

Summary

	Number of Departmental Employees				Offices				Research Laboratories			
	Full-Time Faculty	Part-Time Faculty	Technical Staff	Graduate Assistants	Full-Time Faculty	Part-Time Faculty	Technical Staff	Graduate Assistants	Full-Time Faculty	Part-Time Faculty	Technical Staff	Graduate Assistants
Current Total	68	6	5	31	68	3	2	15	36	0	1	1
Current Substandard					7	1	0	6	13	0	0	0
Current Deficiency					3	2	2	9	6	0	0	1
Estimated Total Need in Five Years					66	5	4	36	44	0	1	3

	Small (< 100 Students)		Large		Labs	Computer Labs	Storage Rooms	Student Study Rooms
	Non-tech Class Rooms	Tech Class Rooms	Non-tech Class Rooms	Tech Class Rooms				
Current Total	12	5	1	2	11	7	12	2
Current Substandard	1	3	1	1	6	2	2	2
Current Deficiency	4	5	2	1	11	1	19	4
Estimated Total Need in Five Years	13	13	0	2	15	7	14	8

Equipment
of major pieces of equipment that the department currently has and will need in addition to any requirements for space needed.
Refer to specific department

Biology

	Number of Departmental Employees				Offices				Research Laboratories			
	Full-Time Faculty	Part-Time Faculty	Technical Staff	Graduate Assistants	Full-Time Faculty	Part-Time Faculty	Technical Staff	Graduate Assistants	Full-Time Faculty	Part-Time Faculty	Technical Staff	Graduate Assistants
Current Total	17	0	1	15	16	0	0	7	17	0	0	0
Current Substandard					0	0	0	3	7	0	0	0
Current Deficiency					1	0	1	4	0	0	0	0
Estimated Total Need in Five Years					17	0	1	18	17	0	0	0

	Small (< 100 Students)		Large		Labs	Computer Labs	Storage Rooms	Student Study Rooms
	Non-tech Class Rooms	Tech Class Rooms	Non-tech Class Rooms	Tech Class Rooms				
Current Total	2 2/3	0	1	1/4	8	1	16	0
Current Substandard	1	0	0	0	0	1	2	0
Current Deficiency	0	2	1	1	1	0	0	1
Estimated Total Need in Five Years	2 2/3	2	1 1/4	1 1/4	9	1	16	1

Equipment

List of major pieces of equipment that the department currently has and will need in addition to any requirements for space needed.

Current or Projected Equipment that requires separate lab space: Ultracentrifuge, Scintillation Counter, Freeze Dryer, Table-top Centrifuge, Glass-front refrigerator, Liquid Nitrogen Tanks, HPLC System, Spectrophotometer, PCR Machines, Shaker Incubator, Growth Chambers. This room should be, at minimum, similar in size to Rhodes Hall 220. A separate room will also be needed for potential purchase of a Scanning Electron Microscope, Fluorescence Microscope and ancillary

Chemistry

	Number of Departmental Employees				Offices				Research Laboratories			
	Full-Time Faculty	Part-Time Faculty	Technical Staff	Graduate Assistants	Full-Time Faculty	Part-Time Faculty	Technical Staff	Graduate Assistants	Full-Time Faculty	Part-Time Faculty	Technical Staff	Graduate Assistants
Current Total	11	1	1	6	11	0	0	2	8	0	0	0
Current Substandard					0	0	0	2	4	0	0	0
Current Deficiency					0	1	0	1	3	0	0	1
Estimated Total Need in Five Years					12	1	0	5	12	0	0	2

	Small (< 100 Students)		Large		Labs	Computer Labs	Storage Rooms	Student Study Rooms
	Non-tech Class Rooms	Tech Class Rooms	Non-tech Class Rooms	Tech Class Rooms				
Current Total	0	1	1	1 1/2	4	1	2	0
Current Substandard	0	1	0	0	1	0	0	0
Current Deficiency	1	0	0	0	1	0	0	1
Estimated Total Need in Five Years	1	2	0	2	6	1	3	1

Chemistry Equipment

Equipment

List of major pieces of equipment that the department currently has and will need in addition to any requirements for space needed.

On Hand		Space:	
High Field NMR		Adequate	
Molecular Spectroscopy Instrumentation		Room renovation needed	
Chromatography & Mass Spectrometer		Inadequate space where presently housed	
Laser Spectroscopy Instrumentation		Room renovation needed	
Atomic Spectroscopy Instrumentation		Room renovation needed	
P-Chem Laboratory Instrumentation		Inadequate space where presently housed in teaching laboratory MG 242	

Major
X-Ray Crystallography Diffractometer - will need space to house and isolate unit
Thermal Analytical /Physical Instrumentation - will need space to house

General comment on Chemistry Space in Magill. With exception of MG 148, MG 124, MG 17, MG 210, MG 214, and MG 216 (all of which have been renovated within past 10 years) all other space has very poor lighting, (original lights - 1950's) and in general has the appearance of a dungeon. Most research space lacks proper safety features (all labs should have two exits, as an example). New fume hoods in MG 222 and MG 216 operate at a noise level exceeding OSHA maximum.

