

THE UNIVERSITY OF KANSAS  
Lawrence

October 12, 1939

TO HEADS OF DEPARTMENTS:

We are making a slight change this year in the summer session budget procedure. Conferences are planned at this time only for the departments which had relatively high credit-hour costs in 1939. It is believed in these cases that a thorough discussion of various combinations of courses will prove of value to the chairman in making out a better program for his department. Chairmen are requested to bring to the conferences any suggestions for changes in the program, rather than a schedule of proposed courses and staff, which can better be worked out after this conference.

The conference schedule is as follows:

<u>October 17</u>	<u>October 16</u>
11:30 -- Bacteriology	11:00 -- Chemistry
2:00 -- Mathematics	11:30 -- Music
2:30 -- Zoology	2:00 -- Physical Education
3:00 -- Engineering	2:30 -- Latin
3:30 -- Physics	3:00 -- Romance Languages

Conferences will be held in Mr. Nichols' office.

Will the chairmen of those departments not included in the above schedule send to Mr. Nichols' office not later than October 21 a copy of their proposed program for the 1940 summer session? It is expected that the program will follow the lines of last year, but the committee will welcome any suggestions that departments may have as to change either in types of offerings or size of staff. The suggested program will then be studied by the committee, and a conference will be necessary only in case of question on some point. Copies of the report form are enclosed.

I hope that the new procedure will make possible the preparation of the summer session program with somewhat fewer conferences than in recent years.

The summer session budget committee consists of the central committee, the dean of the division in which the department is budgeted, the head of the department, and all deans interested in the work of the department. The members of the central committee are Dean E. B. Stouffer (chairman), Dean Paul B. Lawson, Dean F. T. Stockton, Dean R. A. Schwegler, Professor H. E. Chandler, and Raymond Nichols (secretary).

I shall appreciate your help in working out our summer session program in line with the foregoing suggestions.

Sincerely yours,

DEANE W. MALOTT  
Chancellor



*Please note change of date.*

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Sincerely yours,

DEANE W. MALOTT  
Chancellor



REPORT OF THE DEPARTMENT OF PHYSICAL EDUCATION  
FOR THE SUMMER SESSION, 1939

At the meeting of the Summer Session Budget Committee last fall an item of \$145.00 was requested by the writer for the installation of floodlights on the quadrangle in front of Fowler Shops to light the playground for the Summer Session students. This item was granted, and the lights added much to the attractiveness of the recreational program.

Recreational activity on the playground was open to both young and old, and the attendance every evening was three and four times as much as last summer. Seven shuffleboard courts were kept busy every evening. Other features of the playground were croquet (for both adults and children), darts, badminton, ping-pong, archery, and the putting clock. Additional equipment for the enjoyment of the children was installed - a monkey maze for climbing, teeter-totters, horizontal bars, a sandbox, and a swing.

The competitive games included in the recreational program were softball, and golf and tennis tournaments.

The golf course was kept in excellent condition during the summer, and was even better than it has been in the past. The driving range was an added feature this summer, and met with a splendid response.

The tennis courts were kept in fine shape, and the installation of a drinking fountain near the courts proved a wonderful convenience for the players.

The swimming pool was kept open at regular hours every day during summer school with Mr. Ed Hyatt in charge for the men and Miss Irene McAdoo in charge for the women. A number of co-recreational splash parties were held in the evenings, and these were exceptionally well attended. The average attendance of women at the pool was 25, with a high of 42. For the men the average attendance was 30, with an attendance as high as 60 and 70 at the open plunge hour. Approximately 25 or 30 individuals swam during the co-recreational swimming periods.



At the request of the colored students enrolled in the Summer Session, they were permitted a co-recreational swimming hour three evenings during the summer.

Two all-school picnics were held, one at the beginning of the session and one near the close of the summer school. Both were well attended and were enjoyed by many faculty members and students and their families. At the first picnic the food and program were taken care of in Robinson Gymnasium. The second picnic was held out of doors on the quadrangle. Following this picnic the class in Community Recreation presented three one-act plays on the out-of-door stage.

Each Monday evening informal mixers were held in the Union Building, and these were exceptionally well attended. The Kansas Electric Power Company very generously loaned us several large fans which were installed for the dances. Entertainment at these mixers consisted at times of a girls' swing trio from Emporia, a male quartette of summer students, specialties by members of the band camp, and on two occasions we danced to music played by a 12-piece orchestra from the band camp. The mixers were very popular - the attendance at one of them ranging well above 300.

