

UNIVERSITY OF KANSAS

SUMMER SESSION REPORT

EIGHT WEEKS

1940

U N I V E R S I T Y O F K A N S A S

S U M M E R S E S S I O N O F F I C E

To the Administrative Committee
of the Summer Session:

The thirty-eighth annual Summer Session of the University of Kansas was highly successful. Our net enrollment increased 79 or 6.2% over that of 1939. The gain in credit hours was 360.5, an advance of 4.5% over the preceding year. This shows a continuation of the trend noted during the past two summers toward smaller student class loads. This should result in improved class work. The average cost of instruction per credit hour was \$5.98, a slight increase over \$5.94 cost of 1939.

Most of the departments maintained a good enrollment and variations from the 1939 figures in either cost or total credit earned were not particularly significant. In only a few cases were costs high enough above the average to be seriously challenged.

One of the outstanding features of the session was the series of institutes held on the campus during the first three weeks of the session. Many students expressed appreciation for the opportunity to participate in them and to hear the speakers which these programs brought to the campus.

The recreation and play program under the direction of Dr. F. C. Allen was well organized and was greatly enjoyed by the students. The attendance was excellent throughout the session. The musical program under the direction of Dean D. M. Swarthout was up to its usual fine standard. In addition to the usual programs by the band camp musicians, concerts by the summer session choir, orchestra and band, two fine special numbers were furnished by Dean Swarthout through the University Concert Series. Perhaps our greatest need to round out the entertainment program is something in the dramatic field. There is great interest in that work among our students. If it is not feasible to furnish this through our own department of speech, a professional company could be obtained through one of the commercial bureaus.

On the following pages you will find the usual statistical tables covering the more significant aspects of the summer work. If the committee wishes more detailed information on any of these items it will be furnished on request.

Sincerely yours,

H. E. Chandler

Secretary of the Summer Session.

HEC:mja

TABLE OF CONTENTS

	Page
Enrollment by Schools	3
Enrollment by Counties and States	4
Financial Statement	5
Operation of the Union Building	6
Special Recreation Fund	7
Statement of Activity Fund	8
Comparison of Expenditures for Last Five Years	9
Expenditure Comparison for Past Five Years	10
Comparison of Fee Collections for Past Fifteen Years	10
Comparison of Department Costs for Past Five Years	11
Five Year Comparison of Credit Hours Gained	12
Detailed Departmental Enrollments and Costs	13-23
Summary of Incompletes, Failures, and Withdrawals	24
Summary of Credit Hours and Costs	25

REGISTRATION BY SCHOOLS

SUMMER SESSION 1940

<u>School</u>	<u>Men</u>	<u>Women</u>	<u>Total</u>
Graduate School	335	179	514*
College of Liberal Arts and Sciences . . .	172	178	350
School of Engineering and Architecture . .	56	-	56
School of Fine Arts	37	66	103
School of Law	32	2	34
School of Pharmacy	4	-	4
School of Medicine	107	4	111
School of Education	22	82	104
School of Business	41	12	53
Special Summer Session	14	36	50
Totals	820	559	1379
Duplicates:			
Graduate and Medicine	11	1	12
College and Medicine	16	--	16
College and Law	2	--	2
Summer Session and Pharmacy	4	--	4
	33	1	34
Total registrations	787	558	1345

*The Graduate School enrollment was 516 as 2 students registered as undergraduates were enrolled also in the Graduate School.

Enrollment for Summer Session of 1939	1266
Enrollment for Summer Session of 1940	<u>1345</u>
Increase	79
Per cent Increase	6.2

GEOGRAPHICAL DISTRIBUTION OF STUDENTS

Kansas Counties

Allen	14	Gray	2	Ottawa	6
Anderson	6	Greenwood	11	Pawnee	5
Atchison	13	Harper	3	Phillips	1
Barber	3	Harvey	10	Pottawatomie	5
Barton	14	Haskell	2	Pratt	3
Bourbon	9	Jackson	10	Rawlins	2
Brown	11	Jefferson	32	Reno	26
Butler	9	Jewell	4	Republic	5
Chase	2	Johnson	43	Rice	9
Chatauqua	1	Kearny	2	Riley	7
Cherokee	10	Kingman	7	Rush	4
Cheyenne	2	Kiowa	3	Russell	5
Clay	4	Labette	9	Saline	19
Cloud	5	Lane	1	Scott	4
Coffey	7	Leavenworth	29	Sedgwick	23
Comanche	3	Lincoln	1	Seward	2
Cowley	10	Linn	8	Shawnee	85
Crawford	6	Logan	1	Sheridan	1
Decatur	3	Lyon	11	Smith	3
Dickinson	13	Marion	8	Stafford	7
Doniphan	12	Marshall	10	Stevens	1
Douglas	285	McPherson	19	Sumner	12
Edwards	3	Meade	1	Thomas	1
Elk	1	Miami	16	Trego	2
Ellis	3	Mitchell	3	Wabaunsee	6
Ellsworth	5	Montgomery	19	Washington	4
Finney	2	Morris	5	Wichita	1
Ford	9	Nemaha	6	Wilson	4
Franklin	31	Neosho	10	Woodson	4
Geary	3	Ness	1	Wyandotte	139
Gove	1	Norton	6		
Graham	1	Osage	4	TOTAL	1196
Grant	1	Osborne	1	Total counties ..	96

Other States

Alabama	2	Kentucky	1	Oklahoma	8
Arkansas	1	Massachusetts	1	Oregon	1
California	3	Minnesota	1	Pennsylvania	3
Colorado	2	Missouri	87	South Dakota	2
Dist. of Columbia	1	Montana	2	Texas	5
Georgia	1	Nebraska	3	Utah	1
Idaho	1	New Hampshire	1	Wisconsin	2
Illinois	5	New Jersey	1		
Indiana	1	New York	3	TOTAL	144
Iowa	1	Ohio	4	Total states	27

