



# Note Booth

*library news for eiu faculty*

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## Library Proposes New Discipline Allocation Formula

Historically, Booth Library's discipline allocations have been driven largely by the cost of library materials. In an era of stagnating or declining library budgets and inflationary costs, there has been growing concern among faculty and administration that cost alone is not sufficient to determine budget allocations. Given these concerns and, since the University is currently engaged in strategic planning, it is appropriate for the Library to address this issue.

In October 1994, the Subcommittee for Discipline Allocations was formed from the Booth Library Collection Development Committee. Subject librarians representing disciplines from each of the four colleges were appointed by the Dean. The committee's charge was to develop a formula for discipline allocation. As work progressed, an open meeting was held on January 19, 1995, to hear faculty concerns. After an extensive review of the literature describing formulas used in other academic libraries, the subcommittee recommended six well-documented criteria that are relevant to EIU:

- cost of books and periodicals
- library use statistics
- student credit hours by division (lower, upper, and graduate)
- FTE faculty
- FTE majors
- existence of a graduate program

The list of proposed criteria was given to the Library Advisory Board for comment on March 6, 1995. The following day, the criteria were submitted to the President, the Vice President for Academic Affairs, and the Council of Deans. Then, data were compiled from the 1994 *Bowker Annual*, the 1994/95 *EIU Academic Program Information Book*, *Booth Library Circulation Statistics 1993/94*, and information from EIU's Planning Services. These sources are updated annually. The Subcommittee decided that cost was the most

important criteria and that library use statistics, because of their inherent controversy, were the least important at present. Therefore, the weights were established: cost times 5, library use statistics times 1, and the remaining four criteria times 2. Student credit hour divisions were also internally weighted at lower (x1), upper (x2), and graduate (x3). The resulting formula was tested using the FY95 discipline allocation, which included the additional funds allocated in January 1995. The results are presented on the inside pages. Data used for the calculations appear on the inserted page.

**The Subcommittee recommends capping individual discipline losses at 20% of the previous year's allocation.** After allocations for the capped disciplines are calculated, these disciplines and their allocations are set aside. The formula then is reapplied to the remaining disciplines using the remaining funds. The allocations will be recalculated each year based on the most recent data.

The Subcommittee's recommendations were forwarded to the Dean of Library Services. Dr. Lanham has initiated discussions of these recommendations in Booth Library's Collection Development Committee, the Library Services Council, the Library Advisory Board, the Council of Deans, with the Vice President for Academic Affairs, with the President, and with other appropriate bodies, including all faculty (through this publication). Dr. Lanham welcomes your written or emailed (cfakl) comments.

To encourage discussion of this matter, a series of open meetings will be scheduled beginning in early September, 1995. Campus constituencies are encouraged to participate. Representatives from Booth Library and from the Library Advisory Board will be available to hear your comments and to answer questions.

