audit (Melissa Rockwell)
24. UH Sustainability Task Force (Emily Messa)
25. UH Classroom Management (Lillian Wanjagi)
26. UH Strategic Plan for Sugar Land (Alceste Pappas)

-NSM BUILDING INVENTORY

-NSM Major Capital Project Inventory (Feb 2011)

-Process/Progress Update:

-502 S: SCIENCE BUILDING  
ROOM SCHEDULE AND TYPE  
USE AND FILL RATE  
SF PERCENTAGE BREAKDOWN

-564 F: FLEMING  
ROOM SCHEDULE AND TYPE  
USE AND FILL RATE  
SF PERCENTAGE BREAKDOWN

-SAMPLE PI SPACE AND LABORATORY TYPE DISTRIBUTION

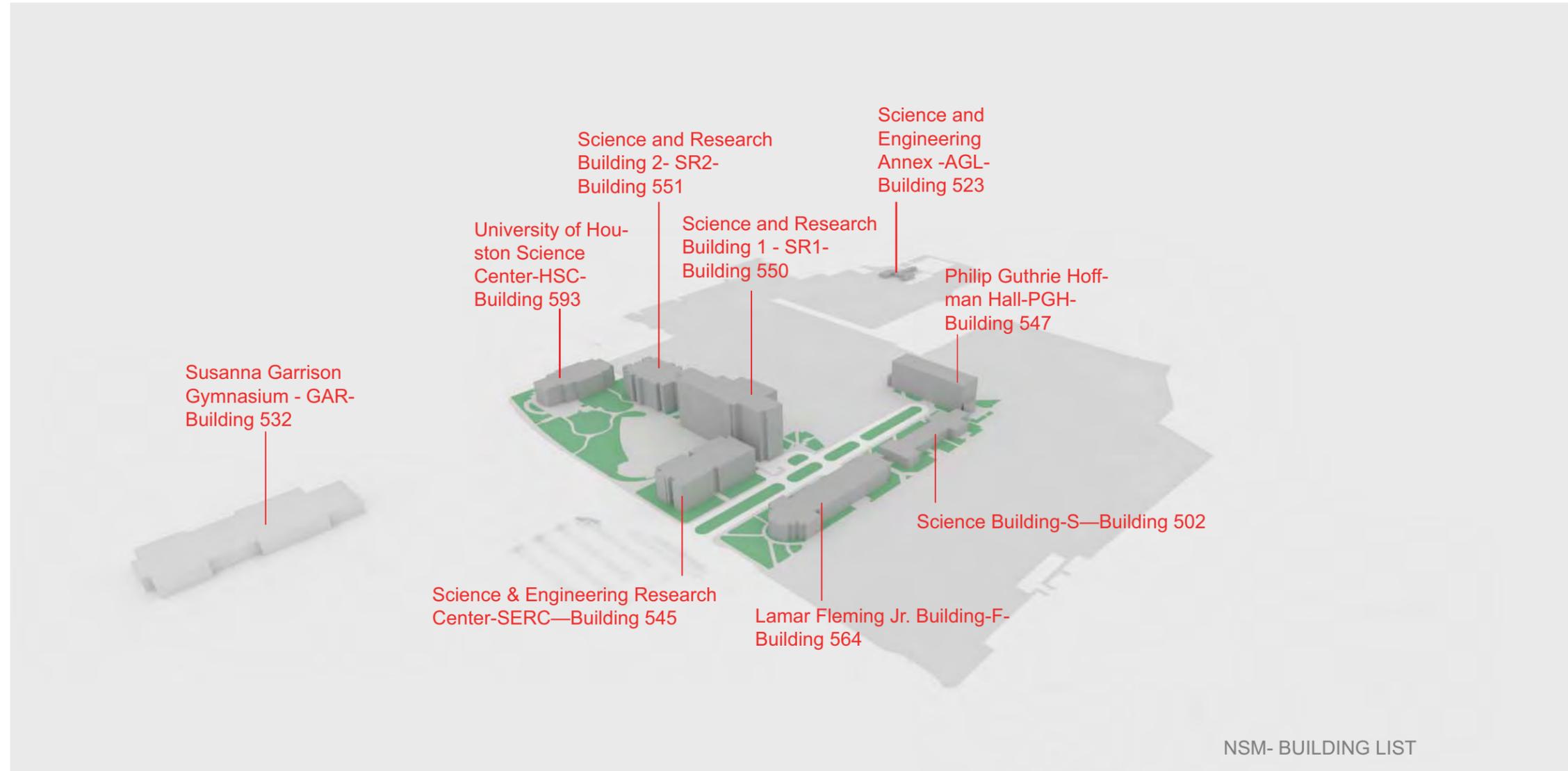
-SAMPLE PI SPACE USE SCHEDULE

-MANAGING RESEARCH AND KNOWLEDGE BASED ORGANIZATIONS

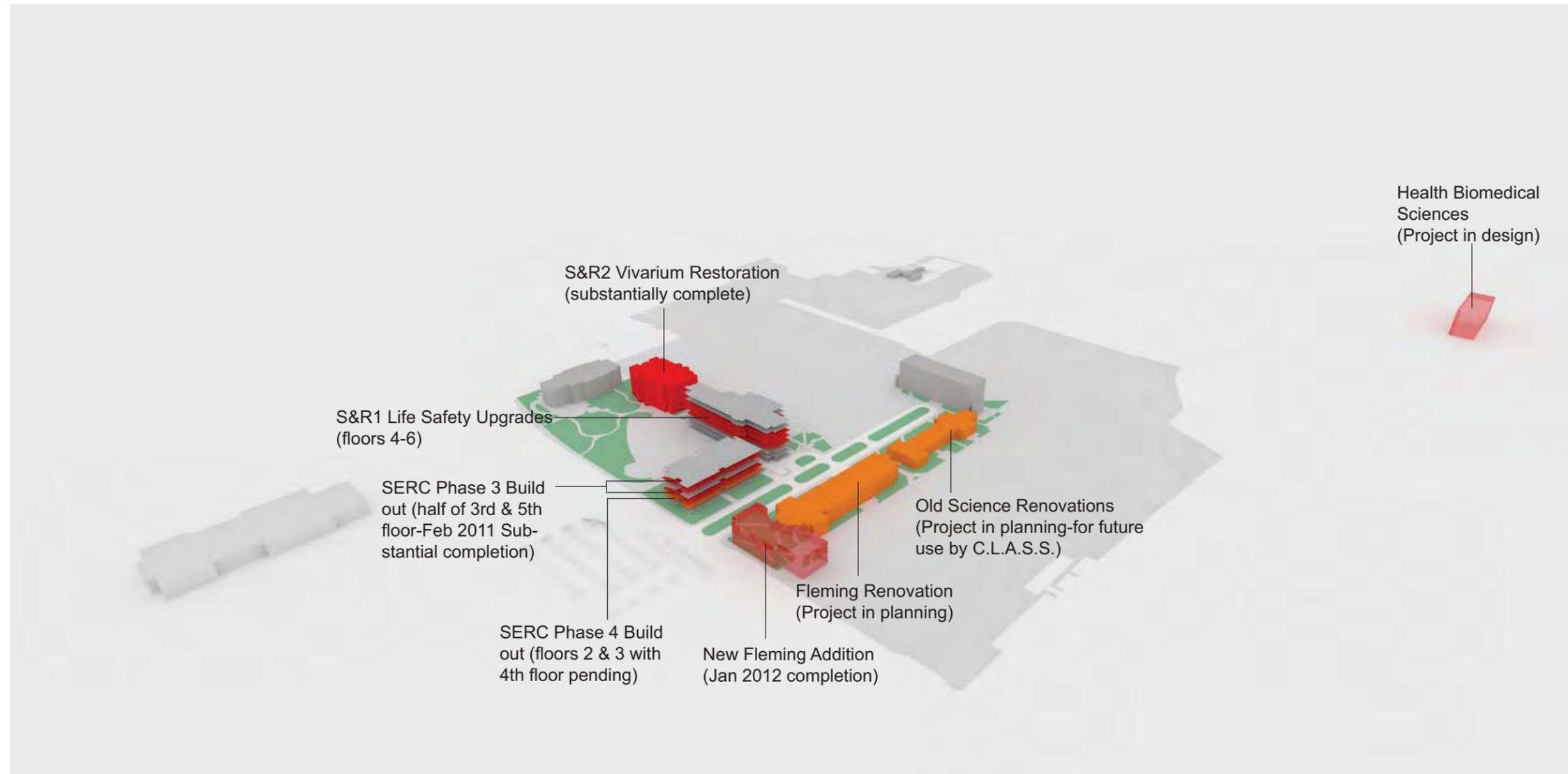
-UNIVERSITY OF HOUSTON RESEARCH MAP- WORK FLOW CHART

