ACADEMIC CROSSOVER STUDY

UNIVERSITY OF HAWAIʻI AT HILO

FALL 1996

Institutional Research Office

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Figure 1
Percentage of Students' SSH
Taken in Division of Students' Major

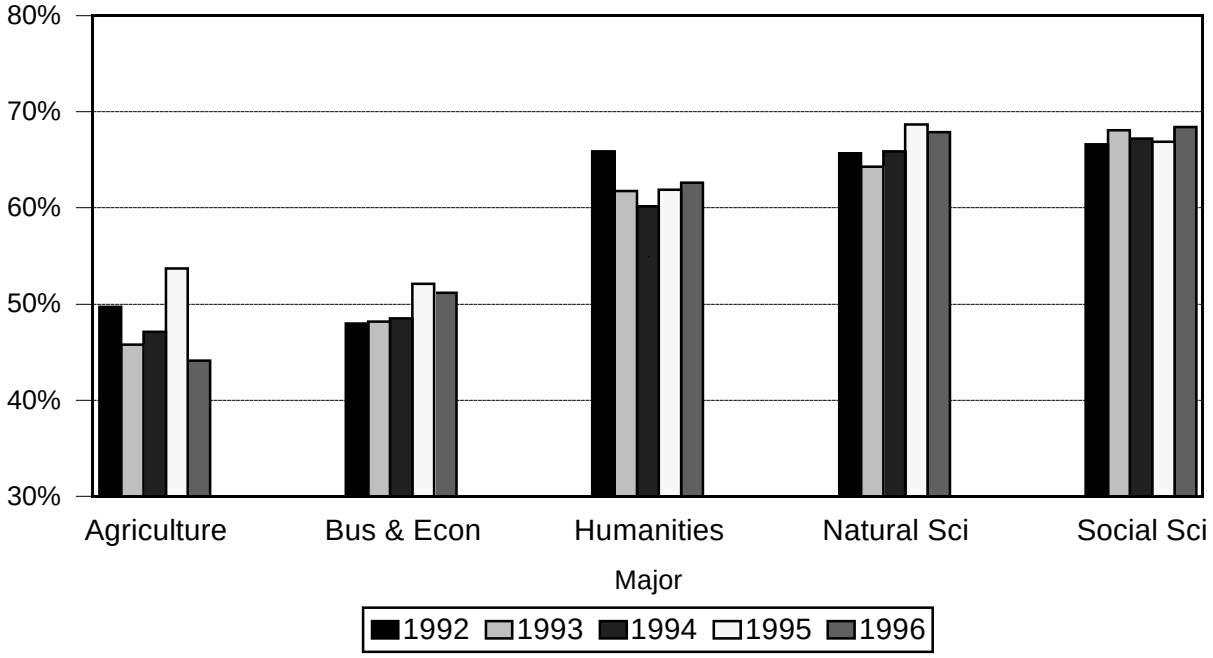

Figure 2
Percentage of Division's SSH
Taken by the Majors in the Division

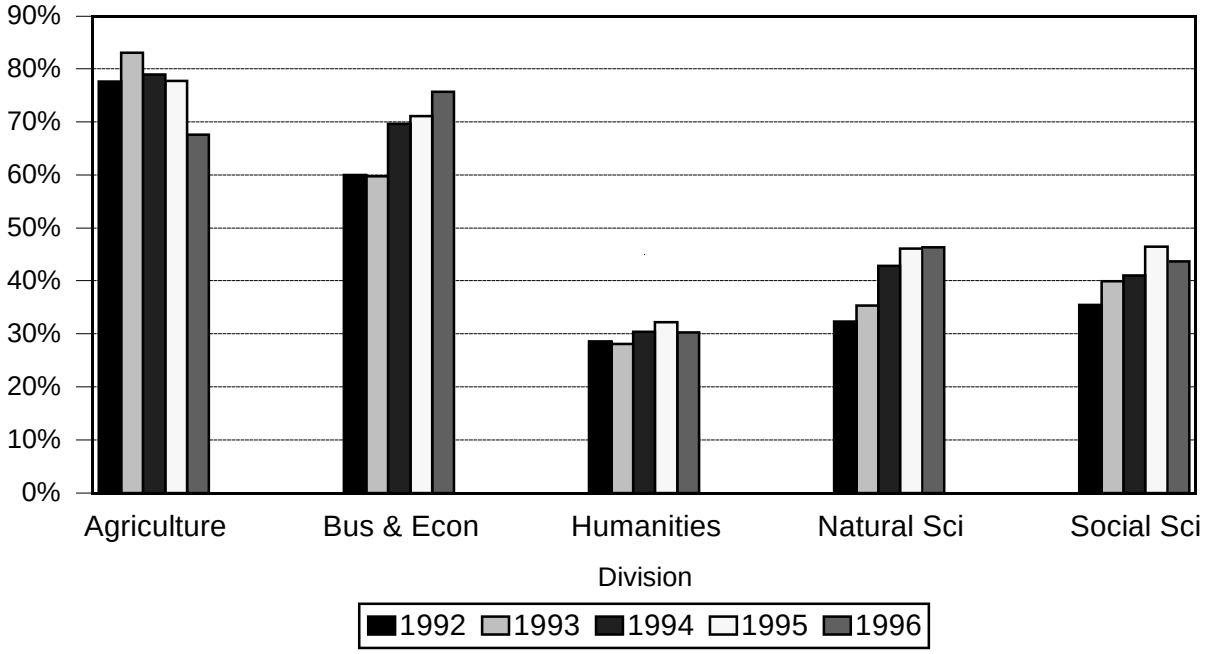

TABLE 1
DISTRIBUTION OF STUDENT SEMESTER HOURS TAKEN BY MAJORS IN EACH COLLEGE
UNIVERSITY OF HAWAI'I AT HILO
FALL 1996

COLLEGE OF COURSE OFFERING	TOTAL UHH (2,800 Students)		AGRICULTURE 128 Majors)		ARTS & SCIENCES (2,321 Students)		UNCLASSIFIED (274 Students)		SPECIALS (77 Students)	
	SSH	V%	SSH	V%	SSH	V%	SSH	V%	SSH	V%
TOTAL	33,373	100.0	1,672	100.0	30,313	100.0	1,097	100.0	291	100.0
Pct of Total SSH (H%)		100.0		5.0		90.8		3.3		0.9
AGRICULTURE	1,090	3.3	737	44.1	142	0.5	203	18.5	8	2.7
ARTS & SCIENCES	32,283	96.7	935	55.9	30,171	99.5	894	81.5	283	97.3
Business & Economics	3,280	9.8	90	5.4	3,019	10.0	111	10.1	60	20.6
Humanities	8,479	25.4	169	10.1	7,898	26.1	332	30.3	80	27.5
Natural Sciences	10,294	30.8	612	36.6	9,402	31.0	187	17.0	93	32.0
Social Sciences	10,002	30.0	52	3.1	9,636	31.8	264	24.1	50	17.2
General Education	228	0.7	12	0.7	216	0.7				

Note: The percentages for the College totals (enclosed in boxes) tie to those shown in Table 2 for the majors by College/Division.

SOURCE: Computer Report 1420A, "Distribution of SSH Taken, By Major."