**FORMULA**

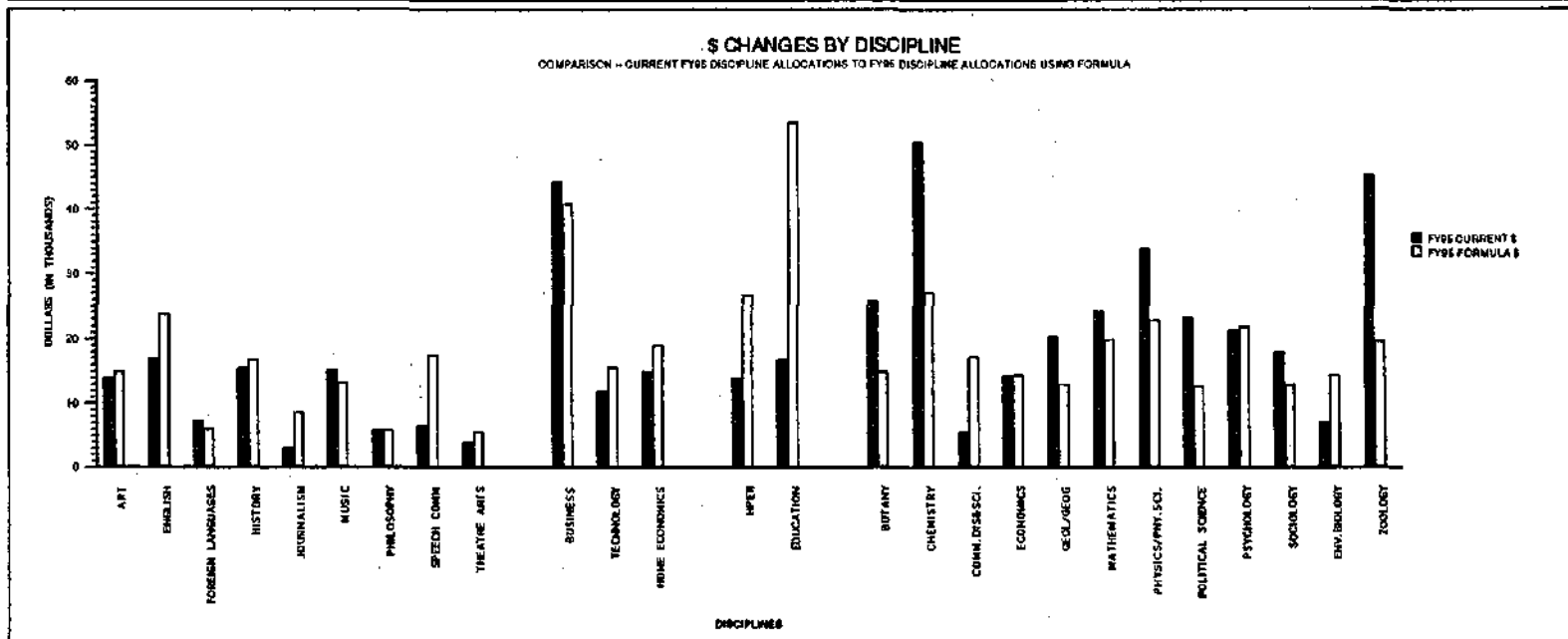
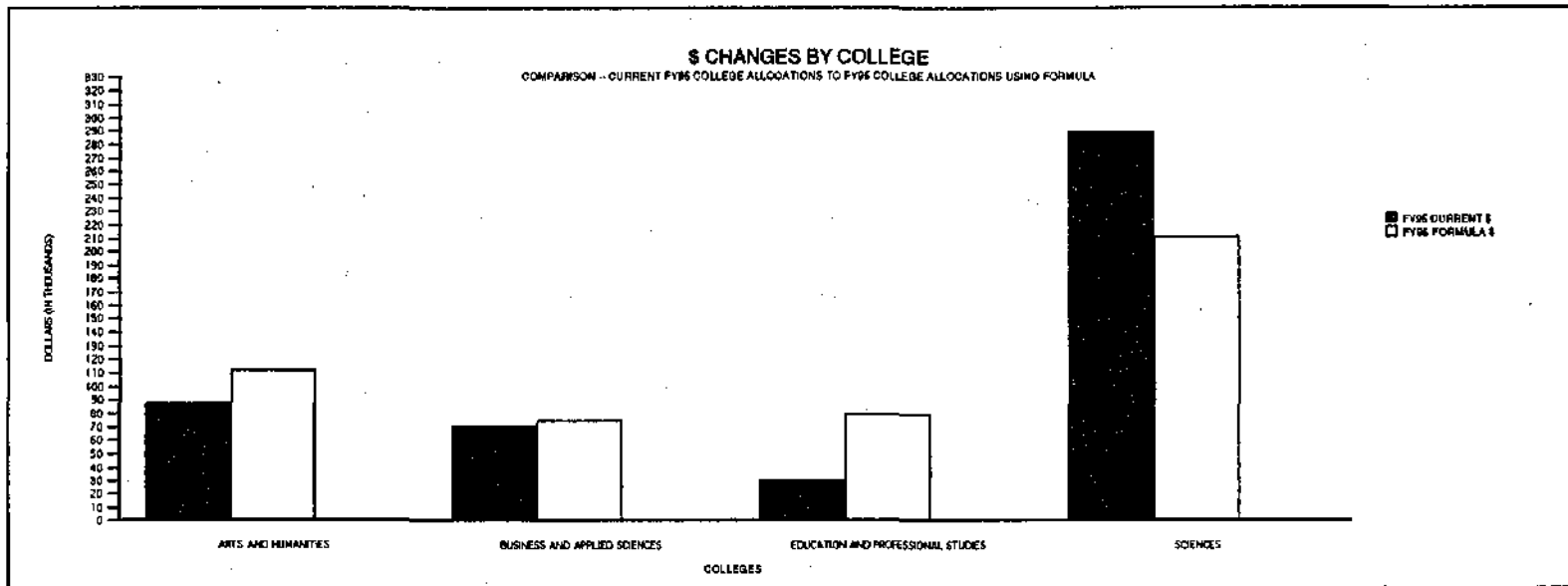
**CRITERIA**