-RESEARCH AT THE UNIVERSITY OF HOUSTON

-INQUIRY

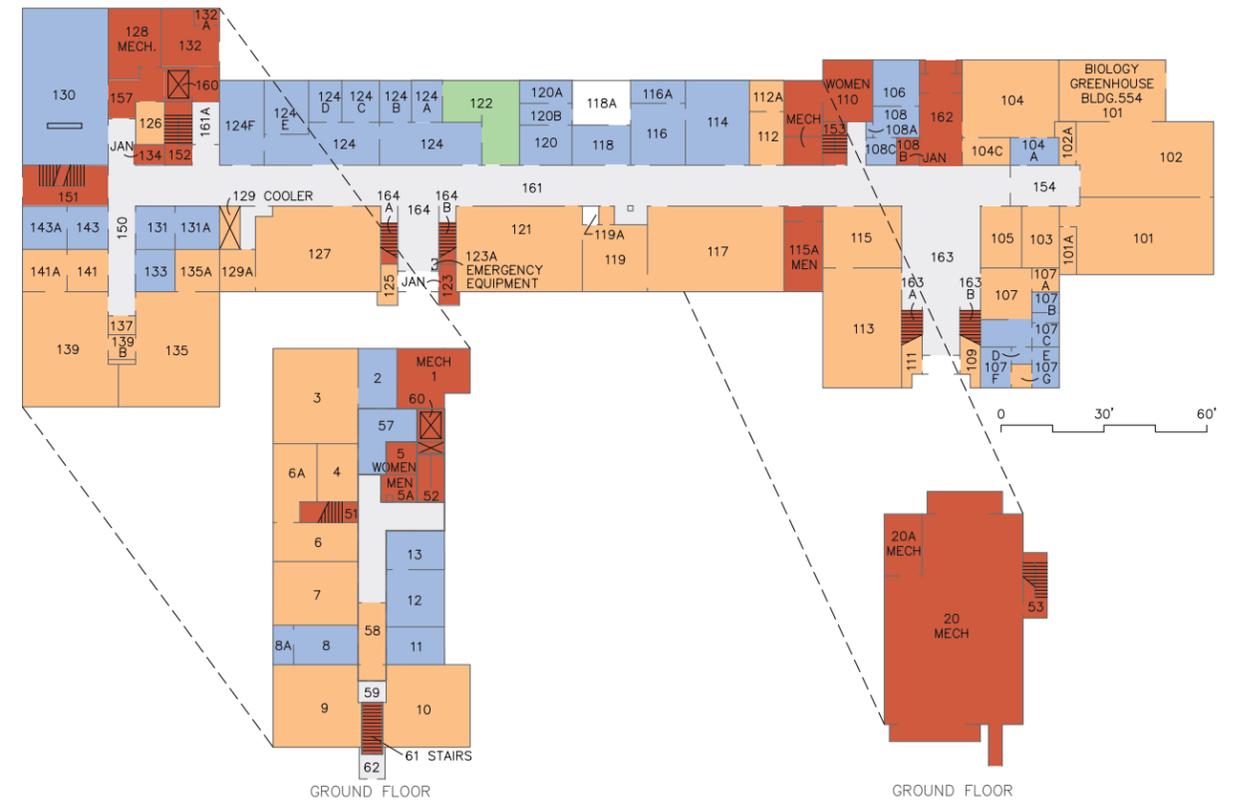
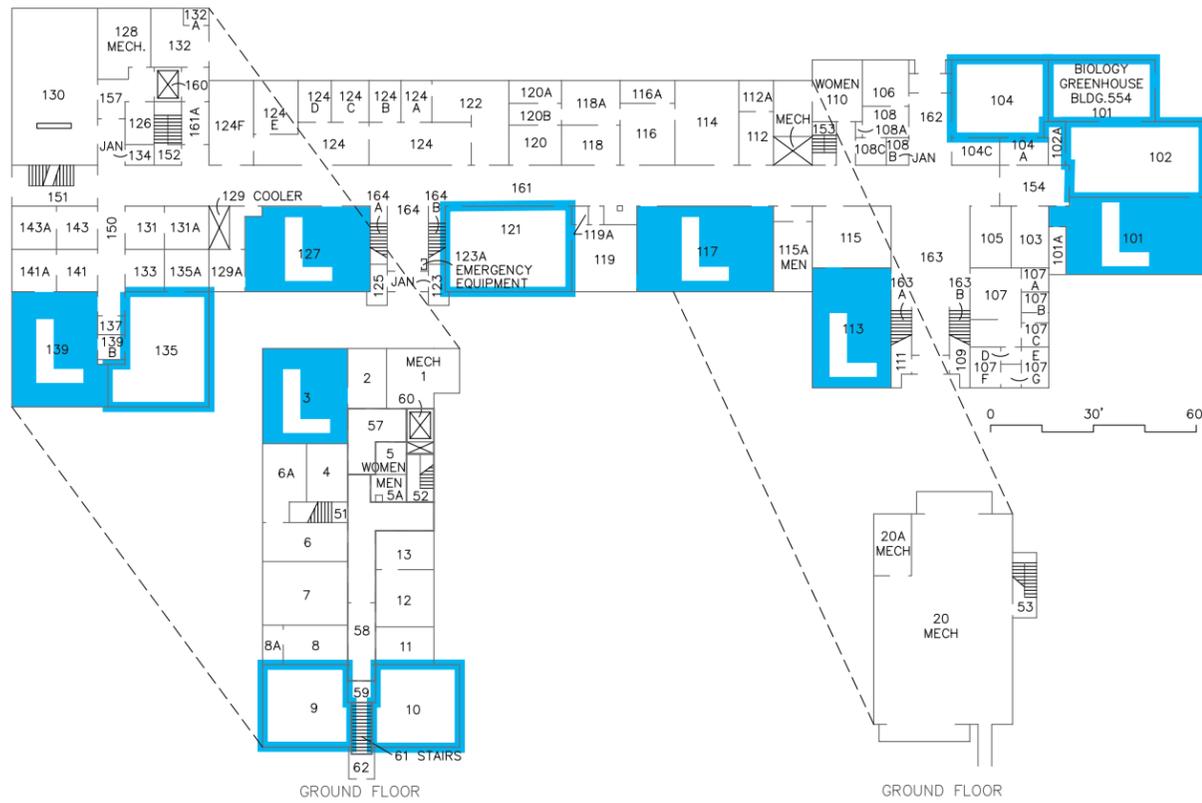


1. Science Building-S—Building 502
2. Science and Engineering Annex -SEA—Building 523
3. Science & Engineering Research Center-SERC—Building 545
4. Philip Guthrie Hoffman Hall-PGH—Building 547
5. Science and Research Building 1-SR1—Building 550
6. Science and Research Building 2-SR2—Building 551
7. Lamar Fleming Jr. Building-F—Building 564
8. University of Houston Science Center-HSC—Building 593
9. Susanna Garrison Gymnasium-GAR--Building 532