TABLE 1A
DISTRIBUTION OF STUDENT SEMESTER HOURS TAKEN BY ARTS AND SCIENCES MAJORS
UNIVERSITY OF HAWAI'I AT HILO
FALL 1996

COLLEGE OF COURSE OFFERING	TOTAL ARTS & SCIENCES (2,321 Students)		BUSINESS & ECONOMICS (382 Majors)		HUMANITIES (329 Majors)		NATURAL SCIENCES (514 Majors)		SOCIAL SCIENCES (505 Majors)		INTERDISCIPLI-NARY MAJORS (133 Majors)		GENERAL & PRE-PROF (458 Majors)	
	SSH	V%	SSH	V%	SSH	V%	SSH	V%	SSH	V%	SSH	V%	SSH	V%
TOTAL	30,313	100.0	4,849	100.0	4,103	100.0	7,021	100.0	6,388	100.0	1,753	100.0	6,199	100.0
Pct of Total SSH (H%)		100.0		16.0		13.5		23.2		21.1		5.8		20.4
AGRICULTURE	142	0.5	12	0.2			55	0.8	30	0.5			45	0.7
ARTS & SCIENCES	30,171	99.5	4,837	99.8	4,103	100.0	6,966	99.2	6,358	99.5	1,753	100.0	6,154	99.3
Business & Economics	3,019	10.0	2,484	51.2	73	1.8	105	1.5	114	1.8	18	1.0	225	3.6
Humanities	7,898	26.1	840	17.3	2,567	62.6	1,004	14.3	1,149	18.0	593	33.8	1,745	28.1
Natural Sciences	9,402	31.0	853	17.6	520	12.7	4,766	67.9	702	11.0	391	22.3	2,170	35.0
Social Sciences	9,636	31.8	624	12.9	898	21.9	1,070	15.2	4,372	68.4	736	42.0	1,936	31.2
General Education	216	0.7	36	0.7	45	1.1	21	0.3	21	0.3	15	0.9	78	1.3

Note: The percentages for the Division totals (enclosed in boxes) tie to those shown in Table 2 for the majors by College/Division.

SOURCE: Computer Report 1420A, "Distribution of SSH Taken, By Major."

TABLE 2
PERCENT OF STUDENTS' SSH TAKEN IN STUDENTS' OWN COLLEGE / DIVISION 1/
UNIVERSITY OF HAWAI'I AT HILO
FALL 1992 TO FALL 1996

MAJORS	Fall 1992	Fall 1993	Fall 1994	Fall 1995	Fall 1996
AGRICULTURE	49.7	45.8	47.1	53.7	44.1
ARTS & SCIENCES	99.9	99.9	99.7	99.6	99.5
Business & Economics	48.0	48.2	48.5	52.1	51.2
Humanities	65.9	61.8	60.2	61.9	62.6
Natural Sciences	65.7	64.3	65.9	68.7	67.9
Social Sciences	66.6	68.1	67.2	66.9	68.4

1/ For example, in Fall 1993, Humanities majors took 61.8% of their course work in the Humanities Division, while Social Science majors took 68.1% of their course work in the Social Sciences Division.

