



CALIFORNIA STATE POLYTECHNIC COLLEGE ANNUAL REPORT 1966-67



Alan A. Erhart Agriculture Building Serving the School of Agriculture
and Social Sciences and English and Speech Departments

Year of Transition and Planning

A year of transition and of exploring the future might be the most proper characterization of the 1966-67 year at California State Polytechnic College, San Luis Obispo. Dr. Dale W. Andrews, vice president, headed the college as interim chief executive officer following retirement in June, 1966, of Julian A. McPhee who had been president of the college for 33 years.

The transition in administration came when Dr. Robert E. Kennedy was appointed president of the college effective May 1, 1967.

Another transition was provided by the beginning of year-round operation of the college with the 1966 summer quarter. With 1,618 students enrolled, the increase over enrollments of previous summers was substantial. The 1967 summer quarter saw further growth with a total enrollment of 1,778, well divided among the four schools of the college. Summer sessions, which were operated along with the summer quarter each year, also built up additional enrollment. In 1966, summer sessions offered 43 courses which enrolled 558 students. The 1967 summer sessions offered 46 courses and attracted 624 students.

The future was explored with particular care in the areas of long range educational planning and of developing physical facilities.

The long range educational plan for the period from the present through 1970-71 prepared for approval of the Board of Trustees of the California State Colleges calls for a considerable enrichment of the program available to students and much greater commitment to graduate study.

Included are nine new curricula leading to the bachelor's degree and twelve new master's degree programs.

With a \$2,000,000 science building, residence halls for 600 students and outdoor Olympic swimming pools already under construction, work is expected to start soon on the \$4,000,000 College Union and the Computer Science Building. Plans call for improvement of utilities, large new parking lots and roadways. The Ornamental Horticultural unit is to be relocated and expanded.

A women's gymnasium, additional library capacity and a new engineering complex are scheduled for construction within the next two years. These three projects will represent an investment of approximately \$10,000,000.

All phases of the college continued their growth during 1966-67. The enrollment of 7,740 students in the fall of 1966 represented an increase of 88 per cent in number of students over a ten-year period. Of these students 27 per cent were women, although the average for all California State Colleges is 42 per cent women students.

The proportion of freshmen and sophomore students in the college has been decreasing and dropped to approximately 50 per cent in the fall of 1966. The number of graduate students has grown until they represented 5 per cent of the student body in the fall of 1966 as compared to 3 per cent in 1960.

With the growing student enrollment, faculty expansion was necessary from the 418 instructors last year to 470, of whom 421 were full-time teachers. State budgeted expenditures also increased from the \$8,363,596 of the preceding year to \$9,894,951.