Other Countries

Canada	1	Hawaii	2	Japan	1
Colombia, S. A. ..	1			TOTAL	5

SUMMARY

Kansas	1196
Other States	144
Other Countries ..	5
	<u>1345</u>

FINANCIAL STATEMENT 1940 SUMMER SESSION

	Approved in Budget	Expended
I. ADMINISTRATION		
A. Summer School Administration:		
Director	\$ 400.00	\$ 400.00
Assistant Director	450.00	450.00
Clerk	150.00	150.00
Office Assistance	500.00	434.19
	<u>\$1500.00</u>	<u>\$1434.19</u>
B. Summer Administration of Schools:		
Dean of Graduate School	\$ 500.00	\$ 500.00
Dean of College	600.00	600.00
Dean of School of Fine Arts	300.00	300.00
Dean of School of Business	300.00	300.00
Dean of School of Education	300.00	300.00
	<u>\$2000.00</u>	<u>\$2000.00</u>
C. Service Program:		
Recreation Director	\$ 200.00	\$ 200.00
Recreation Assistance	300.00	295.94
	<u>\$ 500.00</u>	<u>\$ 495.94</u>
Total	<u>\$4000.00</u>	<u>\$3930.13</u>
II. INSTRUCTION		
A. Teaching Salaries:	\$45634.09	\$45417.34
Teaching on Fees (Fine Arts):		2496.00
	<u>\$45634.09</u>	<u>\$47913.34</u>
B. Laboratory Assistance:		
Anatomy	\$ 100.00	\$ 100.00
Bacteriology	250.00	200.00
Botany	100.00	100.00
Chemistry	200.00	200.00
Design	25.00	25.00
Education	250.00	300.00
Entomology	100.00	100.00
Physics	175.00	174.27
Physiology	150.00	150.00
Zoology	100.00	100.00
	<u>\$ 1450.00</u>	<u>\$ 1449.27</u>
Total	<u>\$47084.09</u>	<u>\$49362.61</u>
III. MAINTENANCE		
Postage and Supplies	\$ 300.00	\$ 150.87
Advertising and Printing	750.00	400.25
Lectures and Entertainment	300.00	232.00
Special Recreation	300.00	293.36
Total	<u>\$ 1650.00</u>	<u>\$ 1076.48</u>
<u>GRAND TOTAL</u>	<u>\$52734.09</u>	<u>\$54369.22</u>

OPERATION OF UNION BUILDING

SUMMER SESSION 1940

Manager's salary	\$291.68
Hostess's salary	100.00
Janitor service	130.00
Supplies, telephone, newspapers, etc.	50.00
Total	<u>\$571.68</u>

The above cost is the same as that of last year. The Union has served the Summer Session very effectively this year. The education forums and other gatherings made good use of the facilities of the building. Dinners and banquets were served to a number of groups. Parties, receptions and dances under the general supervision of the recreation director were held in the ballroom. More students made use of the facilities than in previous years and seemed greatly pleased with the efforts made in their behalf.

The Reading Institute held all of its sessions in the ballroom and other rooms on the second floor and had the book display in the lounge. Phi Delta Kappa met regularly in the Pine Room. With the recent improvements in the recreational facilities and the Union Fountain it is probable that even greater use can be made of the building next year.

SPECIAL RECREATION FUND

Summer Session 1940

The recreation program for summer session students was most effectively planned and carried out under the direction of Dr. F. C. Allen and his class in Principles of Community Recreation. The evening programs from seven to nine o'clock were especially well attended. The picnics and the open air dance attracted large crowds. The students were enthusiastic in their praise of the program. It should be continued next year.

The budget committee allotted the sum of \$300.00 to be paid from balances in the maintenance fund for special equipment and supplies for recreational purposes. This allotment was expended as follows:

Installing, operating, removing and storing floodlighting equipment. .	\$139.23
Lumber for backstops & shuffleboard	33.36
Goal-Hi standard	29.50
Iron pipe for monkey-maze	28.98
Basketballs and shuttlecocks	18.32
Golf balls for driving range	18.00
Lime	16.50
Archery supplies	4.77
Paint	3.15
Corn meal	1.55
Total	<u>\$293.36</u>

N.B.

Mr. Chandler reported approx.
\$128 53 spent out of
activity fund

Page 8

STATEMENT OF RECEIPTS & EXPENDITURES
SUMMER SESSION ACTIVITY FUND

(to be inserted later)

SUMMER SESSION
COMPARISON OF EXPENDITURES FOR LAST FIVE YEARS

	<u>1936</u>	<u>1937</u>	<u>1938</u>	<u>1939</u>	<u>1940</u>
I. ADMINISTRATION:					
Director	\$ 340.00	\$ 400.00	\$ 400.00	\$ 400.00	\$ 400.00
Asst. Director	390.00	450.00	450.00	450.00	450.00
Clerk	545.00	560.00	575.00	575.00	150.00
Office Assistance	502.80	599.98	499.93	500.04	434.19
Sum Adm of Schools	1400.00	1400.00	1400.00	2000.00	2000.00
Service Program	<u>200.00</u>	<u>200.00</u>	<u>240.00</u>	<u>200.00</u>	<u>495.94</u>
	\$3377.80	\$3609.98	\$3564.93	\$4125.04	\$3930.13
II. INSTRUCTION:					
A. Teaching Salaries	\$40677.75	\$43576.16	\$46898.36	\$46134.20	\$47913.34
B. Laboratory Assistance					
Anatomy	\$ 100.00	\$ 100.00	\$ 100.00	\$ 100.00	\$ 100.00
Bacteriology	300.00	300.00	250.00	250.00	200.00
Botany	100.00	100.00	100.00	100.00	100.00
Chemistry	350.00	300.00	200.00	-----	200.00
Design	-----	-----	-----	-----	25.00
Education	199.70	249.83	250.00	375.00	300.00
Entomology	100.00	100.00	100.00	100.00	100.00
Physics	100.00	50.00	100.00	100.00	174.27
Physiology	100.00	100.00	100.00	150.00	150.00
Zoology	<u>100.00</u>	<u>100.00</u>	<u>100.00</u>	<u>100.00</u>	<u>100.00</u>
	\$1449.70	\$1399.83	\$1300.00	\$1275.00	\$1449.27
III. MAINTENANCE:					
Postage & supplies	\$ 204.50	\$ 226.09	\$ 290.87	\$ 169.30	\$ 150.87
Advt. & printing	672.45	1034.60	520.38	675.65	400.25
Lect. & entertain.	372.32	330.65	282.85	156.36	232.00
Emergency	153.47	-----	-----	-----	-----
Spec. recreation	<u>-----</u>	<u>-----</u>	<u>109.70</u>	<u>344.51</u>	<u>293.36</u>
	\$1402.74	\$1591.34	\$1203.80	\$1345.82	\$1076.48
 TOTAL COSTS	 \$46993.23	 \$50177.31	 \$52967.09	 \$52880.06	 \$54369.22
 TOTAL FEES	 <u>24225.37</u>	 <u>29134.32</u>	 <u>30119.96</u>	 <u>30447.20</u>	 <u>31936.05</u>
NET COST	\$22767.83	\$21042.99	\$22847.13	\$22432.86	\$22433.17