The new game "Goal-Hi", originated by the writer, brought us much favorable attention, and a number of games were played in the evenings by adults, by boys of 14 years of age, and by youngsters 10-12 years of age.



<u>Physical Education</u>		<u>1936</u>	<u>1937</u>	<u>1938</u>	<u>1939</u>	<u>1940</u>
P. C. Allen	Professor	---	---	---	\$600**	
V. W. Lapp	Asst. Prof.	---	---	\$300*	---	
H. R. Elbel	Asst. Prof.	---	---	---	350*	
Elizabeth Dunkel	Asst. Prof.	---	---	157.50†	---	
<b>Total</b>		---	---	\$457.50	\$950	

\* 5/8 time  
† 3/8 time  
\*\* 3/4 time

3 courses + Seminar -- 38 students -- 113 cr. hrs. -- \$8.40



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UNIVERSITY OF KANSAS

SUMMER SESSION REPORT

EIGHT WEEKS

1939



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:

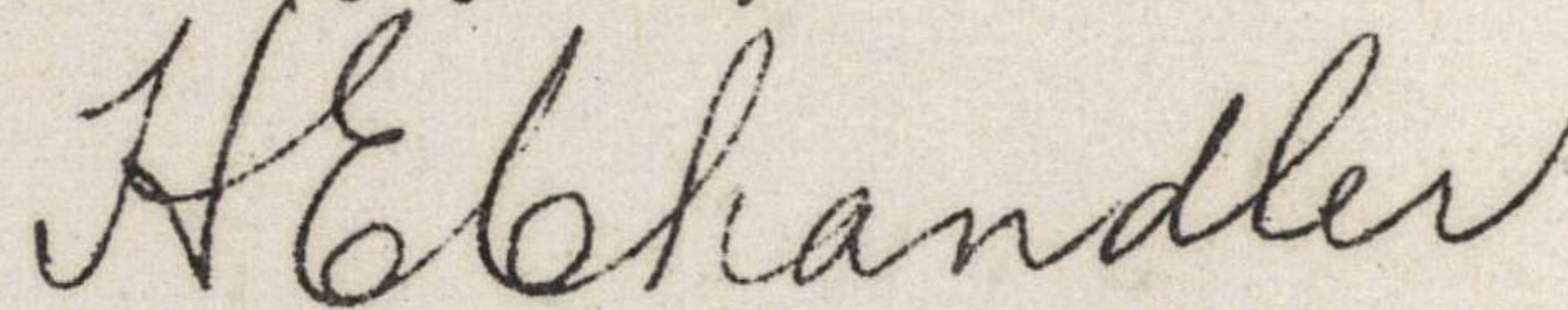
On the following pages you will find the statistical report covering the work of the 1939 Summer Session. The usual tables are included and cover the same ground as those of previous years. In the interest of brevity a few of them have been shortened slightly. If the committee wishes more detailed information on any item it will be furnished on request.

Our net enrollment increased 35 over 1938. In credit hours earned there was a slight decrease amounting to 57.5 hours. This indicates a tendency for students to decrease the size of their summer load. This would seem to be a wholesome trend and ought to result in better work. The average cost per credit hour was \$5.94 a slight decrease from the \$6.00 cost of 1938.

Most departments maintained a healthy enrollment and did not show great fluctuations from last year. The most serious situations were in the departments of chemistry, French, home economics, Latin, Spanish and zoology. The low enrollments and correspondingly high costs in these departments demand our careful scrutiny.

The activity and recreational program under the direction of Dr. Allen was very effective and elicited a fine response from the student body. Excellent musical entertainment was furnished by the faculty of the School of Fine Arts and by the Summer Music Camp. The education conference and the reading clinic were both well attended. The education forum committee brought in two speakers who presented discussions not directly related to education. These meetings were particularly well attended and interesting. One speaker furnished by the National Society for Art Appreciation presented an illustrated lecture to a good audience. The success of these three meetings indicates that there is a place for a few good lectures as part of our summer entertainment program. It is recommended that this matter receive your attention as plans for next year are made.