The Story in Statistics

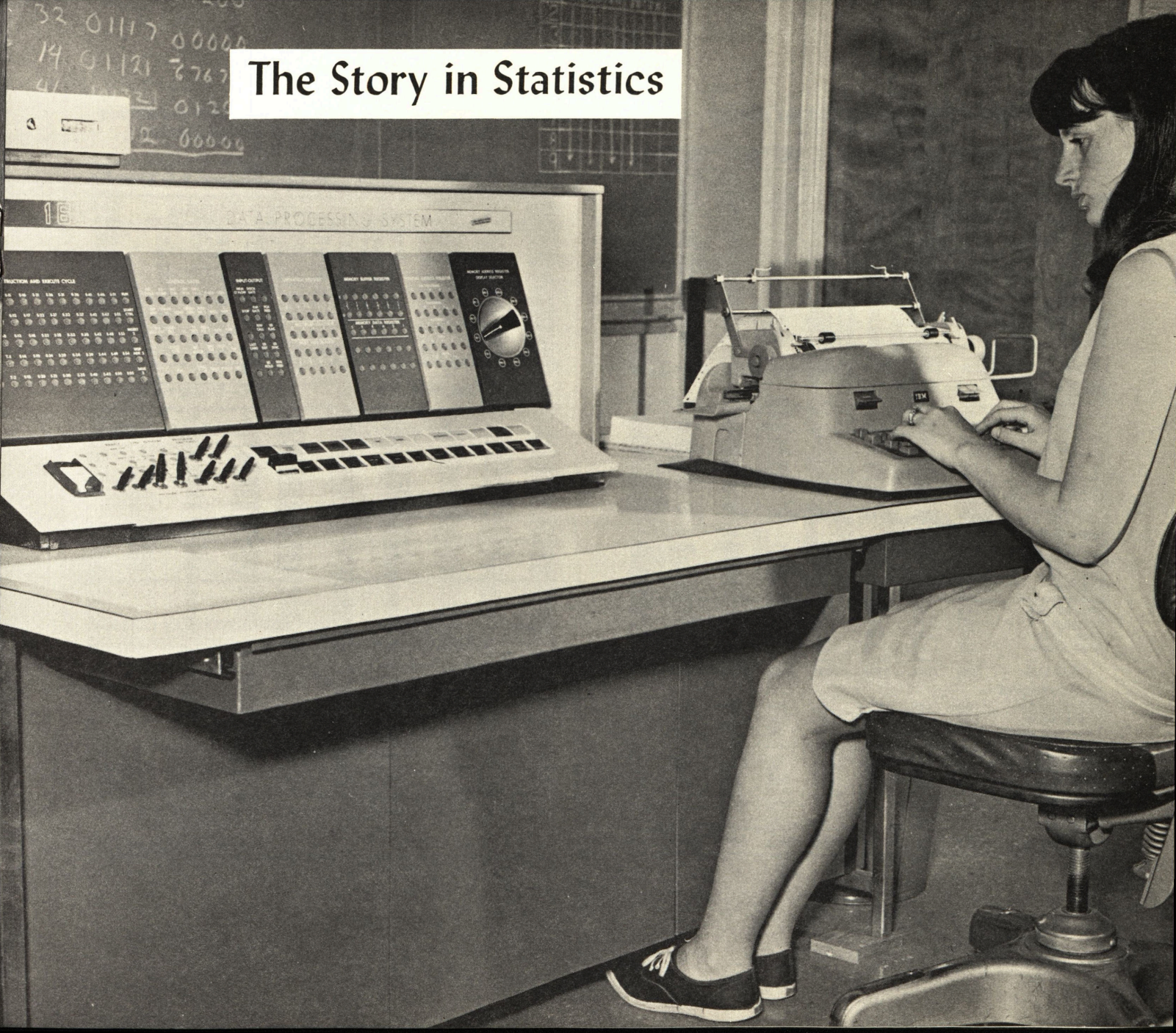


Table I. TOTAL ENROLLMENT BY MAJOR,
Fall 1959 — Fall 1966

Major	1959	1960	1961	1962	1963	1964	1965	1966
Agriculture								
Ag. Bus. Mgmt.	23	77	133	182	225	252	279	312
Ag. Ed.	19	23	22	22	17	47	32	30
Ag. Engr.	109	102	100	91	87	97	93	82
Mech. Ag.	116	113	95	102	107	98	106	107
Animal Husb.	357	364	410	437	446	434	433	450
Crops	95	110	100	109	130	128	129	116
Fruit Prod.	32	30	40	40	39	47	38	38
Dairy	97	96	97	100	95	95	96	100
Farm Mgmt.	118	126	114	133	135	160	158	149
Food Proc.	3	4	19	21	29	27	46	57
Orn. Hort.	46	66	71	81	98	109	110	108
Poultry Ind.	42	43	39	32	40	38	49	58
Soil Science	68	76	73	68	65	73	70	67
TOTALS	1125	1230	1313	1418	1513	1605	1644	1674
Engineering								
Aeronautical	242	185	175	180	202	216	214	225
Air Cond. & Ref.	88	79	73	85	104	109	105	125
Architectural	315	356	356	461	554	693	705	818
Electrical	144	124	130	148	143	159	140	132
Electronic	550	503	491	496	516	574	470	463
Industrial	97	102	104	112	101	111	101	119
Mechanical	444	415	350	375	395	398	397	408
Weld. & Met.	16	29	40	41	45	36	42	49
TOTALS	1896	1793	1719	1898	2060	2296	2174	2339
Applied Arts								
Business	55	167	204	293	331	387	484	553
Educ., Elem.	217	350	430	513	323	197	56	1
Educ., Sec.	64	47	98	154	252	225	313	356
English	37	20	4	1	76	183	268	306
Home Ec.	97	174	237	311	336	377	462	531
Physical Ed.	160	142	151	141	146	168	194	220
Printing	95	107	107	110	133	128	123	123
Tech. Arts	77	102	105	131	131	140	212	244
Tech. Journ.	33	55	73	69	72	57	63	64
TOTALS	835	1164	1409	1723	1800	1862	2175	2398
Applied Sciences								
Biological Sci.	93	143	165	201	242	268	278	318
Mathematics	140	152	175	181	200	238	290	309
Physics & Chem.	53	57	56	71	62	75	—	—
Physics	—	—	—	—	—	—	57	58
Chemistry	—	—	—	—	—	—	45	51
Biochemistry	22	22	27	17	19	23	19	28
Social Sci.	131	138	230	259	393	514	543	565
TOTALS	439	512	653	729	916	1118	1232	1329
Unknown	182	14	7	33	21	23	—	—
Campus Totals	4477	4713	5101	5801	6310	6904	7225	7740

Table II. ENROLLMENT OF REGULAR STUDENTS BY CLASS LEVEL,
LIMITED STUDENTS, AND MEN AND WOMEN STUDENTS,
Fall 1957 — Fall 1966

Part A.—Enrollment of Regular Students by Class Level, & % Lower Div.