	Cost U (D+F /1.55)	SCH V (H+Jx2 +Lx3 /8)	Faculty W (N)	Majors X (P)	Grad Prog Y (R)	Use of collection Z (T)	Total AA (Ux5 +Vx2 +Wx2 +Xx2 +Yx2 +Z)	% of Total AB	Current FY95 Alloc. AC	Formula FY95 Alloc. AD	Dollar Change AE (AD-AC)	% Change AF (AE/AC)
<b>COLLEGE OF ARTS &amp; HUMANITIES</b>												
ART	2.78	2.40	3.62	2.94	3.85	4.49	43.98	3.14%	13,988	15,052	1,064	7.61%
ENGLISH	1.89	5.91	9.95	4.10	3.85	12.21	69.24	4.94%	16,768	23,700	6,932	41.34%
FOREIGN LANGUAGES	1.83	0.77	1.87	0.47	0.00	1.82	17.21	1.23%	7,311	5,889	(1,422)	-19.45%
HISTORY	2.03	3.74	3.45	2.98	3.85	10.46	48.66	3.47%	15,558	16,655	1,097	7.05%
JOURNALISM	2.63	1.56	2.34	1.90	0.00	0.52	25.28	1.81%	3,042	8,653	5,611	184.45%
MUSIC	2.21	2.06	4.72	1.61	3.85	3.17	38.70	2.76%	15,143	13,247	(1,896)	-12.52%
PHILOSOPHY	2.14	0.54	0.94	0.17	0.00	2.90	16.87	1.20%	5,711	5,775	64	1.12%
SPEECH COMM.	2.63	5.66	5.09	3.99	3.85	0.71	51.04	3.65%	6,507	17,471	10,964	168.49%
THEATRE ARTS	2.09	0.44	1.36	0.52	0.00	1.50	16.61	1.19%	4,010	5,684	1,674	41.74%
SUB-TOTAL CAH	20.23	23.07	33.34	16.68	19.23	37.80	327.59	23.39%	88,038	112,126	24,088	27.36%
<b>LUMPKIN COLLEGE OF BUSINESS &amp; APPLIED SCIENCES</b>												
BUSINESS	2.80	12.73	11.16	14.62	11.54	5.31	119.40	8.53%	44,404	40,866	(3,538)	-7.97%
ACCY/FINANCE	4.34	76.32										
BUS ED./AIS	1.55	16										
COMPUTER MGMT												
MGMT/MARKETING												
HOME ECONOMICS	2.68	5.82	3.35	4.82	3.85	6.54	55.58	3.97%	14,943	19,024	4,081	27.31%
TECHNOLOGY	2.70	3.73	2.64	4.33	3.85	2.94	45.55	3.25%	11,861	15,590	3,729	31.44%
SUB TOTAL LCBA	8.18	22.28	17.15	23.77	19.23	14.79	220.53	15.75%	71,208	75,481	4,273	6.00%