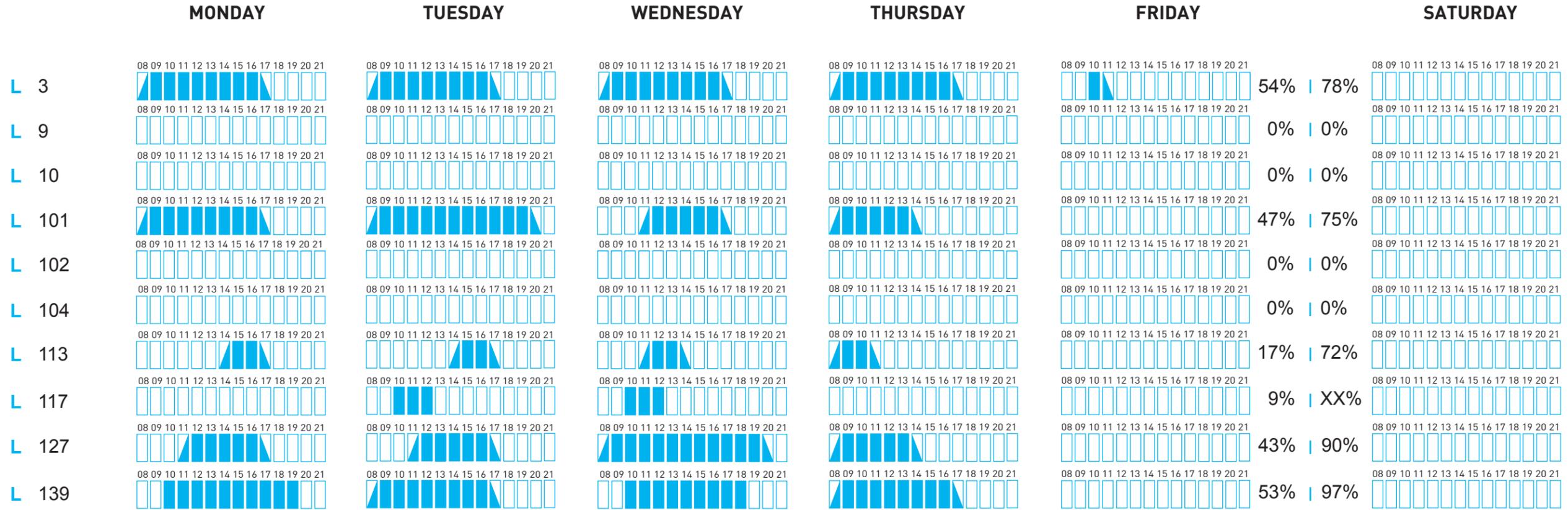
## ROOM SCHEDULE AND TYPE - 502 SCIENCE BUILDING GROUND AND FIRST FLOOR



- C** Classrooms with Scheduled Classes for Fall 2010
- S** Special Use with Scheduled Classes for Fall 2010
- L** Labs with Scheduled Classes for Fall 2010
- Assignable Rooms without Scheduled Classes for Fall 2010

- Supporting, Health Care & Residential
- Non-Assignable Areas
- Study Facilities
- Special Use Facilities
- General Use Facilities
- Classrooms Facilities
- Laboratory Facilities
- Circulation
- Office Facilities
- Unclassified Areas

ROOM SCHEDULE AND TYPE - 502 SCIENCE BUILDING GROUND AND FIRST FLOOR



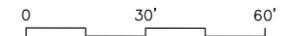
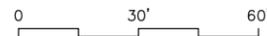
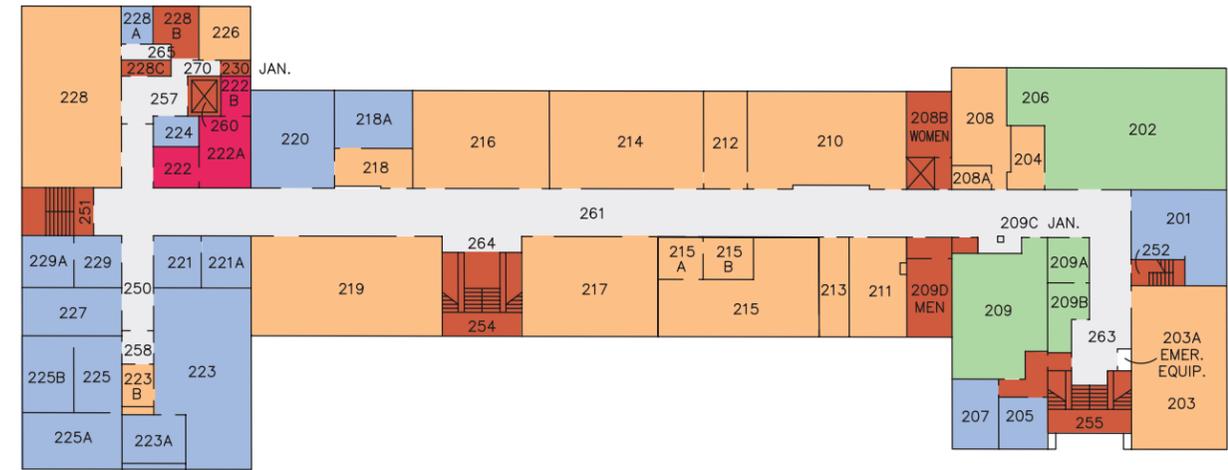
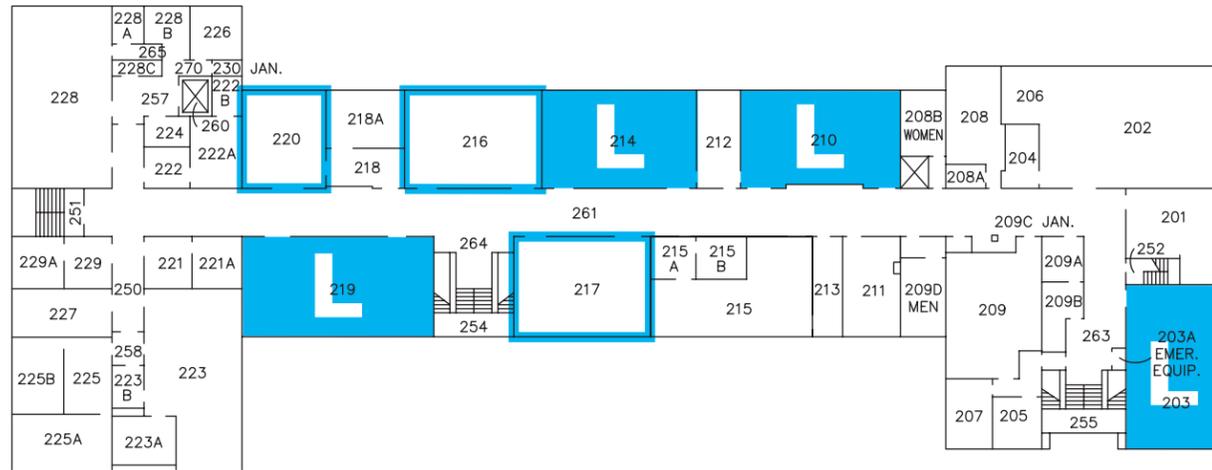
54% | 78%  
0% | 0%  
0% | 0%  
47% | 75%  
0% | 0%  
0% | 0%  
17% | 72%  
9% | XX%  
43% | 90%  
53% | 97%

USE RATE FILL RATE

00:00 00:15 00:30 00:45 01:00

USE RATE = (#HRS x 100) / 70 HRS FILL RATE = (#Students Enrolled x 100) / MAX (Maximum Enrollment; Room Capacity)