Year (Fall)	Fresh	Soph	Junior	Senior	Under-Grads	% Lower Division	Total Grads.	Total Reg.
1957	1111	1043	893	857	3904	55.2	42	3946
1958	1487	1147	782	459	3875	68.0	52	3938
1959	1269	1380	998	482	4129	64.2	44	4210
1960	1438	1357	1000	654	4449	62.8	48	4497
1961	1736	1359	930	764	4789	64.6	49	4838
1962	1872	1661	1015	846	5394	65.5	68	5462
1963	1901	1761	1218	940	5820	62.9	88	5908
1964	2244	1301	1386	1481	6412	55.3	110	6522
1965	2233	1502	1356	1633	6724	55.5	131	6855
1966	2059	1629	1567	1993	7248	50.9	171	7419

Part B.—Enrollment Status

Fall	Individuals		% Total	
	Reg.	Limited	Total	Limtd.
1957	3946	165	4111	4.0
1958	3938	244	4182	5.8
1959	4210	267	4477	6.0
1960	4497	216	4713	4.6
1961	4838	263	5101	5.2
1962	5462	339	5801	5.8
1963	5908	402	6310	6.4
1964	6522	382	6904	5.5
1965	6855	370	7225	5.1
1966	7419	321	7740	4.1

Part C.—Enrollment by Sex

Fall	Men	Women	Total	% Wom.
1957	3651	460	4111	11.2
1958	3684	498	4182	11.9
1959	3827	650	4477	14.5
1960	3886	827	4713	17.5
1961	3999	1102	5101	21.6
1962	4386	1415	5801	24.4
1963	4778	1532	6310	24.3
1964	5211	1693	6904	24.5
1965	5348	1877	7225	26.0
1966	5653	2087	7740	27.0

Table III. SCHOLARSHIP AWARDS ADMINISTERED BY COLLEGE

Amount	Number
Less than \$50	13
\$ 50 - 100	15
\$101 - 150	9
\$151 - 200	6
\$201 - 250	14
\$251 - 300	44
\$301 - 350	6
\$351 - 400	6
\$401 - 500	102
\$501 - 600	1
216 for \$77,001 total	

Table IV. AVERAGE SCHOLASTIC APTITUDE TEST SCORES OF
FIRST-TIME FRESHMEN, BY MAJOR,
Fall 1963 and Fall 1966

Major	Fall 1963				Fall 1966			
	No. of Students	Average SAT Scores			No. of Students	Average SAT Scores		
		Verbal	Math	Total		Verbal	Math	Total
ABM	29	421	457	878	26	428	487	916
AE	8	445	546	991	7	495	545	1040
MA	4	392	472	864	5	367	490	858
AH	49	406	437	843	31	485	502	987
Crops	9	402	452	854	5	437	478	915
FP	4	396	425	821	2	446	397	844
Dairy	4	334	339	723	3	411	544	955
FM	20	402	487	889	7	422	473	895
Food P.	0	—	—	—	2	380	375	755
OH	7	433	553	986	4	561	558	1120
SI	3	445	505	950	2	405	456	861
SS	5	480	463	943	4	496	520	1016
TOTALS	142	413	462	875	98	454	496	950
Aero	46	499	590	1089	49	508	604	1113
AC&R	11	410	499	909	7	507	587	1095
Arch	117	449	544	992	145	484	581	1065
EE	23	473	575	1048	11	469	607	1076
EL	101	498	579	1077	88	518	608	1126
IE	13	466	566	1032	12	469	583	1052
ME	61	468	572	1040	62	501	623	1124
Metall.	5	388	428	816	4	464	604	1068
TOTALS	377	472	563	1035	378	497	598	1096
Bus	53	450	483	933	68	465	517	982
Eng	24	439	426	865	33	524	482	1006
HE	80	435	442	877	85	481	474	956
PE	32	415	430	845	33	455	485	941
Pr	24	423	457	885	12	463	517	981
TA	14	394	479	873	5	444	504	949
Jour	13	490	429	919	10	545	547	1092
TOTALS	240	436	451	887	246	430	494	975
Bio. Sci.	54	461	469	930	50	494	551	1045
Math	39	474	582	1056	53	515	615	1130
Physics	12	464	504	968	5	465	586	1051
Chem.	12	464	504	968	9	503	518	1021
B. Chem.	2	448	456	904	3	540	648	1189
Soc. Sci.	104	458	438	896	73	496	478	974
TOTALS	211	462	476	938	193	501	542	1043
College	970	452	502	954	915	489	547	1036

Note: Excludes first-time freshmen in two-year technical programs in Agriculture.