STATISTICAL COMPARISON SUMMER SESSION EXPENDITURES
FOR PAST FIVE YEARS

Year	Enroll.	Total Sal.	Admin.	Lab Asst.	Emerg.	Maint.
1936	1264	\$40677.75	\$3377.80	\$1449.70	\$85.24	\$1402.74
1937	1164	43576.16	3609.98	1399.83	-----	1591.34
1938	1231	46898.36	3564.93	1300.00	-----	1203.80
1939	1266	46134.20	4125.04	1275.00	-----	1345.82
1940	1345	47913.34	3930.13	1449.27	-----	1076.48

SUMMER SESSION FEES FOR THE PAST FIFTEEN YEARS

Year	Incidental	Matriculation	Fine Arts	Total Fees
1926	\$23866.50	\$4655.00	\$1132.00	\$29653.50
1927	32597.40	4870.00	1155.75	38623.15
1928	33075.00	4285.00	1224.00	38584.25
1929	34488.00	5407.00	822.50	40717.50
1930	37297.25	5490.00	1476.00	44263.25
1931	36700.25	4867.00	1330.00	42897.25
1932	28922.50	2745.00	1381.30	32048.80
1933	16920.25	1405.00	881.35	19206.60
1934	18034.25	1687.50	1428.75	21150.50
1935	19194.75	1680.00	1422.05	22296.80
1936	19951.12	1875.00	2399.25	24225.37
1937	25340.07	1552.50	2241.75	29134.32
1938	25985.50	2090.00	2044.46	30119.96
1939	26250.00	2085.00	2112.20	30447.20
1940	27255.50	2230.00	2450.55	31936.05

SUMMER SESSION

Comparison of Department Costs for last Five Years

<u>Department</u>	<u>1936</u>	<u>1937</u>	<u>1938</u>	<u>1939</u>	<u>1940</u>
Anatomy	\$4.91	\$3.94	\$4.14	\$3.79	\$3.96
Bacteriology	6.28	7.13	7.34	10.88	10.75
Biochemistry	8.15	7.02	9.31	6.97	8.54
Botany	4.84	6.64	8.64	5.47	5.64
Chemistry	6.79	10.95	7.52	11.94	6.28
Design	4.60	5.19	3.08	4.95	3.43
Drawing	8.33	6.75	----	----	----
Economics	5.61	4.67	4.73	4.79	5.09
Education	3.68	4.83	4.70	4.67	4.80
Engineering	7.98	11.35	8.36	7.50	3.55
English	3.59	4.72	4.29	4.73	5.44
Entomology	2.92	3.58	6.02	4.12	6.06
French	12.41	13.20	----	13.80	----
Geology	5.52	8.12	6.31	4.72	7.74
German	10.03	13.46	9.11	4.63	7.50
History	3.38	5.74	3.90	3.21	5.36
Home Economics	7.20	4.83	7.18	5.73	8.23
Journalism	4.12	3.70	6.86	5.54	8.88
Latin	----	----	10.64	10.81	----
Law	5.53	6.48	10.93	8.84	8.30
Mathematics	8.25	7.04	8.69	7.44	13.21
Music	9.93	10.11	10.01	10.32	8.48
Physical Education	----	----	5.86	8.40	7.23
Physics	5.18	12.31	8.52	8.29	8.64
Physiology	4.35	6.36	5.31	5.16	5.73
Political Science	3.45	3.24	5.88	4.66	4.45
Psychology	3.13	3.59	4.35	5.49	5.04
Sociology	4.30	6.60	4.20	5.44	6.10
Spanish	11.06	7.71	12.73	13.58	11.91
Speech	4.74	5.08	6.82	5.84	6.24
Zoology	6.48	8.70	11.81	13.86	3.14

SUMMARY OF CREDIT HOURS GAINED -- PAST FIVE YEARS

<u>Department</u>	<u>1936</u>	<u>1937</u>	<u>1938</u>	<u>1939</u>	<u>1940</u>
Anatomy	162	298	343.5	372	356
Bacteriology	230	211	199	135	132
Biochemistry	111	158	122	162	131
Botany	196	150	133	168	152
Chemistry	324	188	306	154	296
Design	131	91	146	121	173
Drawing & Painting	48	37	---	---	---
Economics	482	588	593	634	541
Education	1901	1661	1974	1889	2046
Engineering	165	70	124	115	302
English	815	621	669	609	559
Entomology	154	131	83	126	89
French	29	25	----	25	----
Geology	69	96	168	198	213
German	59	52	79	108	60
History	457	329	363	461	258
Home Economics	61	89	84	48	58
Journalism	186	250	146	146	108
Latin	---	---	31	20	----
Law	434	374	229	281	294
Mathematics	152	163	167	169	93
Music	492.5	511	521	498	709
Physical Education	---	---	78	113	141
Physics	225.5	101	149	193.5	189
Physiology	308	223	269	222	235
Political Science	229	256	192	198	203
Psychology	358	323	239	297	275
Sociology	246	195	306	210	261
Spanish	47	63	42	53	47
Speech	165	187	145	142	169
Zoology	<u>162</u>	<u>145</u>	<u>131</u>	<u>106</u>	<u>244</u>
Totals	8399	7586	8031.5	7973.5	8334