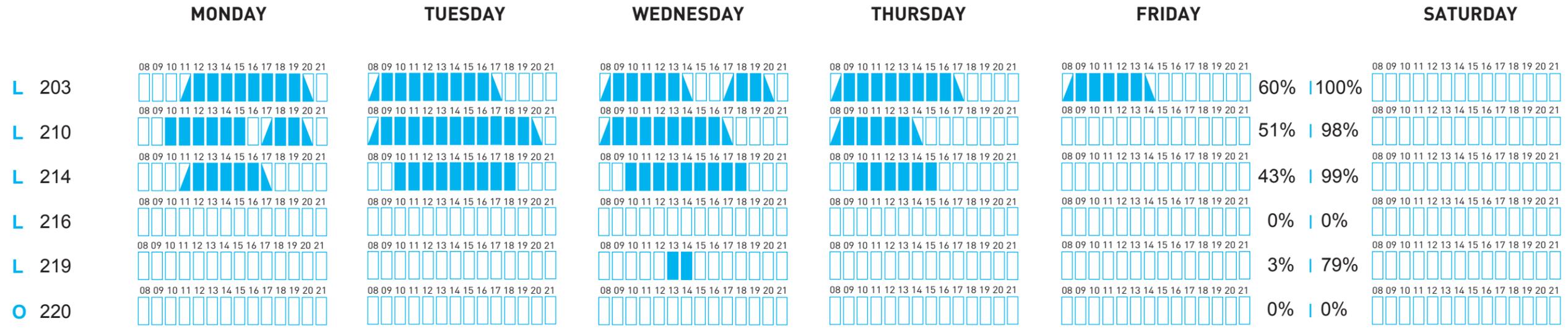
ROOM SCHEDULE AND TYPE - 502 SCIENCE BUILDING SECOND FLOOR



- C** Classrooms with Scheduled Classes for Fall 2010
- S** Special Use with Scheduled Classes for Fall 2010
- L** Labs with Scheduled Classes for Fall 2010
- ▭ Assignable Rooms without Scheduled Classes for Fall 2010

- ▭ Supporting, Health Care & Residential
- ▭ Non-Assignable Areas
- ▭ Study Facilities
- ▭ Special Use Facilities
- ▭ General Use Facilities
- ▭ Classrooms Facilities
- ▭ Laboratory Facilities
- ▭ Circulation
- ▭ Office Facilities
- ▭ Unclassified Areas

ROOM SCHEDULE AND TYPE - 502 SCIENCE BUILDING SECOND FLOOR



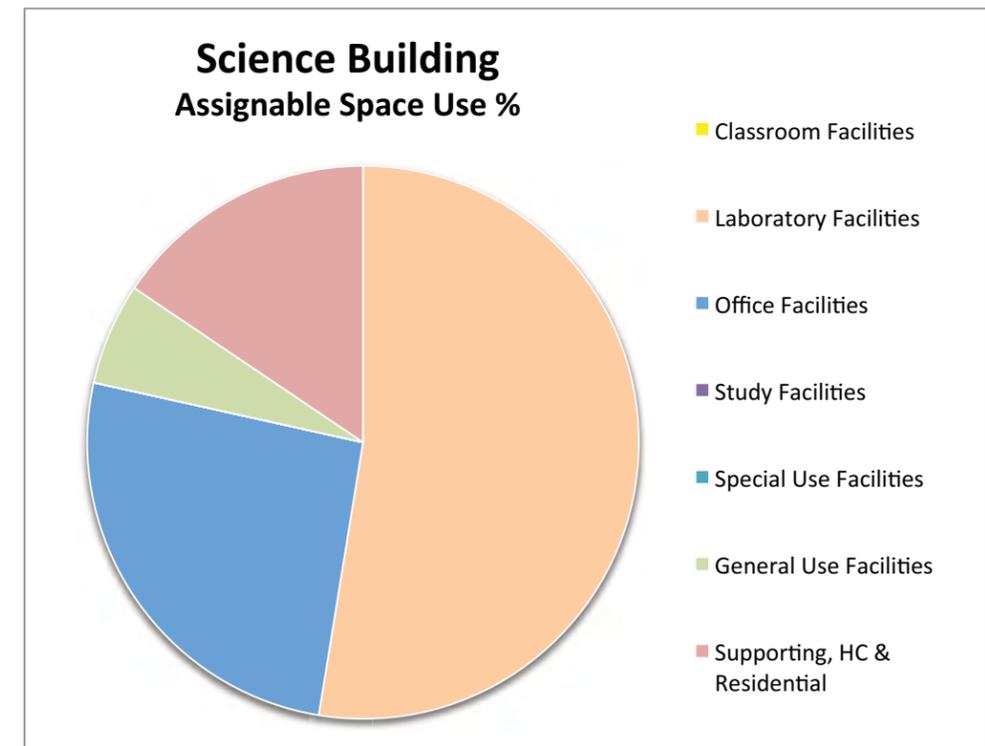
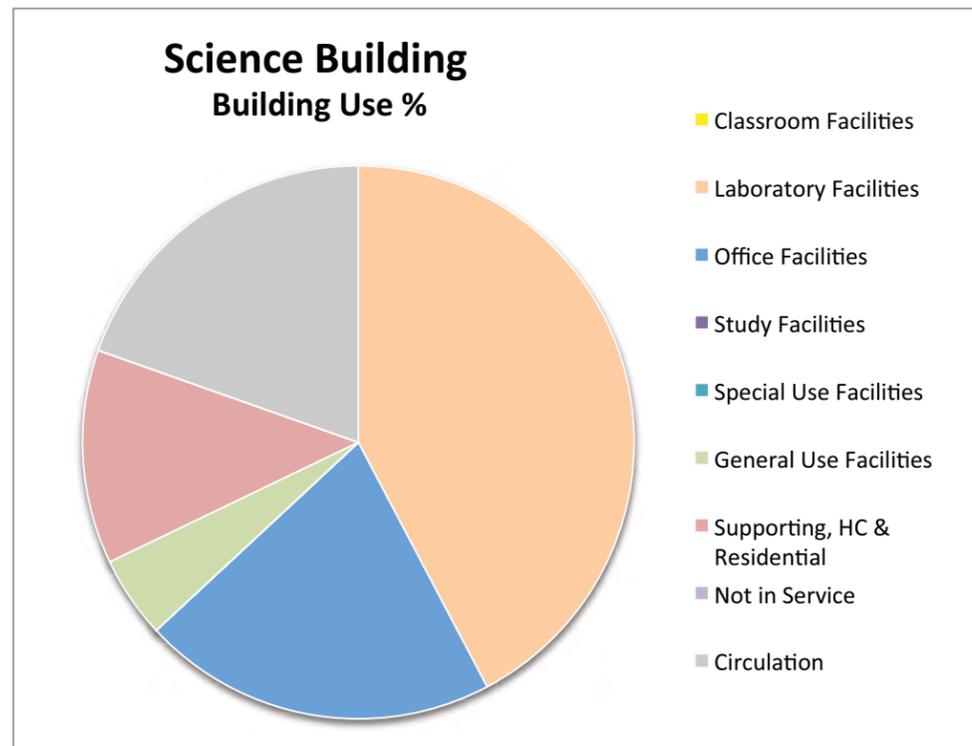
USE RATE