## FORMULA

	----- CRITERIA -----											
	Cost U (D+F) (1.55)	SCH V (H+Jx2 +Lx3 /6)	Faculty W (N)	Majors X (P)	Grad Prog Y (R)	Use of collection Z (T)	Total AA (Ux5 + Vx2 + Wx2 + Xx2 + Yx2 + Z)	% of Total AB	Current FY95 Alloc. AC	Formula FY95 Alloc. AD AD 479,301	Dollar Change AE (AD-AC)	% Change AF (AE/AC)
<b>COLLEGE OF EDUCATION &amp; PROFESSIONAL STUDIES</b>												
EDUCATION	2.85	18.31	9.91	22.58	15.38	9.98	156.57	11.18%	16,676	53,589	36,913	221.35%
ED.ADMIN.	4.41 / 1.55	109.23 / 6	<i>all of Ed. Ad. Expend. Excluded</i>	<i>all of Ed. Ps. Expend. Excluded</i>								
ELEM/JR HI ED												
ED.PSYCH/GUID												
SEC.ED./FDNS												
SPECIAL ED.												
STUD.TEACHING												
HPER	2.10	7.33	8.32	7.63	7.69	5.48	77.91	5.56%	13,884	26,666	12,782	92.07%
HEALTH STUDIES	3.25 / 1.55	43.88 / 6	<i>all of</i>									
PHYS. ED.												
LEISURE ST.												
SUB-TOTAL CEPS	4.94	25.64	18.23	30.21	23.08	15.46	234.48	16.74%	30,560	80,256	49,696	162.62%
<b>COLLEGE OF SCIENCES</b>												
BOTANY	5.41	1.25	2.37	0.36	3.85	1.28	43.99	3.14%	25,960	15,057	(10,903)	-42.00%
CHEMISTRY	11.71	1.55	3.52	0.91	3.85	1.45	79.67	5.89%	50,454	27,270	(23,184)	-45.95%
COMM.DIS. & SCI.	5.42	2.40	1.87	2.52	3.85	1.90	50.30	3.59%	5,670	17,218	11,548	203.67%
ECONOMICS	2.86	4.26	2.78	1.46	3.85	3.28	42.27	3.02%	14,400	14,469	69	0.48%
GEOL/GEOG	6.11	0.50	2.01	0.48	0.00	1.53	38.06	2.72%	20,226	13,027	(7,199)	-35.59%
MATHEMATICS	5.25	3.93	5.43	1.72	3.85	2.24	58.34	4.17%	24,221	19,969	(4,252)	-17.55%
PHYSICS/PHY.SCI.	10.54	0.63	2.09	0.21	3.85	0.76	67.04	4.79%	33,949	22,947	(11,002)	-32.41%
POLITICAL SCI.	2.42	2.40	2.12	1.91	3.85	4.31	36.96	2.64%	23,235	12,652	(10,583)	-45.55%
PSYCHOLOGY	3.84	6.19	3.25	6.23	3.85	5.42	63.64	4.54%	21,282	21,782	500	2.35%
SOCIOLOGY	2.93	2.66	1.79	3.58	0.00	6.75	37.47	2.68%	17,982	12,824	(5,158)	-28.69%
ENV. BIOLOGY	5.42	0.94	0.00	2.62	3.85	0.55	42.46	3.03%	6,846	14,533	7,687	112.28%
ZOOLOGY	4.80	2.32	4.04	5.32	3.85	2.48	57.53	4.11%	45,270	19,692	(25,578)	-56.50%
SUB-TOTAL COS	66.72	29.02	31.27	27.34	38.46	31.95	617.74	44.11%	289,495	211,438	(78,057)	-26.96%
<b>TOTALS</b>	<b>100.07</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>1,400</b>	<b>100.00%</b>	<b>479,301</b>	<b>479,301</b>	<b>0</b>	<b>0.00%</b>

These graphs are based on an FY96 discipline allocation of \$479,301 for books and materials. The actual figures for discipline allocations in FY96 will be different. The top graph summarizes the total dollars allocated to each college in FY95 - before and after the formula is applied. The bottom graph illustrates the total dollars allocated for each discipline allocation in FY95 - before and after the formula is applied.