REPORT ON ENROLLMENTS AND COSTS
SUMMER SESSION 1940

In the following tables the student and credit hour enrollment in each course offered during the summer session is shown. Costs are figured on the basis of the actual number of hours of work for which a record is made in the Registrar's Office. By agreement of the National Association of Summer School Directors withdrawals from courses are not included in total costs because the registrars generally make no permanent record of summer or short term withdrawals. This practice is followed only to secure a uniform basis for computing costs reported to the Association.

Following the plan started three years ago the number of hours of incompleted work, failures and withdrawals is not listed in detail for each course. The figures are available for these items and can be furnished if desired. A summary of the totals for each department is shown in tabular form on page 24 of this report. The number of hours of withdrawal shown there for any department may be added to the total of hours in the last column of the corresponding departmental summary to show the full number of hours of registration in the department. There is a considerable amount of incomplete work but this consists mainly of unfinished problems, research or theses. The amount of failure in summer session classes is now relatively small.

To further simplify the report, the division of enrollment into junior college, senior college, and graduate hours is omitted. This division seems to have been of little value to the committee and takes considerable extra work and space. The figures are tabulated and can be furnished if desired. A summary by departments is shown on page 25. This table also shows the summary of credit hours gained and credit hour costs in each department. This information may be of value in the consideration of next year's program.

The costs shown include the salaries of instructors and laboratory assistants but do not include overhead or maintenance items. There is so much diversity of practice in handling overhead charges that our National Association of Summer School Directors has not found it possible to include them in reporting costs for comparison. Throughout the association the cost figure for each department is obtained by dividing the total number of hours of credit into the total sum paid for instructional salaries and laboratory assistance in that department.

Title of Course		Instructor	Salary	Cr Hrs	Stud	Hrs
Dept.						
<u>ANATOMY</u>						
161	Upper Extremity	Tracy	\$ 800.00	2.5	14	35
162	Lower Extremity	"		2.5	15	37.5
163	Abdomen and Thorax	"		3.5	15	52.5
164	Head and Neck	Ginsberg	150.00	3.5	16	56
187	Histology and Splanchnology	Fletcher	360.00	5	17	85
189	Neurology	"		3	30	90
	Laboratory Assistance	Ginsberg	100.00			
			\$1410.00	20	107	356
Cost per hour						\$3.96
<u>BACTERIOLOGY</u>						
150M	Pathogenic Bacteriology	Sherwood	\$ 800.00	5	14	70
151	Medical Immunology	"		3	7	21
154	Diagnostic Bacteriology	Downs (3/4)	420.00	5	7	35
261	Special Problems in Bacteriology	Sherwood		3	2	6
	Laboratory Assistance	Faucett	80.00			
		Miller	120.00			
			\$1420.00	16	30	132
Cost per hour						\$10.75
<u>BIOCHEMISTRY</u>						
150	Biological Chemistry	Nelson and	\$ 800.00	5	23	110
151	Advanced Biochemistry	Garber	320.00	3	10	21
			\$1120.00	8	33	131
Cost per hour						\$8.54
<u>BOTANY</u>						
50	General Botany	Horr	\$ 480.00	5	9	45
61	Trees and Shrubs	Durrell (3/4)	277.50	2-3	21	62
65	Principles of Landscape Design	"		3	7	21
167	Lab. Dem. in Botany	Horr		3	3	9
170	Botanical Problems	"		2-5	3	10
303	Research in Plant Physiology	"		5	1	5
	Laboratory Assistance	Mayberry	100.00			
			\$ 857.50	24	44	152
Cost per hour						\$5.64
<u>CHEMISTRY</u>						
2	Inorganic Chemistry	Rarick	\$ 380.00	5	13	60
49	Quantitative Analysis I	"		3	1	3
151	Quantitative Analysis I	"		3-5	14	50
161	General Organic Chemistry	Brewster	660.00	5	13	65
172	Physical Chem: Electro-Chemistry	Davidson	620.00	3-5	11	53
302	Advanced Topics in Inorganic and Physical Chemistry	"		3	5	15

Title of Course		Instructor	Salary	Cr Hrs	Stud Hrs	Hrs
Dept.						
<u>CHEMISTRY (cont'd)</u>						
312	Chemical Seminar	Davidson		2	1	2
312	" "	Taft		2	1	2
312	" "	Brewster		2	1	2
365	Organic Chemistry Research	"		1-3	7	13
366	Adv. Topics in Organic Chem.	"		3	1	3
367	Adv. Topics in Organic Chem.	"		3	3	9
376	Physical Chemistry Research	Davidson		1-6	2	6
376	" " "	Taft		1-6	2	7
376	" " "	Rarick		1-6	1	6
	Laboratory Assistance	Martin	\$ 200.00			
			\$1860.00	43	76	296
Cost per hour						\$6.28
<u>DESIGN</u>						
	Design (13-14-33-34-66-95- 163-164-193-194-301)	Whitney	\$ 420.00	1-3	40	91
		& Waid ($\frac{1}{2}$)	150.00	(27)		
	Handcrafts (21-22-151-152- 157-158-181-182-191-303)			1-2	26	49
				(20)		
	Pottery (29-30-159-189-190)			1-2	14	22
				(8)		
	Art in Industry (53-54-83-84)			1-2	6	11
				(7)		
	Kiln Assistance		25.00			
			\$ 595.00	62	86	173
Cost per hour						\$3.43
<u>ECONOMICS</u>						
1	Introductory Economics	Blocker ($\frac{3}{4}$)	\$ 390.00	3	16	48
5	Price and Distribution	Lintner ($\frac{3}{8}$)	105.00	2-3	14	41
9	Accounting I	Shannon	510.00	3	9	27
158	Elementary Statistics	Dade ($\frac{5}{8}$)	343.75	2-3	8	23
159	Business Statistics	"		2	7	14
161	Public Finance	Blocker		3	23	69
164	Valuation Accounting	Shannon		3	8	24
167	Auditing	"		2	12	24
170	Labor Economics	Gagliardo ($\frac{5}{8}$)	387.50	3	15	36
171	Social Insurance	"		2	10	18
174	Property Insurance	Axe	520.00	2	19	38
185	Market Management	Stockton ($\frac{5}{8}$)	500.00	2	4	8
194	Business Law I	Axe		3	33	99
195	Business Law II	"		3	16	48
300	Thesis	"		1	1	1
300	Thesis	Stockton		1-6	2	7
300	Thesis	Gagliardo		2	1	2
300	Thesis	Shannon		1	1	1