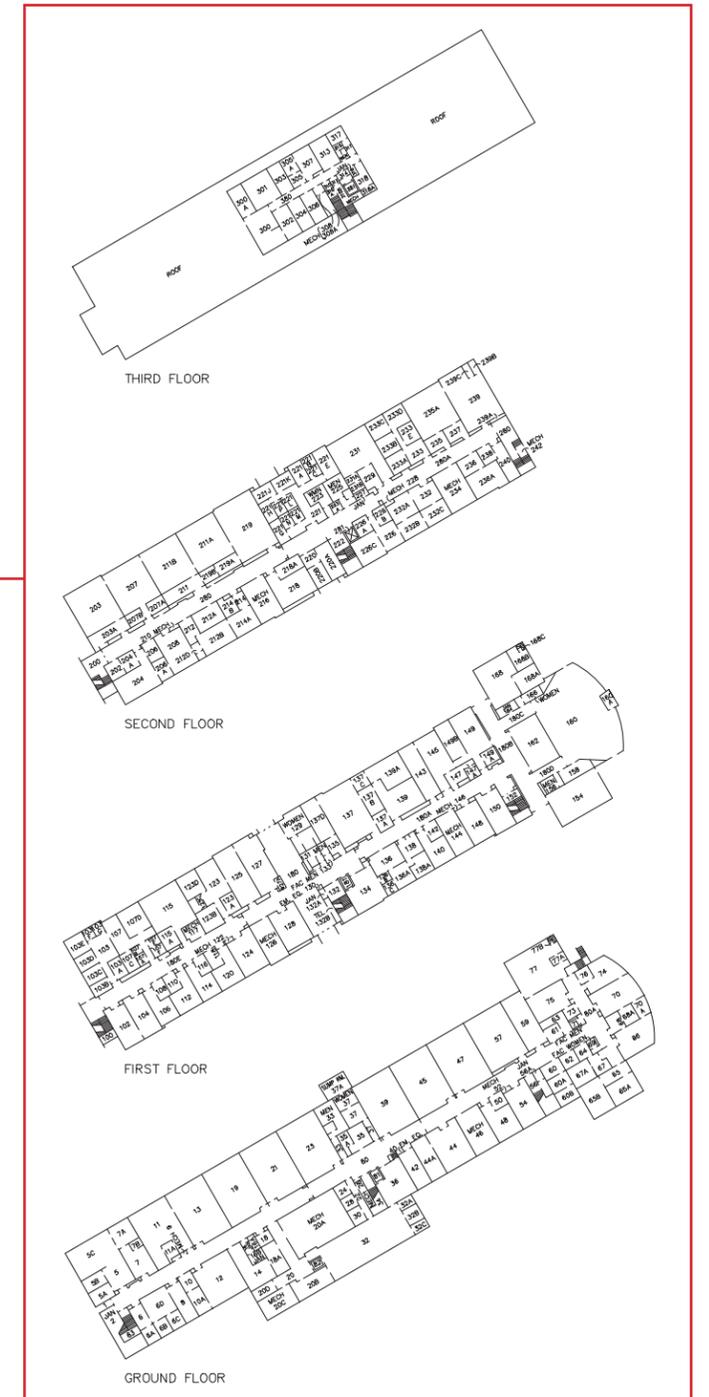
FILL RATE

USE RATE = (#HRS x 100) / 70 HRS    FILL RATE = (#Students Enrolled x 100) / MAX (Maximum Enrollment; Room Capacity)

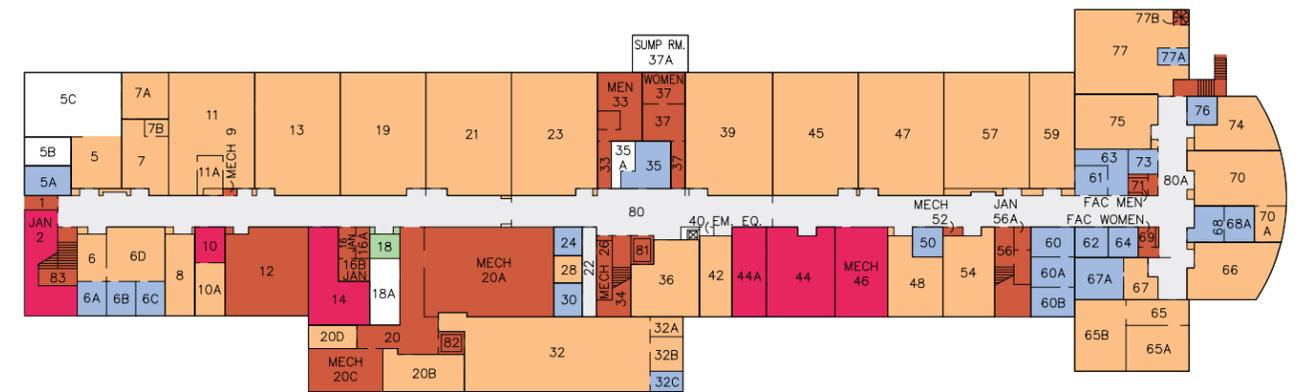
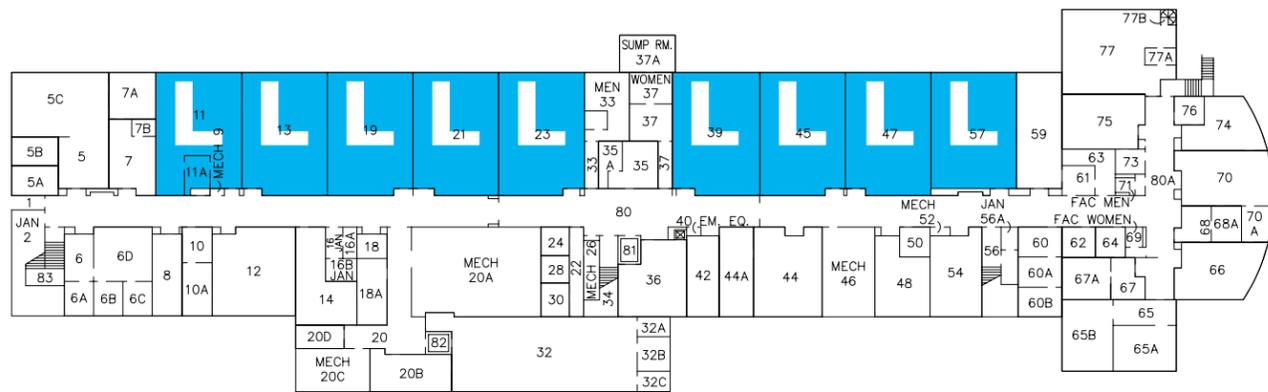
NSM: COLLEGE OF SCIENCES AND MATHEMATICS- 502 S\_SCIENCE BUILDING (SF BREAKDOWN)

Bldg No.	Building	Room Type	Space Code Use	NSF	Bldg Use %
S	Science			55257.23	100%
		Classroom Facilities	100s	0	0%
		Laboratory Facilities	200s	23354.72	42%
		Office Facilities	300s	11508.53	21%
		Study Facilities	400s	0	0%
		Special Use Facilities	500s	0	0%
		General Use Facilities	600s	2646	5%
		Supporting, HC & Residential	700s-900s, Letters	6919.28	13%
		Not in Service	50,60,70	0.00	0%
		Circulation		10828.7	20%





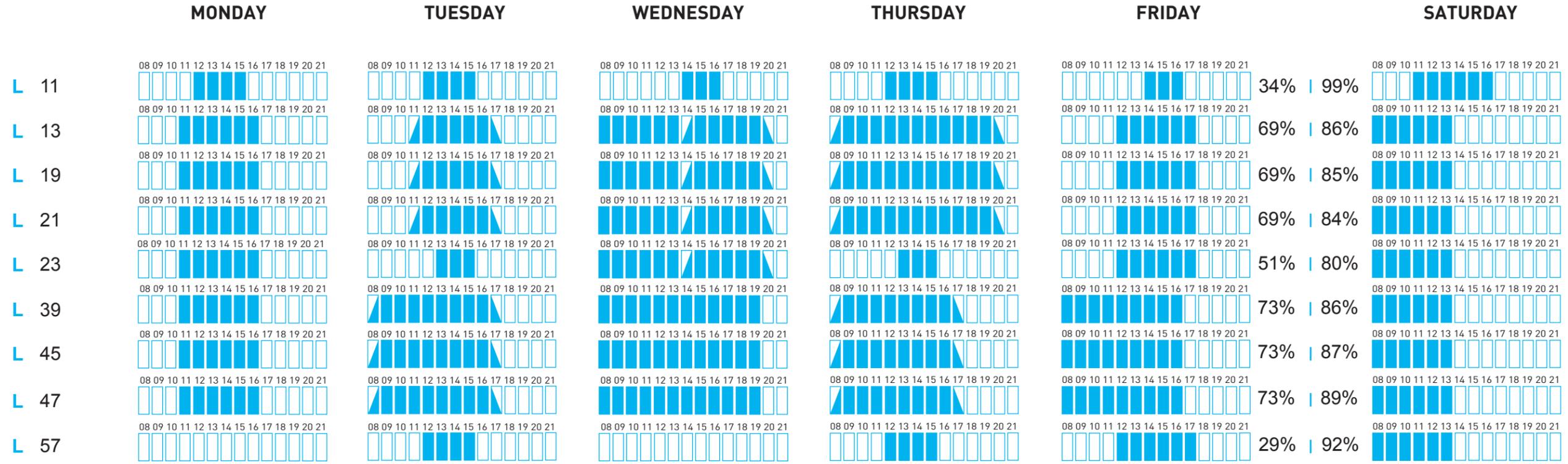
## ROOM SCHEDULE AND TYPE - 564 FLEMING BUILDING GROUND FLOOR