\*\*\*\* DATA \*\*\*\*

	COST				STUDENT CREDIT HOURS				FACULTY		MAJORS		GRAD PROGRAM		USE			
	Avg cost of books C	% of Total D	Avg cost of periodicals E	% of Total F	Lower Division G	% of Total H	Upper Division I	% of Total J	Graduate Division K	% of Total L	FTE Faculty M	% of Total N	FTE Majors O	% of Total P	1=Y 0=N Q	% of Total R	Use of collection S	% of Total T
<b>COLLEGE OF ARTS &amp; HUMANITIES</b>																		
ART	57.78	3.44%	44.92	0.86%	3,000	4.01%	957	2.10%	324	2.07%	22.55	3.62%	261	2.94%	1	3.85%	3.65	4.49%
ENGLISH	36.3	2.18%	39.72	0.76%	7,976	10.67%	2,719	5.96%	673	4.29%	62	9.95%	364	4.10%	1	3.85%	10.47	12.21%
FOREIGN LANGUAGES	34.82	2.06%	39.72	0.76%	1,033	1.38%	494	1.06%	57	0.36%	11.67	1.87%	42	0.47%	0	0.00%	1.58	1.82%
HISTORY	38.38	2.29%	44.99	0.86%	5,415	7.25%	1,457	3.19%	461	2.94%	21.5	3.45%	265	2.98%	1	3.85%	8.97	10.46%
JOURNALISM	42.67	2.54%	80.14	1.54%	856	1.15%	854	1.87%	233	1.49%	14.58	2.34%	169	1.90%	0	0.00%	0.45	0.52%
MUSIC	43.09	2.57%	44.92	0.86%	3,358	4.49%	1,059	2.32%	168	1.07%	29.44	4.72%	143	1.61%	1	3.85%	2.72	3.17%
PHILOSOPHY	42.62	2.54%	40.25	0.77%	1,716	2.30%	213	0.47%	0	0.00%	5.83	0.94%	15	0.17%	0	0.00%	2.49	2.90%
SPEECH COMM.	42.67	2.54%	80.14	1.54%	5,297	7.09%	2,120	4.64%	918	5.85%	31.72	5.09%	355	3.99%	1	3.85%	0.61	0.71%
THEATRE ARTS	39.97	2.38%	44.92	0.86%	737	0.99%	374	0.82%	0	0.00%	6.5	1.36%	46	0.52%	0	0.00%	1.29	1.50%
SUB-TOTAL CAH	378.25	22.55%	459.72	8.81%	29,388	39.32%	10,247	22.44%	2,834	18.07%	207.79	33.34%	1,660	18.68%	5	19.23%	32.41	37.60%
<b>LUMPKIN COLLEGE OF BUSINESS &amp; APPLIED SCIENCES</b>																		
BUSINESS															3	11.54%	4.55	5.31%
ACCY/FINANCE	41.63	2.48%	88.1	1.69%	1,671	2.24%	2,451	5.37%	320	2.04%	24.01	3.85%	479	5.39%	1	3.85%		
BUS ED./AIS	41.63	2.48%	88.1	1.69%	2,547	3.41%	466	1.02%	602	3.84%	14.32	2.30%	246	2.77%	1	3.85%		
COMPUTER MGMT	41.63	2.48%	88.1	1.69%	1,053	1.41%	1,641	3.59%	0	0.00%	11.9	1.91%	113	1.27%	0	0.00%		
MGMT/MARKETING	41.63	2.48%	88.1	1.69%	1,245	1.67%	4,119	9.02%	627	4.00%	19.35	3.10%	462	5.20%	1	3.85%		
HOME ECONOMICS	43.14	2.57%	82.23	1.58%	3,515	4.70%	1,776	3.89%	1,172	7.47%	20.89	3.35%	428	4.82%	1	3.85%	5.61	6.54%
TECHNOLOGY	44.94	2.68%	78.78	1.51%	725	0.97%	984	2.16%	895	5.71%	16.44	2.64%	365	4.33%	1	3.85%	2.52	2.94%
SUB TOTAL LCBA	254.6	15.18%	513.41	9.64%	10,758	14.39%	11,437	25.05%	3,616	23.05%	106.91	17.15%	2,113	23.77%	5	19.23%	12.68	14.79%