Title of Course	Instructor	Salary	Cr Hrs	Stud. Hrs	Hrs
Dept. ECONOMICS (cont'd)					
300 Thesis	Dado		3	1	3
315 Seminar in Industrial Mgt.	Stockton		3	2	6
Seminar in Economics	Gagliardo		4	1	4
		\$2756.25	57	203	541
Cost per hour					\$5.09

EDUCATIONEducational Administration

A 50 Introduction to School Admin.	Althaus	\$ 498.00	2	31	62
A158 Visual Education	Montgomery		2	27	54
A159- Adm. of Smaller School Systems					
273 and City School Admin.	Jacobs	640.00	3	16	48
A250 Org. & Adm. of Elem. Schools	Ullrich	700.00	3	22	63
A304 Seminar in Educ. Administration	Twonto	690.00	0	27	0
A370 Child Accounting	"		2	10	20
A371 Admin. of Curriculum	Althaus		2	13	26
A374 Comparative Education	Russell	550.00	3	7	21
A375 Educational Finance	Twonto		3	19	57
A378 Public School Relations	Ullrich		2	19	38
A399 Research in Educ. Admin.	Twonto		2-5	8	28

Secondary Education

B260 Principles of Secondary Educ.	Brooks	750.00	3	25	75
B261 Admin. of Jr. & Sr. High Schools	"		3	7	21
B264 Admin. of Extra-Curr. Activ.	Jacobs		2	18	32
B377 Probs. of Sec. School Practice	Brooks		2	22	44

Measurement, Experimentation, Supervision

E 50 Int. to Educ. Measurement	Althaus		2	8	16
E166 Statistical Methods	Ulmer	370.00	3	20	60
E272 Supervision of Instruction	Jacobs		2	6	12
E352 Educational Measurements	O'Brien	656.00	3	23	69
E353 Educational Experimentation	"		2	9	18
E399 Research in Educ. Meas. & Sup.	"		1-5	4	13

History of Education

H 64 Survey of American Education	Ulmer		2	18	36
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Theory and Practice of Teaching

M 1 Methods of Teaching	Litchen		3	6	18
M 10 Elem. School Art Methods	Ellsworth (5/8)	204.35	3	15	45
M 53 Junior H. S. Art Methods	"		2	1	2
M 55 High School Art Methods	"		2	1	2
M 61 Pub. Sch. Mus. Meth. Pri. Grades	Oliver	150.00	2	8	16
M 63 Teaching of Mus. in Jr. H.S.	"		2	5	10
M90a Sup. Teaching in Spec. Schools	Russell		3	1	3
M269 Methods of Teach. Elem. Grades	Ullrich		3	10	30

Title of Course	Instructor	Salary	Cr Hrs.	Stud:	Hrs
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Dept.

EDUCATION (cont'd)Theory and Practice of Teaching (cont'd)

M289	Teaching of Mathematics	Mitchell ($\frac{1}{4}$)	\$ 200.00	3	12	36
M291	Teaching of Social Studies	Litchen		3	13	39
M340	Modern Teaching Procedures	Baylos	480.00	3	74	222
M377	Prob. in Theory & Pr. of Tehng.	"		2	14	28
M399	Research in Th. & Pr. of Tehng.	"		1-5	14	45
M399	" " " " " "	Gaston ($\frac{1}{2}$)	200.00		3	10
M399	" " " " " "	Miossner ($\frac{1}{4}$)	185.00		1	1
M399	" " " " " "	Ulmer			4	7
M399	" " " " " "	Turney	600.00		2	9
M399	" " " " " "	Nash	650.00		2	7

Educational Psychology

P 35	Essentials of Reading	Mitchell	700.00	3	20	60
P 50	Educational Psychology	Van Swearingen	200.00	3	29	87
P268	Psychology of Reading	Mitchell		2	24	48
P281	Reading & Study Laboratory	"		2	12	24
P300	Seminar in Educ. Psychology	Nash		0	2	0
P354	Educational Clinic	"		2-5	9	31
P355	Ment. Meas. of School Children	Turney		3	7	21
P367	Adv. Educ. Psychology	Nash		3	52	156
P371	Non-Typical Child	Turney		3	7	21
P376	Mental Hygiene	"		2	23	46
P399	Research in Educ. Psychology	Nash		1-5	11	18

Educational Sociology

S 52	Elem. of Educ. Sociology	Russell		2	23	46
S292	Intro. to Study of Curriculum	"		3	7	21
S293	Const. of Elem. School Curr.	Saylor	800.00	3	5	15
S294	Const. of Sec. School Curr.	"		3	7	21
S358	Ext. Curr. Act. & School Control	O'Brien		3	18	54

Philosophy of Education

T268	Principles of Education	Schwegler (3/8)	300.00	2	17	34
	Laboratory Assistance	Irregular Payroll	300.00			
			\$9813.35	139	818	2046
Cost per hour						\$4.80