Sincerely yours,



Secretary of the  
Summer Session

HEC:M



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## REGISTRATION BY SCHOOLS

SUMMER SESSION 1939

<u>School</u>	<u>Men</u>	<u>Women</u>	<u>Total</u>
Graduate School . . . . .	283	176	459*
College of Liberal Arts and Sciences . .	194	165	359
School of Engineering and Architecture .	45	2	47
School of Fine Arts . . . . .	30	57	87
School of Law . . . . .	39	2	41
School of Pharmacy . . . . .	7	-	7
School of Medicine . . . . .	111	4	115
School of Education . . . . .	24	70	94
School of Business . . . . .	52	9	61
Special Summer Session . . . . .	17	22	39
Totals	802	507	1309
Duplicates:			
Graduate and Medicine . . . . .	13	-	13
College and Medicine . . . . .	22	-	22
College and Law . . . . .	1	-	1
Summer Session and Pharmacy . . . . .	7	-	7
	43	-	43
Total registrations . . . . .	759	507	1266

\*The Graduate School enrollment was 464 as 5 students registered as undergraduates were enrolled also in the Graduate School.

Enrollment for Summer Session of 1938 . . . . .	1231
Enrollment for Summer session of 1939 . . . . .	1266
Increase	35

Per cent increase 2.9



## GEOGRAPHICAL DISTRIBUTION OF STUDENTS

Kansas Counties

Allen.....	9	Greeley.....	1	Ottawa.....	2
Anderson.....	9	Greenwood.....	4	Pawnee.....	7
Atchison.....	10	Harper.....	3	Phillips.....	3
Barber.....	5	Harvey.....	8	Pottawatomie.....	4
Barton.....	11	Haskell.....	1	Pratt.....	4
Bourbon.....	7	Jackson.....	8	Rawlins.....	2
Brown.....	11	Jefferson.....	22	Reno.....	13
Butler.....	12	Jewell.....	4	Republic.....	4
Chase.....	3	Johnson.....	34	Rice.....	7
Chautauqua.....	1	Kearney.....	1	Riley.....	5
Cherokee.....	9	Kingman.....	5	Rooks.....	1
Clay.....	7	Kiowa.....	6	Rush.....	6
Cloud.....	4	Labette.....	11	Russell.....	5
Coffey.....	8	Leavenworth.....	28	Saline.....	21
Comanche.....	3	Lincoln.....	6	Scott.....	1
Cowley.....	4	Linn.....	8	Sedgwick.....	27
Crawford.....	10	Logan.....	1	Seward.....	1
Decatur.....	2	Lyon.....	12	Shawnee.....	79
Dickinson.....	11	Marion.....	12	Sherman.....	1
Doniphan.....	12	Marshall.....	7	Smith.....	6
Douglas.....	300	McPherson.....	10	Stafford.....	4
Edwards.....	2	Meade.....	1	Stevens.....	1
Elk.....	3	Miami.....	15	Sumner.....	11
Ellis.....	2	Mitchell.....	2	Thomas.....	5
Ellsworth.....	4	Montgomery.....	15	Trego.....	1
Finney.....	2	Morris.....	5	Wabaunsee.....	7
Ford.....	6	Morton.....	1	Washington.....	2
Franklin.....	29	Nemaha.....	8	Wichita.....	1
Geary.....	3	Neosho.....	12	Wilson.....	7
Gove.....	1	Norton.....	5	Woodson.....	6
Grant.....	1	Osage.....	12	Wyandotte.....	102
Gray.....	2	Osborne.....	2	Total	1119
				Total counties...	95

Other States

Alabama.....	2	Michigan.....	1	Rhode Island.....	1
Arkansas.....	5	Missouri.....	88	South Carolina...	1
Colorado.....	3	Nebraska.....	3	Texas.....	7
Connecticut.....	1	New Jersey.....	1	West Virginia.....	1
Dist. of Columbia	1	New York.....	4	Wisconsin.....	1
Florida.....	1	Ohio.....	2	Total	143
Illinois.....	6	Oklahoma.....	10		
Iowa.....	2	Pennsylvania.....	2	Total states.....	21

