

Sciences and Arts 2011-2012 Goals for University Metrics

Average ACT Scores of Freshmen in 2011 – 2012:

Math	26
Engl	25
Composite	26

This is based on the following 10 year history for the College of Sciences & Arts:

	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005
Math	25	26	25	26	26	26	26	26	26	26	26
English	24	25	24	24	24	24	24	24	24	25	24
Composite	25	26	26	25	25	25	25	26	26	26	26

PhD Graduates in 2011-12: **22**

Bio	1 to 2
Chem	3 to 4
CS	3
HU	5
Math	3
Phys	4 to 5
SS	1

Total **20 to 23**

The ten year average (between 1995 and 2005) is **15**, based on an average enrollment of **132**. The resulting average rate factor for completion of 1/9 (instead of the university average of 1/8) can be explained by the relatively new PhD programs in Math and CS, resulting in few graduates in these programs in the 10 year frame under consideration. Therefore, for the 2011-2012 prediction, the university average of 1/8 seems to be appropriate. Based on the **PhD enrollment** of around **180** in the last 2 years, the predicted PhD graduates of 22 seem to be “reasonable”. [The College of Sciences and Arts produced already 20 (21) PhDs in 1997-98 (2000-01), followed by a low year of 6 (9).]

Sponsored Programs Awards in 2011-12: **\$6.4 million**

In the *compendium*, awards are listed by PI and Co-PI, about **4 million** each in the last reported year (2005) for a total of 8 million. Since the Co-PI portion lists also the total award value not only the Co-PI portion, it is assumed that the total awards for Sciences and Arts were \$4 million to avoid double-counting.

The current annual research expenditures are also around **4 million**, up from 2.3 million in 1996. This amounts to an increase of **71% over 9 years** or **an annual average of 8%**. The biggest increases happened in CS (from \$100,000 to \$1,000,000), SS (from \$44,000 to \$350,000), and Physics (from \$500,000 to \$1,500,000). The decline in Biology (from \$1,300,000 to \$300,000), due to retirements and resignations of research-active faculty, was counteracting these increases. With some of the new faculty hiring, the research should get back on track. Therefore, the assumption of an overall **annual increase** for the College of **about 10%** in both awards and expenditures seems to be justified. It is therefore estimated that the College of Sciences and Arts will reach **\$6.4 million in sponsored programs awards by 2011-12**.

Endowment in 2011-12: \$50 million

The current Tech Fund balance of all Sciences and Arts accounts is about \$2.2 million. Approximately **\$1million** is in endowment. The campaign draft statement submitted last June (June 2006) lists the following goals for endowments:

10 Endowed Chairs	20,000,000
10 Endowed Professorships	10,000,000
Undergraduate Scholarships	5,940,000
Graduate Fellowships	5,200,000
Program Endowments	8,510,000
Endowment total:	49,650,000