ENGINEERING

AM 1	Applied Mechanics	Brown (3/4)	\$ 502.50	2	11	22
AM 51	Strength of Materials	Hay (3/4)	570.00	4	9	36
CE 11	Elementary Surveying	Brown		3	7	21
CE 92	Chem. Eng. Thesis	Marshall		3	1	3
ME 45	Ground School	Razak		0-3	60	167
ME 51	Ind. Plant Design	Hay		3	1	3
ME150	Machine Design	"		5	4	20

Title of Course	Instructor	Salary	Cr Hrs.	Stud.	Hrs
Dept.					
<u>ENGINEERING (cont'd)</u>					
ME153 Machine Design	Hay		3-4	4	13
ME162 Engineering Design	"		3	3	6
202 Research Course	"		5	1	5
255 Mechanics of Machinery	"		3	1	3
304 Chem. Engineering Research	Marshall		3	1	3
		\$1072.50	41	103	302
Cost per hour					\$3.55

ENGLISH

1 Rhetoric	Hull	\$ 320.00	3	17	51
10 English Literature	Laird	464.00	2	23	46
11 English Literature	Hull		3	22	66
12 History of Eng. Literature	Virtue	420.00	3	9	27
14 History of English Literature	Hull		2	15	30
16 Children's Literature	Laird		2	9	18
52 Exposition	Gardner	520.00	3	11	33
94a Reading for Honors	Hyder	520.00	2	1	2
96 Directed Reading	Laird		1	1	1
96 Directed Reading	Nelson	800.00	1	2	2
172 American Literature II	"		3	19	57
176 Eng. Prose of Later 19th Cent.	"		3	15	45
178 Shakespeare: Intensive Study	Gardner		3	8	24
189 The English Essay	Virtue		2	14	26
304 Int. to Comparative Literature	Hyder		3	8	24
305 Theories of Poetry	Laird		3	9	27
308 English Poetry of 19th Century	Hyder		3	6	18
324 Investigation & Conference	"		2-4	5	13
324 " " "	Virtue			3	7
324 " " "	Laird			1	3
324 " " "	Gardner			3	6
324 " " "	Nelson			6	16
325 Thesis	"		2-5	2	4
325 Thesis	Virtue			2	6
325 Thesis	Hyder			2	7
		\$3044.00	51	213	559
Cost per hour					\$5.44

ENTOMOLOGY

1 Biology of Insects	Doering	\$ 440.00	5	8	40
163 Field Entomology	"		3-6	7	35
164 Special Problems	"		6	1	6
300 Original Investigations	"		3	1	3
362 Biological Survey	Boamer		5	1	5
Laboratory Assistance	Forbes	100.00			
		\$ 540.00	25	18	89
Cost per hour					\$6.06

Title of Course	Instructor	Salary	Cr Hrs.	Stud.	Hrs
Dept.					
GEOLOGY					
3a Principles of Geography	Posey	\$ 550.00	3	17	51
4 Economic Geography	"		2	13	26
58 Geography of Europe	"		3	8	21
159 Field Geology	Landes (3/4)	600.00	5	14	70
359 Regional Field Geology	Moore (5/8)	500.00	5	9	45
		\$1650.00	18	61	213
Cost per hour					\$7.74
GERMAN					
1 Elementary German	Hagemann (5/8)	\$ 262.50	5	6	30
2 German Reading & Grammar	Gronicka (5/8)	187.50	5	6	30
		\$ 450.00	10	12	60
Cost per hour					\$7.50
HISTORY					
5 English History	Crawford (5/8)	\$ 375.00	5	13	65
157 Revolutionary Europe	Melvin	520.00	3	9	27
159 Recent World History	"		3	14	39
173 History of Kansas	Malin (7/8)	490.00	2	9	18
183 Later America I	"		3	27	81
201 Problems of Modern Europe	Melvin		2	5	10
306 Seminar in American History	Malin		5-7	3	18
		\$1385.00	23	80	258
Cost per hour					\$5.36
HOME ECONOMICS					
3a Food and Nutrition	Tissue (3/8)	\$ 165.00	3	7	21
8 Clothing and Textiles I	Anderson (5/8)	312.50	3	9	27
76 Standards of Living & Family Finance	"		2	5	10
		\$ 477.50	8	21	58
Cost per hour					\$8.23
JOURNALISM					
11 Newspaper in Society	Hoady (1/4)	\$ 160.00	2	4	8
162A Magazine Writing	Flint	710.00	3	14	42
180 Elements of Advertising	"		3	9	27
193 History of American Journalism	Kistler (1/4)	90.00	2	9	18
300 Sem. in Hist. & Prin. of Journ.	Flint		2-3	2	5
310 Thesis	"		3-5	2	8
		\$ 960.00	13	40	108
Cost per hour					\$8.88

Title of Course	Instructor	Salary	Cr Hrs	Stud.	Hrs
Dept. <u>LAW</u>					
Torts	Moreau	\$ 500.00	5	14	70
Taxation	Tupy (3/4)	328.12	3	11	30
Equity II	Davis (3/4)	375.00	2-3	13	38
Constitutional Law	Smith	500.00	4	13	52
Real Property	Lesar (5/8)	487.37	2	10	20
Trusts	"		3	18	54
Personal Property	Viesselman ($\frac{1}{2}$)	250.00	2	15	30
		\$2440.49	22	94	294
Cost per hour					\$8.30

MATHEMATICS

2a College Algebra	Jordan (5/8)	318.75	3	2	6
2b College Algebra	"		5	5	15
152 Modern Synthetic Geometry	Smith ($\frac{1}{2}$)	310.00	3	10	27
162 History of Mathematics	Mitchell (3/4)	600.00	1-2	9	17
303 Seminar	Smith		1	2	1
306 Theory of Finite Groups	Mitchell		2	7	12
321 Theory of Numbers	"		2	8	14
Thesis	"		1	1	1
		\$1228.75	19	44	93
Cost per hour					\$13.21