Other Countries

Alaska.....	2	Canada.....	1	Venezuela.....	1
					4

SUMMARY

Kansas.....	1119
Other states.....	143
Other Countries, ..	4
	<u>1266</u>



## FINANCIAL STATEMENT 1939 SUMMER SESSION

	<u>Approved in Budget</u>	<u>Expended</u>
<b>I. ADMINISTRATION</b>		
A. Summer School Administration:		
Director	\$400.00	\$400.00
Assistant Director	450.00	450.00
Clerk - half time	575.00	575.00
Office Assistance	500.00	500.04
	<u>\$1925.00</u>	<u>\$1925.04</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	-----
	<u>\$500.00</u>	<u>\$200.00</u>
Total	\$4425.00	\$4125.04
<b>II. INSTRUCTION</b>		
A. Teaching Salaries:		
Teaching on Fees (Fine Arts):	\$46049.57	\$43980.20
		2145.00
	<u>\$46049.57</u>	<u>\$46134.20</u>
B. Laboratory Assistance:		
Anatomy	\$100.00	\$100.00
Bacteriology	350.00	250.00
Botany	100.00	100.00
Chemistry	200.00	-----
Education	250.00	375.00
Entomology	100.00	100.00
Physics	175.00	100.00
Physiology	100.00	150.00
Zoology	100.00	100.00
	<u>\$1475.00</u>	<u>\$1275.00</u>
Total	\$47524.57	\$47409.20
<b>III. MAINTENANCE</b>		
Postage and Supplies	\$300.00	\$169.30
Advertising and printing	750.00	675.65
Lectures and Entertainment	600.00	156.36
Special Recreation	345.00	344.51
	<u>\$1995.00</u>	<u>\$1345.82</u>
Total	\$1995.00	\$1345.82
<u>GRAND TOTAL:</u>	\$53944.57	\$52880.06



## OPERATION OF UNION BUILDING

SUMMER SESSION 1939

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

The above cost is the same as that of last year except for the increase of \$41.68 in the salary of the manager. The Union has served the Summer Session much more effectively this year than it has in the past. 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 ball room. More students made use of the facilities than in previous years and seemed greatly pleased with the efforts made in their behalf.

In planning for the education conference for next summer it would be desirable to schedule the sessions for the Union building. This would make it possible to hold the book exhibit in the main lounge and avoid the congestion that now prevails in Fraser Hall during the conference week. There are now plenty of meeting and conference rooms in the Union to care adequately for the various discussion groups comprising the conference.



## SPECIAL RECREATION FUND

Summer Session 1939

The whole program of recreation was carried out on a larger scale than usual this year. Great praise is due Dr. F. C. Allen and his class in Principles of Community Recreation for their fine work in planning the activities. The installation of floodlights which made possible the use of archery, croquet, shuffleboard, darts and other play facilities until eight or nine o'clock in the evening greatly stimulated participation. The swimming pool was in constant use. The soft ball league functioned effectively. The improved facilities at Brown's grove installed under Dr. Allen's direction added greatly to the enjoyment of summer picnic groups. Two picnics open to all students were given. The observatory was open to all students two nights in order that students not in astronomy classes might use the telescopes. Three afternoon receptions and three hour dances were given at the Union. This fine program should be continued next year.

The budget committee allotted the sum of \$345.00 to be paid from balances in the maintenance fund for special equipment and supplies for recreational purposes. This allotment was expended as follows:

Installing, removing and storing	
floodlighting equipment . . . . .	\$187.65
Archery supplies . . . . .	35.23
Basketballs and shuttlecocks . . . . .	23.15
Softballs and bats . . . . .	22.05
Volleyballs . . . . .	21.50
Golf balls for driving range . . . . .	19.20
Lime . . . . .	12.00
Croquet sets . . . . .	2.50
Darts . . . . .	1.05
Freight . . . . .	1.30
Labor . . . . .	18.88
	<u>\$344.51</u>



STATEMENT OF RECEIPTS AND EXPENDITURES  
SUMMER SESSION ACTIVITY FUND  
Summer Session 1939

Receipts

Balance from 1938 Summer Session . . . . .	\$602.06
Received from fees . . . . .	1747.50
Received from picnic . . . . .	41.45
Total	\$2391.01