Source of Data

Columns C and E - Average cost of books and periodicals;

*The Bowker Annual: Library and Book Trade Almanac (1994)*

Columns G, I, and K - Student credit hours;

Column M - Number of (full-time equivalent) faculty;

Column O - Number of (full-time equivalent) majors;

Column Q - Does department have graduate program;

1994/95 EIU Academic Program Information Book (Planning Services)

Column S - Department's use of collection;

Booth Library Circulation statistics

\*\*\*\*\* DATA \*\*\*\*\*

	COST				STUDENT CREDIT HOURS						FACULTY		MAJORS		GRAD PROGRAM		USE	
	Avg cost of books C	% of Total D	Avg cost of periodicals E	% of Total F	Lower Division G	% of Total H	Upper Division I	% of Total J	Graduate Division K	% of Total L	FTE Faculty M	% of Total N	FTE Majors O	% of Total P	1=Y 0=N Q	% of Total R	Use of collection S	% of Total T
<b>COLLEGE OF EDUCATION AND PROFESSIONAL STUDIES</b>																		
<b>EDUCATION</b>																		
ED.ADMIN.	47.18	2.81%	74.78	1.43%	0	0.00%	48	0.11%	892	5.69%	4.75	0.76%	178	2.00%	1	3.85%	8.58	9.88%
ELEM/JR HI ED	47.18	2.81%	74.78	1.43%	1,278	1.71%	2,422	5.31%	1,059	6.75%	17.54	2.81%	1,226	13.79%	1	3.85%		
ED.PSYCH/GUID	47.18	2.81%	74.78	1.43%	0	0.00%	501	1.10%	1,712	10.91%	8.67	1.39%	219	2.46%	1	3.85%		
SEC.ED./FDNS	47.18	2.81%	74.78	1.43%	0	0.00%	0	0.00%	0	0.00%	11.25	1.81%	0	0.00%	0	0.00%		
SPECIAL ED.	47.18	2.81%	74.78	1.43%	0	0.00%	1,791	3.92%	889	5.73%	9.01	1.45%	384	4.32%	1	3.85%		
STUD.TEACHING	47.18	2.81%	74.78	1.43%	0	0.00%	0	0.00%	0	0.00%	10.52	1.69%	0	0.00%	0	0.00%		
<b>HPER</b>																		
HEALTH STUDIES.	41.72	2.49%	321.69	6.17%	1,801	2.41%	1,530	3.35%	372	2.37%	13.66	2.19%	139	1.56%	1	3.85%	4.7	5.46%
PHYS. ED.	38.29	2.28%	39.47	0.76%	4,525	6.05%	1,600	3.50%	461	2.94%	32.18	5.16%	411	4.62%	1	3.85%		
LEISURE ST.	38.29	2.28%	39.47	0.76%	375	0.50%	649	1.42%	132	0.84%	6.07	0.97%	128	1.44%	0	0.00%		
SUB-TOTAL CEPS	401.38	23.93%	649.19	16.28%	7,979	10.68%	8,541	18.71%	5,527	35.24%	113.65	18.24%	2,865	30.21%	6	23.08%	13.28	15.46%
<b>COLLEGE OF SCIENCES</b>																		
BOTANY	53.32	3.18%	271.68	5.21%	1,073	1.44%	598	1.31%	180	1.15%	14.78	2.37%	32	0.36%	1	3.85%	1.1	1.28%