Table V. GEOGRAPHIC ORIGIN OF STUDENTS
Fall 1960 and Fall 1966

Counties of Origin	1960		1966		Counties of Origin	1960		1966	
	No.	%	No.	%		No.	%	No.	%
Alameda	178	3.8	305	3.9	Sacramento	110	2.3	158	2.0
Amador	3	0.1	2	—	San Benito	12	0.2	19	0.2
Butte	8	0.2	18	0.2	S. Bernardino	115	2.4	133	1.7
Calaveras	2	—	7	0.1	San Diego	107	2.3	144	1.9
Colusa	4	0.1	14	0.2	San Francisco	79	1.7	96	1.2
Contra Costa	126	2.7	314	4.0	San Joaquin	46	1.0	120	1.6
Del Norte	3	0.1	4	—	S. L. Obispo	473	10.0	1080	14.0
El Dorado	14	0.3	9	0.1	San Mateo	129	2.7	228	2.9
Fresno	82	1.7	127	1.6	Sta. Barbara	263	5.6	515	6.6
Glenn	11	0.2	14	0.2	Santa Clara	133	2.8	410	5.3
Humboldt	30	0.6	41	0.5	Santa Cruz	47	1.0	66	0.8
Imperial	31	0.6	27	0.3	Shasta	14	0.3	23	0.3
Inyo	14	0.3	16	0.2	Sierra	1	—	0	—
Kern	168	3.6	336	4.3	Siskiyou	11	0.2	15	0.2
Kings	38	0.8	71	0.9	Solano	42	0.9	57	0.7
Lake	12	0.2	4	—	Sonoma	40	0.8	68	0.9
Lassen	11	0.2	10	0.1	Stanislaus	67	1.4	99	1.3
Los Angeles	946	20.1	1369	17.7	Sutter	13	0.3	23	0.3
Madera	27	0.6	34	0.4	Tehama	10	0.2	4	—
Marin	37	0.8	75	1.0	Trinity	1	—	2	—
Mariposa	0	—	2	—	Tulare	83	1.8	135	1.7
Mendocino	21	0.4	38	0.5	Tuolumne	8	0.2	16	0.2
Merced	30	0.6	75	1.0	Ventura	116	2.5	189	2.4
Modoc	3	0.1	10	0.1	Yolo	16	0.3	25	0.3
Mono	2	—	1	—	Yuba	3	0.1	3	—
Monterey	94	2.0	153	2.0					
Napa	16	0.3	39	0.5	California	4053	86.0	7081	91.5
Nevada	6	0.1	15	0.2	Other States	374	7.9	290	3.7
Orange	115	2.4	206	2.7	Foreign	286	6.1	369	4.8
Placer	15	0.3	24	0.3	Total				
Plumas	4	0.1	3	—	Enrollment	4713	100.0	7740	100.0
Riverside	63	1.3	90	1.2					