- C** Classrooms with Scheduled Classes for Fall 2010
- S** Special Use with Scheduled Classes for Fall 2010
- L** Labs with Scheduled Classes for Fall 2010
- ▭ Assignable Rooms without Scheduled Classes for Fall 2010

- Supporting, Health Care & Residential
- Non-Assignable Areas
- Study Facilities
- Special Use Facilities
- General Use Facilities
- Classrooms Facilities
- Laboratory Facilities
- Circulation
- Office Facilities
- Unclassified Areas

# ROOM SCHEDULE - 564 FLEMING BUILDING GROUND FLOOR

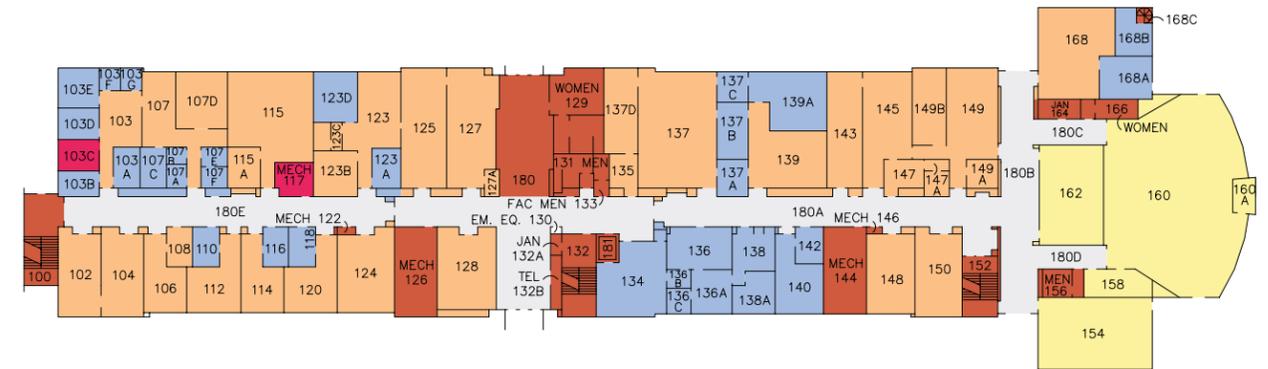
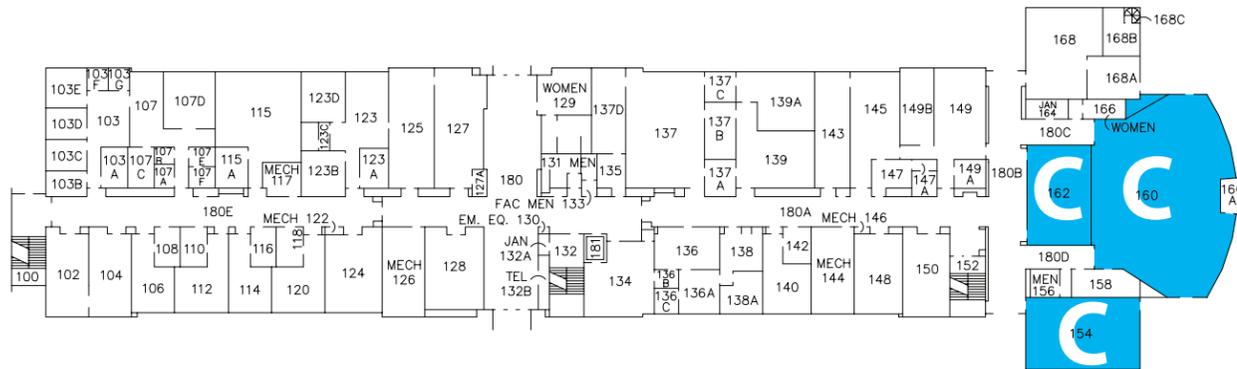


USE RATE FILL RATE

00:00 00:15 00:30 00:45 01:00

USE RATE = (#HRS x 100) / 70 HRS FILL RATE = (#Students Enrolled x 100) / MAX (Maximum Enrollment; Room Capacity)

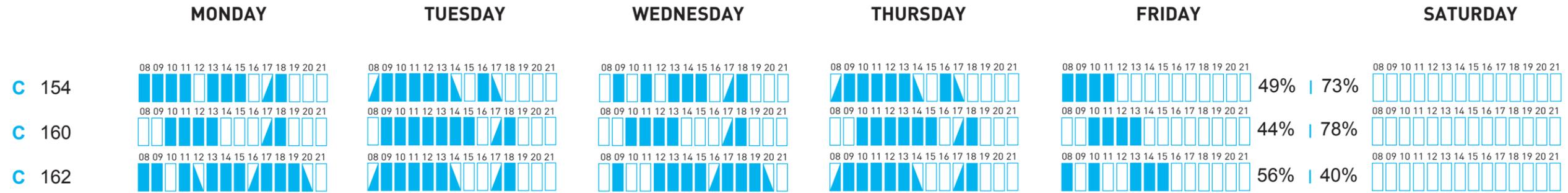
## ROOM SCHEDULE AND TYPE - 564 FLEMING BUILDING FLOOR 1



- C** Classrooms with Scheduled Classes for Fall 2010
- S** Special Use with Scheduled Classes for Fall 2010
- L** Labs with Scheduled Classes for Fall 2010
- ▭ Assignable Rooms without Scheduled Classes for Fall 2010

- ▭ Supporting, Health Care & Residential
- ▭ Non-Assignable Areas
- ▭ Study Facilities
- ▭ Special Use Facilities
- ▭ General Use Facilities

- ▭ Classrooms Facilities
- ▭ Laboratory Facilities
- ▭ Circulation
- ▭ Office Facilities
- ▭ Unclassified Areas

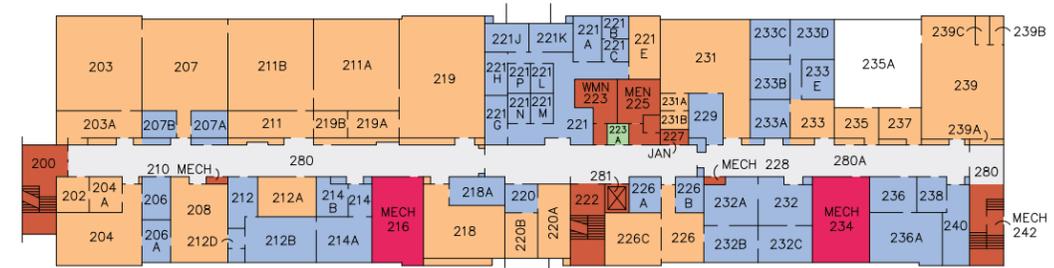
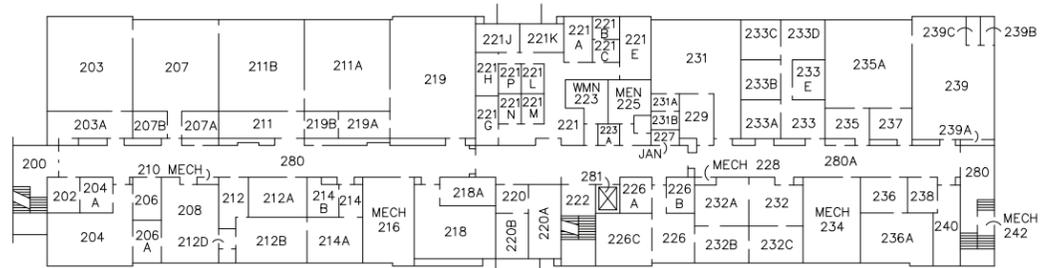