TABLE 3
DEPARTMENTAL STUDENT SEMESTER HOURS TAKEN BY OWN OR OTHER MAJORS
UNIVERSITY OF HAWAI'I AT HILO
FALL 1996

DEPARTMENT	TOTAL		SSH Taken By Own Majors		SSH Taken By All Others	
	No.	V%	No.	H%	No.	H%
TOTAL	33,372	100.0				
AGRICULTURE	1,090	3.3	737	67.6	353	32.4
Agriculture	247	0.7	98	39.7	149	60.3
Agricultural Business	42	0.1	36	85.7	6	14.3
Agricultural Economics	57	0.2	51	89.5	6	10.5
Agricultural Engineering	36	0.1	24	66.7	12	33.3
Animal Science	138	0.4	123	89.1	15	10.9
Aquaculture	24	0.1	15	62.5	9	37.5
Entomology	66	0.2	48	72.7	18	27.3
Forestry	33	0.1	18	54.5	15	45.5
Horticulture	312	0.9	222	71.2	90	28.8
Plant Pathology	45	0.1	30	66.7	15	33.3
Plant Physiology	24	0.1	21	87.5	3	12.5
Soil Science	66	0.2	51	77.3	15	22.7
COLLEGE OF ARTS & SCIENCES	32,282	96.7	30,171	93.5	2,111	6.5
Business & Economics	3,280	9.8	2,484	75.7	796	24.3
Accounting	609	1.8	447	73.4	162	26.6
Economics	981	2.9	516	52.6	465	47.4
Finance	279	0.8	258	92.5	21	7.5
Management	741	2.2	630	85.0	111	15.0
Marketing	250	0.7	234	93.6	16	6.4
Quant Bus Analysis	375	1.1	363	96.8	12	3.2
Tourism	45	0.1	36	80.0	9	20.0
Humanities	8,479	25.4	2,567	30.3	5,912	69.7
Art	855	2.6	300	35.1	555	64.9
Dance	50	0.1	16	32.0	34	68.0
Drama & Theatre	322	1.0	89	27.6	233	72.4
English	1,798	5.4	574	31.9	1,224	68.1
English as a Second Language	72	0.2	9	12.5	63	87.5
Foreign Languages	1,779	5.3	450	25.3	1,329	74.7
Chinese	84	0.3	4	4.8	80	95.2
French	172	0.5	12	7.0	160	93.0
Hawaiian	795	2.4	324	40.8	471	59.2
Japanese	420	1.3	84	20.0	336	80.0
Spanish	308	0.9	26	8.4	282	91.6
Hawaiian Studies	746	2.2	368	49.3	378	50.7
Honors	6	<0.1	6	100.0		
Japanese Studies	149	0.4	62	41.6	87	58.4
Linguistics	129	0.4	27	20.9	102	79.1
Music	546	1.6	204	37.4	342	62.6
Philosophy	771	2.3	162	21.0	609	79.0
Religious Studies	212	0.6	33	15.6	179	84.4
Speech & Communication	1,044	3.1	267	25.6	777	74.4

TABLE 3 (cont.)

DEPARTMENT	TOTAL		SSH Taken By Own Majors		SSH Taken By All Others	
	No.	V%	No.	H%	No.	H%
Natural Sciences	10,294	30.8	4,766	46.3	5,528	53.7
Astronomy	471	1.4	174	36.9	297	63.1
Biology	2,286	6.9	835	36.5	1,451	63.5
Chemistry	1,434	4.3	746	52.0	688	48.0
Computer Science	864	2.6	351	40.6	513	59.4
Geology	828	2.5	301	36.4	527	63.6
Marine Science	777	2.3	638	82.1	139	17.9
Mathematics	2,420	7.3	718	29.7	1,702	70.3
Natural Science	78	0.2	73	93.6	5	6.4
Nursing	512	1.5	493	96.3	19	3.7
Physics	624	1.9	437	70.0	187	30.0
Social Sciences	10,002	30.0	4,372	43.7	5,630	56.3
Anthropology	1,471	4.4	534	36.3	937	63.7
Education	1,516	4.5	836	55.1	680	44.9
Education	845	2.5	631	74.7	214	25.3
Health & Phys Ed	671	2.0	205	30.6	466	69.4
Geography	1,392	4.2	369	26.5	1,023	73.5
History	1,155	3.5	366	31.7	789	68.3
Political Science	1,311	3.9	576	43.9	735	56.1
Psychology	1,782	5.3	1,041	58.4	741	41.6
Sociology	1,297	3.9	632	48.7	665	51.3
Women's Studies	78	0.2	18	23.1	60	76.9
General Education	227	0.7			227	100.0
Interdisc Studies	35	0.1			35	100.0
University	192	0.6			192	100.0

Note: The percentages for the College/Division totals (enclosed in boxes) tie to those shown in Table 4 for the percent of SSH taken by majors in the College/Division.

SOURCE: Computer Report 1419, "Distribution of SSH Taken, By Department."