**Table VI. BACHELOR'S DEGREES AWARDED BY MAJOR
AND TOTAL MASTER'S DEGREES
1957-58 to 1966-67**

Major	57-58	58-59	59-60	60-61	61-62	62-63	63-64	64-65	65-66	66-67
Agriculture	—	—	—	—	14	19	22	43	46	44
Ag. Bus. Mgmt.	—	—	—	—	20	17	11	15	16	9
Ag. Engr.	17	24	10	16	20	17	11	15	16	9
Mech. Ag.	17	24	17	25	15	16	12	17	19	25
Animal Husb.	57	55	43	28	37	43	58	53	57	59
Crops	18	17	12	17	18	15	21	20	29	16
Fruit Prod.	2	1	7	6	1	5	10	7	7	11
Dairy	17	10	17	10	13	17	17	15	13	15
Farm Mgmt.	6	11	17	11	10	22	23	19	17	37
Food Proc.	—	—	—	—	—	3	5	3	7	10
Orn. Hort.	15	7	5	4	9	7	8	9	16	11
Poultry Ind.	7	8	7	8	7	3	6	4	5	12
Soil Science	26	17	19	12	19	12	13	15	19	18
TOTALS 1/	182	174	154	137	163	179	206	220	251	267
Engineering	—	—	—	—	—	—	—	—	—	—
Aeronautical	34	53	53	38	40	25	31	22	33	31
Air Cond. & Ref.	28	26	18	18	14	17	12	24	25	24
Architectural 2/	27	32	45	43	36	42	67	71	67	80
Electrical	29	29	30	25	17	26	21	28	24	25
Electronic	33	71	54	68	58	64	57	73	69	48
Industrial	14	21	15	16	23	13	26	21	17	17
Mechanical	111	140	111	112	77	68	73	71	50	83
Metallurgical	—	—	—	—	6	11	7	5	11	8
TOTALS	326	372	326	320	271	266	294	315	296	316
Applied Arts	—	—	—	—	—	—	—	—	—	—
Business	—	—	—	2	13	34	32	56	85	89
Education	31	41	29	39	61	63	72	95	71	13
English	1	4	9	15	1	1	0	3	34	57
Home Ec.	—	8	12	17	16	36	40	57	64	56
Physical Ed.	10	18	26	17	23	32	26	29	33	31
Printing	15	33	21	11	14	12	13	21	13	27
Tech. Arts	—	—	16	19	24	37	31	31	46	66
Tech. Journ.	9	11	1	—	6	10	10	7	9	7
TOTALS	66	115	114	120	158	225	224	299	355	346
Applied Sciences	—	—	—	—	—	—	—	—	—	—
Biological Sci.	9	14	14	12	15	19	26	32	53	32
Mathematics	44	61	70	49	48	53	61	57	61	77
Physics	4	20	8	14	14	12	10	7	5	9
Chemistry	4	20	8	14	14	12	10	7	5	8
Biochemistry	4	3	4	8	9	6	6	8	6	6
Social Sci.	20	16	16	17	12	16	29	46	50	102
TOTALS	81	114	112	100	98	106	132	150	180	234
Bachelor's	655	775	706	677	690	776	856	934	1082	1163
Master's	40	41	51	65	53	66	70	98	135	163
Campus Totals	695	816	757	742	743	842	926	1082	1217	1326

1/ Technical Certificates in Agricultural curriculums (not included above):
20 25 30 21 14 35 47 41 51 44

2/ For 1964-65, includes 6 Bachelor of Architecture (5-year) degrees, 7 in 1965-66, and 39 in 1966-67.

Table VII. COMPONENTS OF FALL ENROLLMENT, 1960 — 1966

Fall	Undergraduate Students			Graduate Students	Total Enrollment
	First-Time Freshmen	New Trsfers.	Returning & Continuing		
1960	1004	722	2849	4575	138 4713
1961	1094	740	3096	4930	171 5101
1962	1297	760	3486	5543	258 5801
1963	1258	819	3897	5974	336 6310
1964	1499	881	4223	6603	301 6904
1965	1116	875	4884	6875	339 7214
1966	1304	1035 /1	5016	7355	384 7739

1/ New undergraduate transfers by type of institution of origin in Fall 1966:

	Number	%
California Public Junior Colleges	753	72.8
California State Colleges	103	9.9
University of California campuses	34	3.3
California private colleges and universities	45	4.3
Out-of-State institutions	100	9.7

**Table VIII. COMPARATIVE DISTRIBUTION OF BACHELOR'S
DEGREES BY SUBJECT FIELD, CAL POLY, SAN LUIS OBISPO,
AND ALL CALIFORNIA STATE COLLEGES, 1964-65**

Subject Fields	Cal Poly, SLO		All State Colleges (includes SLO)	
	No.	%	No.	%
Agriculture	220	22.4	460	2.3
Architecture (5-year)	6	0.6	6	—
Business	56	5.7	2599	13.0
Corrections and Police Science	0	—	174	0.9
Creative Arts	0	—	1121	5.6
Education	95	9.6	4927	24.6
Engineering	309	31.4	1164	5.8
Foreign Languages	0	—	278	1.4
Health	0	—	45	0.2
Home Economics	57	5.8	381	1.9
Humanities (English, Jour., etc.)	10	1.0	1120	5.6
Ind. Arts & Technology (TA, Pr.)	52	5.3	575	2.9
Library Science	0	—	27	0.1
Mathematics	57	5.8	454	2.3
Natural Resources	0	—	130	0.6
Nursing	0	—	339	1.7
Physical Education & Recreation	29	2.9	759	3.8
Psychology	0	—	711	3.5
Sciences (Bio., Chem., Physics, BioChem)	47	4.8	1155	5.8
Social Sciences	46	4.7	3467	17.3
Special Majors	0	—	164	0.8
TOTALS	984	100.0	20,056	100.0

Source: Based on the July 1966 report from the Division of Academic Planning, Office of the Chancellor, Academic Master Planning: Phase I, pp. 74-75.