CHEMISTRY	86.55	5.16%	678.03	13.00%	2,375	3.18%	792	1.73%	138	0.88%	21.96	3.52%	81	0.91%	1	3.85%	1.24	1.45%
COMM. DIS. & SCI.	53.68	3.20%	271.68	5.21%	711	0.95%	663	1.45%	552	3.52%	11.87	1.87%	224	2.52%	1	3.85%	1.63	1.90%
ECONOMICS	48.09	2.75%	88.1	1.69%	2,967	3.97%	1,914	4.19%	690	4.40%	17.3	2.78%	130	1.46%	1	3.85%	2.81	3.28%
GEOL/GEOG	71.57	4.27%	271.68	5.21%	477	0.64%	533	1.17%	0	0.00%	12.5	2.01%	43	0.48%	0	0.00%	1.31	1.53%
MATHEMATICS	49.17	2.93%	271.68	5.21%	8,363	11.19%	723	1.58%	482	3.07%	33.83	5.43%	153	1.72%	1	3.85%	1.92	2.24%
PHYSICS/PHY.SCI.	56.11	3.34%	678.03	13.00%	1,870	2.50%	94	0.21%	48	0.29%	13.04	2.09%	19	0.21%	1	3.85%	0.85	0.76%
POLITICAL SCI.	40.21	2.40%	70.5	1.35%	2,998	4.01%	1,025	2.25%	308	1.96%	13.22	2.12%	170	1.91%	1	3.85%	3.7	4.31%
PSYCHOLOGY	44.56	2.66%	171.8	3.29%	2,000	2.69%	4,742	10.39%	715	4.56%	20.23	3.25%	554	6.23%	1	3.85%	4.65	5.42%
SOCIOLOGY	42.09	2.51%	106.28	2.04%	1,953	2.61%	1,757	3.85%	294	1.87%	11.16	1.79%	318	3.58%	0	0.00%	5.79	6.75%
ENV. BIOLOGY	53.5	3.19%	271.68	5.21%	0	0.00%	1,110	2.43%	42	0.27%	0	0.00%	233	2.62%	1	3.85%	0.47	0.55%
ZOOLOGY	46.48	2.77%	243.38	4.87%	1,822	2.44%	1,478	3.24%	261	1.66%	25.21	4.04%	473	5.32%	1	3.85%	2.13	2.48%
SUB-TOTAL COS	643.33	36.35%	3394.52	65.07%	26,609	35.61%	15,429	33.80%	3,708	23.64%	194.9	31.27%	2,430	27.34%	10	38.46%	27.4	31.95%
<b>TOTALS</b>	<b>1,877.58</b>	<b>100.00%</b>	<b>5,218.84</b>	<b>100.00%</b>	<b>74,732</b>	<b>100.00%</b>	<b>45,854</b>	<b>100.00%</b>	<b>15,685</b>	<b>100.00%</b>	<b>623.25</b>	<b>100.00%</b>	<b>8,888</b>	<b>100.00%</b>	<b>28</b>	<b>100.00%</b>	<b>86.75</b>	<b>100.00%</b>

136,071

Source of Data

- Columns C and E - Average cost of books and periodicals:  
The Bowker Annual: Library and Book Trade Almanac (1994)
- Columns G, I, and K - Student credit hours;
- Column M - Number of (full-time equivalent) faculty;
- Column O - Number of (full-time equivalent) majors;
- Column Q - Does department have graduate program:  
1994/95 EIU Academic Program Information Book (Planning Services)
- Column S - Department's use of collection:  
Booth Library Circulation statistics

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