TABLE 4
PERCENT OF DEPARTMENTAL SSH TAKEN BY COLLEGE / DIVISION'S OWN MAJORS 1/
UNIVERSITY OF HAWAI‘I AT HILO
FALL 1992 TO FALL 1996

COLLEGE	Fall 1992	Fall 1993	Fall 1994	Fall 1995	Fall 1996
AGRICULTURE	77.6	83.0	79.0	77.7	67.6
ARTS & SCIENCES	84.1	85.3	90.4	94.1	93.5
Business & Economics	60.0	59.8	69.7	71.1	75.7
Humanities	28.6	28.1	30.4	32.2	30.3
Natural Sciences	32.3	35.3	42.8	46.1	46.3
Social Sciences	35.5	39.9	41.0	46.5	43.7

1/ For example, in Fall 1993, 28.1% of the SSH offered in the Humanities Department were taken by Humanities majors, while 39.9% of the SSH offered in the Social Sciences Department were taken by Social Science majors.

APPENDIX A
STUDENT SEMESTER HOURS TAKEN BY MAJORS IN EACH COLLEGE
WEST HAWAI'I SITE
FALL 1996

COURSE OFFERING	TOTAL (431 Students)		UH HILO								HAWAI'I CC							
			SUBTOTAL (84 Students)		CLASSIFIED (63 Students)		UNCLASSIFIED (20 Students)		CONCURRENT (1 Student)		SUBTOTAL (347 Students)		CLASSIFIED (339 Students)		UNCLASSIFIED (6 Students)		EARLY ADMIT (2 Students)	
	SSH	V%	SSH	V%	SSH	V%	SSH	V%	SSH	V%	SSH	V%	SSH	V%	SSH	V%	SSH	V%
TOTAL	3,670	100.0	643	100.0	556	100.0	84	100.0	3	100.0	3,027	100.0	2,969	100.0	45	100.0	13	100.0
Pct of Total SSH (H%)		100.0		17.5		15.1		2.3		0.1		82.5		80.9		1.2		0.4
UNIVERSITY OF HAWAI'I AT HILO	641	17.5	562	87.4	482	86.7	77	91.7	3	100.0	79	2.6	79	2.7				
AGRICULTURE	3	0.1	2	0.3			2	2.4			1	<0.1	1	<0.1				
ARTS & SCIENCES	638	17.4	560	87.1	482	86.7	75	89.3	3	100.0	78	2.6	78	2.6				
Business & Economics	231	6.3	192	29.9	150	27.0	42	50.0			39	1.3	39	1.3				
Humanities	138	3.8	129	20.1	114	20.5	12	14.3	3	100.0	9	0.3	9	0.3				
Social Sciences	269	7.3	239	37.2	218	39.2	21	25.0			30	1.0	30	1.0				
HAWAI'I COMMUNITY COLLEGE	3,029	82.5	81	12.6	74	13.3	7	8.3			2,948	97.4	2,890	97.3	45	100.0	13	100.0
GENERAL EDUCATION	2,209	60.2	67	10.4	67	12.1					2,142	70.8	2,099	70.7	34	75.6	9	69.2
Humanities	1,393	38.0	38	5.9	38	6.8					1,355	44.8	1,325	44.6	21	46.7	9	69.2
Natural Sciences	405	11.0	20	3.1	20	3.6					385	12.7	375	12.6	10	22.2		
Social Sciences	366	10.0	9	1.4	9	1.6					357	11.8	354	11.9	3	6.7		
Other General Education	45	1.2									45	1.5	45	1.5				
VOCATIONAL EDUCATION	820	22.3	14	2.2	7	1.3	7	8.3			806	26.6	791	26.6	11	24.4	4	30.8
Business	92	2.5	4	0.6	4	0.7					88	2.9	76	2.6	8	17.8	4	30.8
Food Services	332	9.0	7	1.1			7	8.3			325	10.7	325	10.9				
Health Services	225	6.1									225	7.4	222	7.5	3	6.7		
Public Services	171	4.7	3	0.5	3	0.5					168	5.6	168	5.7				

Source: Computer Report 1419; "Distribution of Student Semester Hours Taken, By Department."