MUSIC

287-288 Instrumentation I and II	Anderson	\$ 660.00	2-4	18	66
387 Advanced Instrumentation	"		3	5	15
Organ	"		1	1	1
Brass Instruments (Cornet)	Boyle		1	1	1
Piano	Conger	120.00	0-2	8	8
Brass Instruments	Gaston ($\frac{1}{2}$)	200.00	1	3	3
36 Orch. & Band Instruments (Brass & Percussion)	"		2	11	22
314 Civic Music	"		3	19	57
323 Seminar in School Music	"		2	11	52
29 String Ensemble I	Geltech	330.00	1	2	2
30 String Ensemble II	"		1	1	1
Violin	"		0-4	7	13
Violin	Kuersteiner	93.00	0-3	6	4
Summer Session Orchestra	Lawson	100.00	1	8	5
313 Organization of School Music	Miessner (3/4)	555.00	3	30	90
324 Seminar	"		2	6	12
Thesis	"		3	1	3
Voice	Moncrieff	352.00	0-2	12	15
Voice	Moore	208.00	0-1	15	10
6 Keyboard Harmony	Orcutt	388.50	2	8	16
6a " "	"		1	5	5
Piano	"		0-2	18	12

Title of Course		Instructor	Salary	Cr Hrs	Stud Hrs	Hrs
Dept. MUSIC (cont'd)						
	Voice	Peabody	\$ 272.00	0-2	17	17
72	History of Music	Skilton	780.00	3	22	63
341	Adv. History of Music	"		3	8	24
155	Form and Analysis	"		2	5	10
	Organ	"		0-1	3	2
	Thesis	"		2	1	2
15	Orchestra Instruments	Stuhl	311.00	2	10	20
2	Sight S. & Ear Training II	"		1	8	8
	Violoncello	"		0-2	10	7
	A Cappella Choir	Swarthout (5/8)	500.00	.5	34	17
165	Choral Rep. & Adv. Conducting	"		2	22	44
	Piano	"		2-3	4	9
	Thesis	"		1-2	2	3
	Piano	Taylor	618.00	0-2	17	21
	Summer Session Band	Wiley	264.00	1	5	5
16	Orch. & Band Inst. (Woodwinds)	"		2	5	10
36	Orch. Instruments (Brass & Perc.)	"		2	2	4
169	Band & Orch. Meth. & Admin.	"		2	24	48
	Clarinet	"		0-1	3	.2
	Voice	Wilkins	272.00	0-3	10	10
			\$6013.50	74.5	408	709
Cost per hour						\$8.48

Note: Music fees collected by the Business Office amounted to \$2450.55. Fees paid to instructors listed above totaled \$2496.00. Collections lacked \$45.45 of paying fees due instructors. Students taking work without credit were enrolled with above instructors as follows: (total, 36) Conger 2; Kuersteiner 4; Moore 6; Peabody 1; Stuhl 4; Taylor 4; Geltch 1; Moncrieff 2; Orcutt 8; Skilton 1; Wiley 1; Wilkins 2;

PHYSICAL EDUCATION

100	Principles of Community Recreation	Allen (3/4)	\$ 600.00	3	12	36
201	Advanced Basketball	"		2-3	20	58
202	Admin. of Physical Education	Elbel (3/4)	420.00	3	11	33
300	Special Problems in Physical Ed.	"		2-3	3	8
312	Seminar in Physical Education	"		3	2	6
			\$1020.00	15	48	141
Cost per hour						\$7.23

PHYSICS

3	Introduction to Physics	Stranathan	\$ 640.00	5	13	65
7b	General Physics	Kent	570.00	0-5	8	30
154	Vacuum Tube Electronics	Stranathan		3	9	27
156	Electrical Measurements	Good		2	2	4
162	X-Rays	Kent		2	5	8
163	Colloquium	Stranathan		1	1	1

Title of Course		Instructor	Salary	Cr. Hrs.	Stud. Hrs.	Hrs
Dept.						
PHYSICS (Cont'd)						
300	Graduate Laboratory	Stranathan		3	1	3
307	Research and Thesis	"		3	1	3
307	" " "	Kent		3	1	3
12	Descriptive Astronomy	Storer ($\frac{1}{2}$)	\$ 250.00	3	15	45
	Laboratory Assistance	Good & others	174.27			
			\$1634.27	27	56	189
Cost per hour						\$8.64
PHYSIOLOGY						
50	Human Physiology	Walling ($\frac{3}{8}$)	\$ 157.50	3	22	66
170	Physiology	Stoland ($\frac{5}{8}$)	500.00	5	18	90
271	Medical Physiology	Woodard	540.00	2-5	15	64
300	Research in Physiology	Stoland		3	5	15
	Laboratory Assistance	Swan	100.00			
		Powers	50.00			
			\$1347.50	16	60	235
Cost per hour						\$5.73
POLITICAL SCIENCE						
10	American Government	Montgomery		3	18	54
110	The American Constitution	Stene ($\frac{1}{2}$)	\$ 245.00	2	16	32
153	Political Parties	"		2	4	8
154	Comparative Government	Sandelius	660.00	3	10	30
159	History of Political Theories	"		2	4	8
164	International Relations	"		3	22	66
306	Thesis	"		3	1	3
306	Thesis	Stene		2	1	2
			\$ 905.00	18	76	203
Cost per hour						\$4.45
PSYCHOLOGY						
1	General Psychology	McCord	\$ 340.00	5	11	55
1a	" "	"		3	9	27
1b	Psychology Laboratory	Sarvis ($\frac{3}{4}$)	247.50	2	7	14
151	Normal & Delinquent Child	Wheeler	800.00	3	15	45
159	Psychology of Learning	McCord		3	11	33
165	Psychological Clinic I	Sarvis		3	1	3
166	Psychological Clinic II	"		2-5	3	11
167a	Systematic Psychology	Wheeler		3	10	30
168	Advanced Psychology	"		2-3	3	8
168	" "	Sarvis		2-3	5	14
169	" "	"		3-5	4	17
304	Thesis in Psychology	Wheeler		8	1	8
305	Special Topics	"		2-5	2	7
305	" "	Sarvis		3	1	3
			\$1387.50	48	83	275
Cost per hour						\$5.04