USE RATE FILL RATE

00:00 00:15 00:30 00:45 01:00

USE RATE = (#HRS x 100) / 70 HRS FILL RATE = (#Students Enrolled x 100) / MAX (Maximum Enrollment; Room Capacity)

## ROOM SCHEDULE AND TYPE - 564 FLEMING BUILDING FLOOR 2



- C** Classrooms with Scheduled Classes for Fall 2010
- S** Special Use with Scheduled Classes for Fall 2010
- L** Labs with Scheduled Classes for Fall 2010
- ▭ Assignable Rooms without Scheduled Classes for Fall 2010

- Supporting, Health Care & Residential
- Non-Assignable Areas
- Study Facilities
- Special Use Facilities
- General Use Facilities
- Classrooms Facilities
- Laboratory Facilities
- Circulation
- Office Facilities
- Unclassified Areas

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

NO CLASSES SCHEDULED

00:00 

00:15 

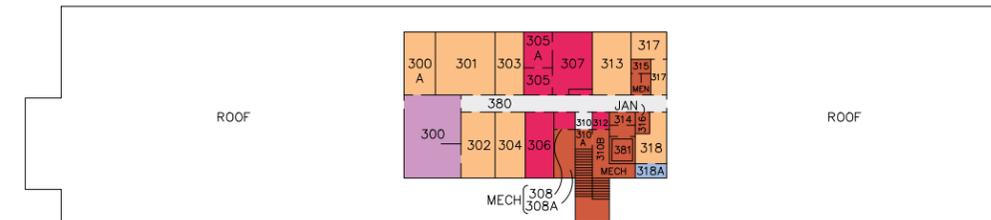
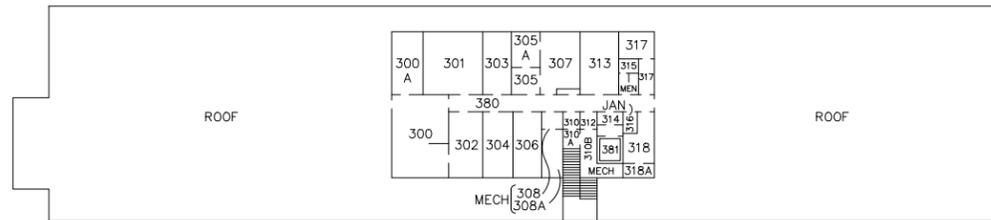
00:30 

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01:00 

USE RATE = (#HRS x 100) / 70 HRS FILL RATE = (#Students Enrolled x 100) / MAX (Maximum Enrollment; Room Capacity)

ROOM SCHEDULE AND TYPE - 564 FLEMING BUILDING FLOOR 3



- C** Classrooms with Scheduled Classes for Fall 2010
- S** Special Use with Scheduled Classes for Fall 2010
- L** Labs with Scheduled Classes for Fall 2010
- ▭ Assignable Rooms without Scheduled Classes for Fall 2010

- Supporting, Health Care & Residential
- Non-Assignable Areas
- Study Facilities
- Special Use Facilities
- General Use Facilities
- Classrooms Facilities
- Laboratory Facilities
- Circulation
- Office Facilities
- Unclassified Areas

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

NO CLASSES SCHEDULED

00:00 

00:15 

00:30 

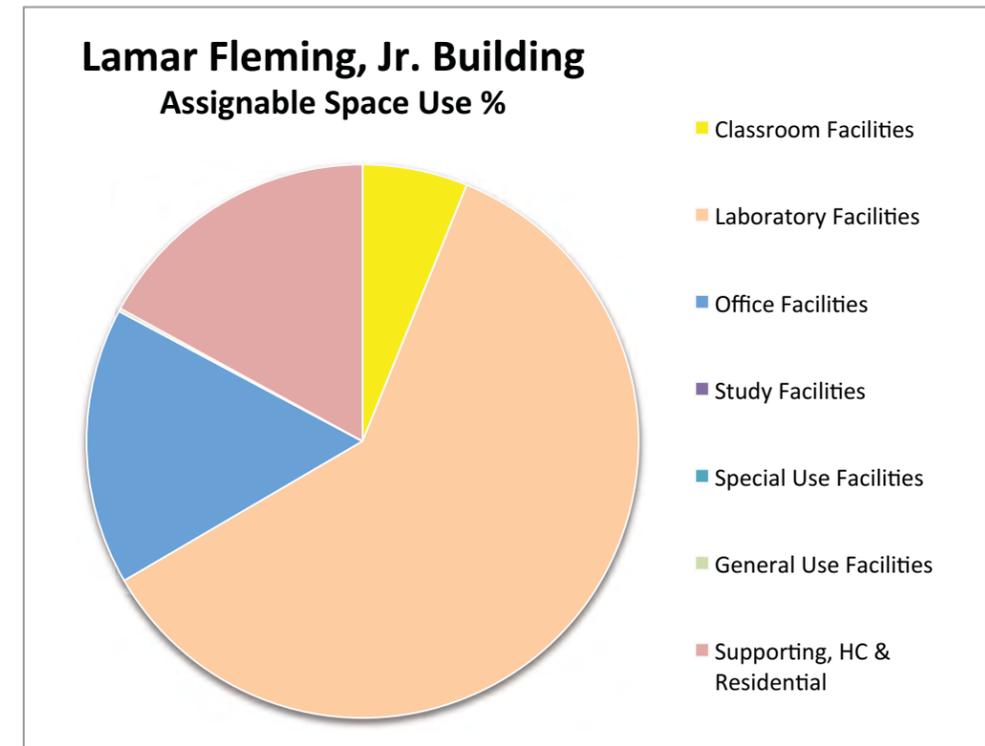
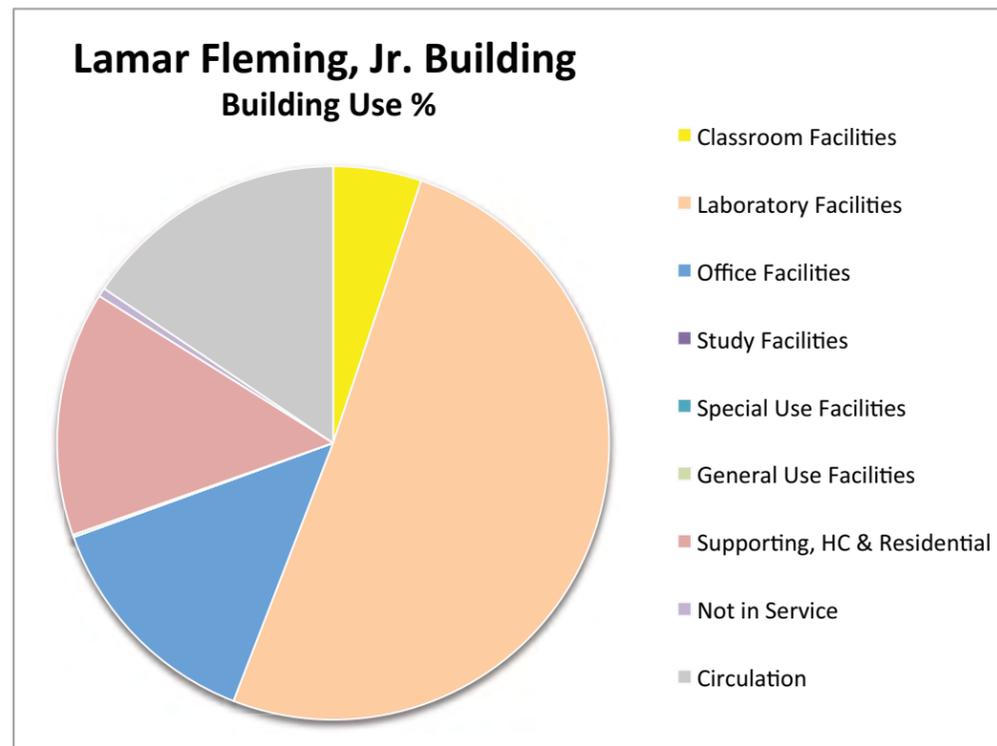
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USE RATE = (#HRS x 100) / 70 HRS FILL RATE = (#Students Enrolled x 100) / MAX (Maximum Enrollment; Room Capacity)

