

Response to the Council for the Built Environment on Space Needs for the Faculty Reinvestment Plan

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The extraordinary space deficits in the College of Architecture are documented in the Paulien Report, which shows a current deficit of 47,000 sf (46%) and an anticipated deficit of 71,524 sf (67%). Internal analysis by College administrators has identified office space for graduate students, faculty offices, and research labs as the unmet needs with the highest priority. The College also needs additional classrooms and renovations, but a current allocation for renovation is being devoted to meeting these needs.

The College has been allocated a “front loaded” faculty hiring strategy that will recruit 12 faculty for FY 2005 and FY 2006. Two additional faculty in each of FY 2007 and FY 2008 will also be hired. The table shows the derivation of the need for 65,707 sf in FY 2005 and FY 2006.

Effective recruiting of signature program faculty will require addressing the deficits very quickly. Consequently, the College strongly urges the University to pursue a strategy of reassigning and renovating space in nearby buildings.

College of Architecture Space Needs

Efficiency ratio	0.75					
	Qty	sf/unit	Total net sf	Total gross sf	Total for category	Budget (\$30 / sf renovation cost)
<i>Reinvestment for FY 05 and FY 06</i>					18,240	\$ 547,200
Faculty offices	12	140	1680	2,240		
Research lab	12	1000	12000	16,000		
<i>Current deficit FY 05 and FY 06</i>					47,467	\$1,424,000
Ph.D. student offices	80	70	5600	7,467		
Research lab for existing faculty	30	1000	30000	40,000		
<i>Total needs for reinvestment and correcting deficit in FY 05 and FY 06</i>					65,707	\$1,971,200

<i>Reinvestment for FY 07 and FY 08</i>					6,080	\$ 182,400
Faculty offices	4	140	560	747		
Research lab	4	1000	4000	5,333		

Total needs for reinvestment and correcting deficit FY 05, FY 06, FY 07, FY 08					71,787	\$2,153,600
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Needs derived from the reinvestment program for 2005 and 2006 include faculty offices for 12 new faculty members and associated research labs. Needs derived from meeting current space deficits include provision of office space for approximately 80 Ph.D. students and approximately 30 research labs for use by current faculty members with research interests. The research labs would largely accommodate graduate student workstations, model shops, computer projection facilities, and high-end computing facilities. Renovated spaces should include contiguous faculty offices and graduate student offices to allow the creation of research groups of faculty and students with related interests.

A very strong preference is that the renovated space should be in buildings near the Langford Architecture Center. It is reasonable to make use of space in several buildings if necessary, although it is important to create clusters of 5000 sf or more to achieve an identity for an effective group of faculty and students. The needs could be met by reassigning space in Wisenbaker, the Glasscock History Building, and Williams Administration Building. An opportunity exists to exploit a synergy between the Energy Systems Lab (ESL) in Wisenbaker Engineering Center and the Sustainable Environments Signature Program of the College of Architecture. It would be appropriate to allocate approximately 7500 sf to the College of Architecture in space proximate to the ESL.

Because the new space will primarily be offices and computer labs, renovation costs can be projected to be at the low to moderate level. Upgrades to electrical, telephone, and networking systems are likely to be required. A budget of \$2,200,000 can meet all of the needs (if major asbestos abatement or modifications for ADA compliance are avoided.) While the table shows nearly \$2,000,000 in the first two years, this expense could be spread more evenly over the four years by deferring some of the funds to meet current deficits.