Title of Course		Instructor	Salary	Cr. Hrs	Stud. Hrs	Hrs
Dept.						
<u>ROMANCE LANGUAGE</u>						
150	History of Early Spanish Lit.	Osma	\$ 560.00	3	5	15
162	Advanced Spanish Grammar	"		2	7	14
300	Seminar	"		1-3	4	8
314	Thesis	"		2-4	4	10
			\$ 560.00	12	20	47
Cost per hour						\$11.91
<u>SOCIOLOGY</u>						
50	Elements of Sociology	Clark	\$ 760.00	3	14	42
154	Collective Behavior	"		2	18	36
156	The Family	Twente	540.00	2	18	36
164	Urban Sociology	McCluggage (3/4)	292.50	3	13	36
165	Immigration & Race Problems	"		3	9	27
170	Intro. to Comm. Organization	Twente		2	7	14
175	Field of Social Work	"		3	12	36
180	Adv. General Sociology	Clark		2	4	8
300	Seminar	"		1-3	3	7
	Thesis	"		3-6	2	9
	Thesis	Twente		5	2	10
			\$1592.50	29	102	261
Cost per hour						\$6.10
<u>SPEECH</u>						
1	Principles of Speech	Buchler	\$ 600.00	2	35	70
3	Diction	Calderwood (7/8)	455.00	2	4	8
53	Theory & Practice of Acting	"		3	13	36
61	Extempore Speaking	Buchler		2	9	18
70	Radio Speaking	Calderwood		2	9	18
153	Theory & Practice of Acting	"		2-3	2	5
164	Psychology of Persuading Aud.	Buchler		2	7	14
			\$1055.00	16	79	169
Cost per hour						\$6.24
<u>ZOOLOGY</u>						
1	Elem. Animal Biology	Larson	\$ 420.00	5	13	65
155	Vertebrate Embryology	Leonard (3/4)	247.50	5	30	150
187	Invertebrate Zoology	Larson		3	9	24
305	Graduate Seminar	"		2	1	2
325	Graduate Research	Leonard		3	1	3
	Laboratory Assistance	McNair	100.00			
			\$ 767.50	18	54	244
Cost per hour						\$3.14

SUMMARY OF HOURS OF WORK INCOMPLETE, FAILED, AND
WITHDRAWN IN EACH DEPARTMENT 1940 SUMMER SESSION

<u>Department</u>	<u>Incomplete</u>	<u>Failure</u>	<u>Withdrawn</u>
Anatomy	0	0	0
Bacteriology	3	0	0
Biochemistry	5	0	14
Botany	0	3	0
Chemistry	11	5	5
Design	3	0	2
Economics	14	12	11
Education	94	0	7
Engineering	9	15	9
English	38	13	2
Entomology	0	0	0
Geology	118	0	3
German	0	0	0
History	18	13	3
Home Economics	3	0	0
Journalism	8	0	0
Law	0	16	3
Mathematics	1	2	18
Music	8	5	9
Physical Education	0	0	0
Physics	4	5	7
Physiology	41	0	5
Political Science	0	0	0
Psychology	12	0	0
Romance Languages	10	0	0
Sociology	19	0	3
Speech	2	2	3
Zoology	<u>0</u>	<u>5</u>	<u>3</u>
Total	421	96	107

DEPARTMENTAL SUMMARY OF CREDITS AND COSTS

Department	Salaries	Lab Asst.	Cr. Hr.	Jr. Col.	Sr. Col.	Grad.	Stud.	Cr Hrs Gained	Cost
Anatomy	\$1310.00	\$ 100.00	20		282	74	107	356	\$ 3.96
Bacteriology	1220.00	200.00	16		103	29	30	132	10.75
Biochemistry	1120.00		8		113	32	33	131	8.54
Botany	757.50	100.00	24		138	14	44	152	5.64
Chemistry	1660.00	200.00	43	68	133	100	76	296	6.28
Design	570.00	25.00	62	72	75	28	86	173	3.43
Economics	2756.25		57	116	309	127	203	541	5.09
Education	9513.35	300.00	139	123	550	1380	818	2046	4.80
Engineering	1072.50		41	216	81	14	103	302	3.55
English	3044.00		51	238	132	191	213	559	5.44
Entomology	440.00	100.00	25	40	30	19	18	89	6.06
Geology	1650.00		18	77	69	70	61	213	7.74
German	450.00		10	60			12	60	7.50
History	1385.00		23	65	82	114	80	258	5.36
Home Economics	477.50		8	48	10		21	58	8.23
Journalism	960.00		13	8	72	28	40	108	8.88
Law	2440.49		22		297		94	294	8.30
Mathematics	1228.75		19	31	10	70	44	93	13.21
Music	6013.50		74.5	207	143	368	408	709	8.48
Physical Educ.	1020.00		15		51	90	48	141	7.23
Physics	1460.00	174.27	27	145	9	42	56	189	8.64
Physiology	1197.50	150.00	16		193	47	60	235	5.73
Pol. Science	905.00		18	54	72	77	76	203	4.45
Psychology	1387.50		48	96	116	63	83	275	5.04
Romance Lang.	560.00		12		5	42	20	47	11.91
Sociology	1592.50		29		199	65	102	261	6.10
Speech	1055.00		16	78	81	13	79	169	6.24
Zoology	667.50	100.00	18	65	98	84	54	244	3.14
Totals	\$47913.84	\$1449.27	872.5	1807	3453	3181	3069	8334	
Cost per hour				\$3.69	\$5.53	\$7.38		\$5.98	