Computer Science

	Number of Departmental Employees				Offices				Research Laboratories			
	Full-Time Faculty	Part-Time Faculty	Technical Staff	Graduate Assistants	Full-Time Faculty	Part-Time Faculty	Technical Staff	Graduate Assistants	Full-Time Faculty	Part-Time Faculty	Technical Staff	Graduate Assistants
Current Total	7	0	0	0	8	0	0	0	0	0	0	0
Current Substandard					0	0	0	0	0	0	0	0
Current Deficiency					0	0	0	0	0	0	0	0
Estimated Total Need in Five Years					0	0	0	0	0	0	0	0

	Small (< 100 Students)		Large		Labs	Computer Labs	Storage Rooms	Student Study Rooms
	Non-tech Class Rooms	Tech Class Rooms	Non-tech Class Rooms	Tech Class Rooms				
Current Total	0	2 1/2	0	0	0	2	1	0
Current Substandard	0	0	0	0	0	0	0	0
Current Deficiency	0	0	0	0	0	0	0	0
Estimated Total Need in Five Years	0	3	0	0	0	3	1	1

Equipment
List of major pieces of equipment that the department currently has and will need in addition to any requirements for space needed.
Computers

Geoscience

	Number of Departmental Employees				Offices				Research Laboratories			
	Full-Time Faculty	Part-Time Faculty	Technical Staff	Graduate Assistants	Full-Time Faculty	Part-Time Faculty	Technical Staff	Graduate Assistants	Full-Time Faculty	Part-Time Faculty	Technical Staff	Graduate Assistants
Current Total	6	1/2	3/4	5	7	1	0	3	5	0	1	1
Current Substandard					0	0	0	0	1	0	0	0
Current Deficiency					0	0	1	3	1	0	0	0
Estimated Total Need in Five Years					7	1	1	7	6	0	1	1

	Small (< 100 Students)		Large		Labs	Computer Labs	Storage Rooms	Student Study Rooms
	Non-tech Class Rooms	Tech Class Rooms	Non-tech Class Rooms	Tech Class Rooms				
Current Total	1 1/4	0	0	0	3	1	4	1
Current Substandard	1 1/4	0	0	0	3	1	2	0
Current Deficiency	0	0	1/4	0	1	0	0	1
Estimated Total Need in Five Years	1 1/2	0	1/4	0	4	1	4	4

Equipment

List of major pieces of equipment that the department currently has and

--

Mathematics

	Number of Departmental Employees				Offices				Research Laboratories			
	Full-Time Faculty	Part-Time Faculty	Technical Staff	Graduate Assistants	Full-Time Faculty	Part-Time Faculty	Technical Staff	Graduate Assistants	Full-Time Faculty	Part-Time Faculty	Technical Staff	Graduate Assistants
Current Total	19	4	0	5	18	1 1/2	0	2 1/2	0	0	0	0
Current Substandard					7	1/2	0	1/2	0	0	0	0
Current Deficiency					1	1	0	1	0	0	0	0
Estimated Total Need in Five Years					21	3	0	6	0	0	0	0

	Small (< 100 Students)		Large		Labs	Computer Labs	Storage Rooms	Student Study Rooms
	Non-tech Class Rooms	Tech Class Rooms	Non-tech Class Rooms	Tech Class Rooms				
Current Total	8	1	0	0	0	1	2	1
Current Substandard	0	0	0	0	0	1	0	1
Current Deficiency	0	3	0	0	0	0	3	0
Estimated Total Need in Five Years	8	5	0	0	0	1	5	1

Equipment

List of major pieces of equipment that the department currently has

--

Physics

	Number of Departmental Employees				Offices				Research Laboratories			
	Full-Time Faculty	Part-Time Faculty	Technical Staff	Graduate Assistants	Full-Time Faculty	Part-Time Faculty	Technical Staff	Graduate Assistants	Full-Time Faculty	Part-Time Faculty	Technical Staff	Graduate Assistants
Current Total	8	0	2	0	8	0	2	0	6	0	0	0
Current Substandard					0	0	0	0	1	0	0	0
Current Deficiency					1	0	0	0	2	0	0	0
Estimated Total Need in Five Years					9	0	2	0	9	0	0	0

	Small (< 100 Students)		Large		Labs	Computer Labs	Storage Rooms	Student Study Rooms
	Non-tech Class Rooms	Tech Class Rooms	Non-tech Class Rooms	Tech Class Rooms				
Current Total	2	0	0	1/3	4	1	1	0
Current Substandard	0	0	0	0	1	0	0	0
Current Deficiency	0	0	0	0	0	0	0	1
Estimated Total Need in Five Years	2	3	0	1/3	5	1	1	1

Equipment

List of major pieces of equipment that the department currently has and