NSM: COLLEGE OF SCIENCES AND MATHEMATICS- 564 F\_FLEMING (SF BREAKDOWN)

Bldg No.	Building	Room Type	Space Code Use	NSF	Bldg Use %
F	Lamar Fleming, Jr.			98593.73	100%
		Classroom Facilities	100s	5101.08	5%
		Laboratory Facilities	200s	49992.67	51%
		Office Facilities	300s	13404.69	14%
		Study Facilities	400s	0	0%
		Special Use Facilities	500s	0	0%
		General Use Facilities	600s	134.38	0%
		Supporting, HC & Residential	700s-900s, Letters	14099.23	14%
		Not in Service	50,60,70	504.00	1%
		Circulation		15357.68	16%





# Managing Research and Knowledge Based Organizations (DRAFT)

Clarity of policy and transparency in operations are vital for a system of advanced research.

A peer review process to select, launch, track and close out research projects is fundamental to keeping a system healthy and working.

A major hindrance to new research efforts launching is that older projects which were expected to be clear are still on the work deck, or it is not clear what existing capacity is at any given time to address new work entering the system. The difficult job of administering and managing projects must be done by close peer review and the give and take of an academic forum. Efficiencies in the work must come from the teams themselves that are vested by the long term outcomes of the institution. Over the shoulder Administrative systems do not work well because efficiencies are not obvious and are often counter intuitive in the creative process of research.

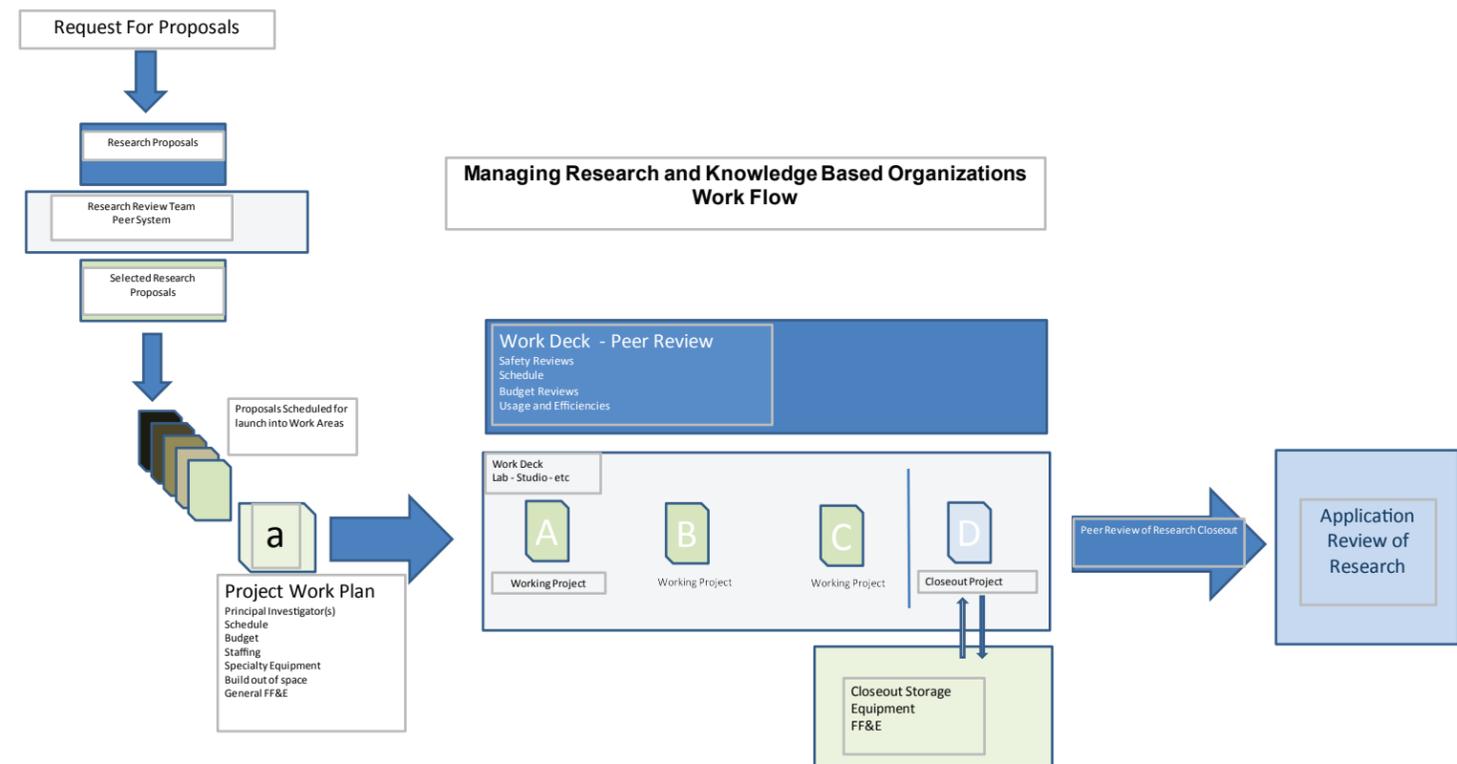
The best strategy is to make costs to projects transparent, true, and obvious. Let the teams find the best working solutions themselves and police it under a result based guide. These teams plan, launch track and closeout their projects as efficiently as possible.

One size does not fit all, in fact many smaller projects could not bear the weight of formulaic overhead costs at the outset of their work. The "Greenhouse Model" lets projects develop to a point where they can bear the full cost of operations. The proportion of "Greenhouse" to "Field" is a crucial question for any institution but it is best balanced when seen as a feeder to the main system. Knowing what research is in the line-up to launch on the "work deck" and what is the capacity of that deck are major challenges to the management team.

UH must have a range of infrastructure (and pricing of that F and A) to allow for the best fit for projects to supporting infrastructure. F and A pricing to a project should be transparent and testable. Modern project management tools must be used to offer a clear overview of scope, time and costs. There should be a menu of infrastructure space available to projects (gold, silver, bronze and lead) so projects can be competitive in the market and do not bear unwarranted costs.

Often the value of research information is not apparent at the time and does not add to the immediate appreciation of the work. A broad application review should be an integral part of the Research System.

Faculty office areas and Research office areas are productive space. We are seeing these areas used for teaching prep, research, research team work, On-line teaching, grant proposal writing and general administration. But we also see many offices that are offered are not used by faculty or rarely used. A major challenge of management is to make the best use of all assets. Flexibility in relations is very important to gain the best team members and project outcomes and all variations should be explored.



University of Houston Research Map



# University of Houston Research Map (DRAFT)