Expenditures

Memorial Union Operation . . . . .	\$571.68	
Physical Education Payroll - swimming pool, tennis courts, baseball, recreation assistance . . . . .	253.42	✓
Summer Session Kansan . . . . .	250.00	
School of Fine Arts - Concert Attractions . . . . .	225.00	
K. U. Athletic Association - Materials furnished for recreation and play program . . . . .	182.85	✓
Memorial Union Dining Room - Food and refreshments for picnics, dances, parties, and receptions . . . . .	111.43	
Campus Sing - Music, orchestra and stage . . . . .	71.28	
Special Music for Parties . . . . .	16.00	
Dept. Buildings and Grounds - Labor . . . . .	11.61	
Total	\$1693.27	
Balance on hand	\$697.82	

The above balance is the amount shown by the secretary's account on September 15, 1939. Two or three small bills not amounting to more than \$10.00 are still in process of adjustment. Two persons failed to sign the August payroll and for that reason the balance in the business office is somewhat in excess of the amount shown here.



## SUMMER SESSION

## COMPARISON OF EXPENDITURES FOR LAST FIVE YEARS

	<u>1935</u>	<u>1936</u>	<u>1937</u>	<u>1938</u>	<u>1939</u>
<b>I. ADMINISTRATION:</b>					
Director	\$340.00	\$340.00	\$400.00	\$400.00	\$400.00
Assist. Director	390.00	390.00	450.00	450.00	450.00
Clerk	545.00	545.00	560.00	575.00	575.00
Office Assistance	442.72	502.80	599.98	499.93	500.04
Sum Adm of Schools	1400.00	1400.00	1400.00	1400.00	2000.00
Service Program	100.00	200.00	200.00	240.00	200.00
	<u>\$3217.72</u>	<u>\$3377.80</u>	<u>\$3609.98</u>	<u>\$3564.93</u>	<u>\$4125.04</u>
<b>II. INSTRUCTION:</b>					
A. Teaching Salaries					
	\$35831.96	\$40677.75	\$43576.16	\$46898.36	\$46134.20
B. Laboratory Assistance					
Anatomy	-----	\$100.00	\$100.00	\$100.00	\$100.00
Bacteriology	\$300.00	300.00	300.00	250.00	250.00
Botany	100.00	100.00	100.00	100.00	100.00
Chemistry	350.00	350.00	300.00	200.00	-----
Education	203.45	199.70	249.83	250.00	375.00
Entomology	100.00	100.00	100.00	100.00	100.00
Physics	75.00	100.00	50.00	100.00	100.00
Physiology	-----	100.00	100.00	100.00	150.00
Psychology	200.00	-----	-----	-----	-----
Zoology	100.00	100.00	100.00	100.00	100.00
	<u>\$1428.45</u>	<u>\$1449.70</u>	<u>\$1399.83</u>	<u>\$1300.00</u>	<u>\$1275.00</u>
<b>III. MAINTENANCE:</b>					
Post. & supplies	\$125.05	\$204.50	\$226.09	\$290.87	\$169.30
Advert. & print.	722.20	672.45	1034.60	520.38	675.65
Lect. & entertain.	360.00	372.32	330.65	282.85	156.36
Emergency	313.87	153.47	-----	-----	-----
Spec. recreation	-----	-----	-----	109.70	344.51
	<u>\$1521.12</u>	<u>\$1402.74</u>	<u>\$1591.34</u>	<u>\$1203.80</u>	<u>\$1345.82</u>
<b>TOTAL COSTS</b>	\$41999.25	\$46993.23	\$50177.31	\$52967.09	\$52880.06
<b>TOTAL FEES</b>	<u>22296.80</u>	<u>24225.37</u>	<u>29134.32</u>	<u>30119.96</u>	<u>30447.20</u>
<b>NET COST</b>	\$19702.45	\$22767.83	\$21042.99	\$22847.13	\$22432.86



STATISTICAL COMPARISON SUMMER SESSION EXPENDITURES  
FOR PAST FIVE YEARS

Year	Enroll.	Total Sal.	Admin.	Lab. Asst.	Emerg.	Maint.
1935	1210	\$35831.96	\$3217.72	\$1428.45	-----	\$1521.12
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

SUMMER SESSION FEES FOR THE PAST FIFTEEN YEARS

Year	Incidental	Matriculation	Fine Arts	Total Fees
1925	\$23248.50	\$4565.00	\$1377.50	\$29191.00
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



## SUMMER SESSION

## Comparison of Department Costs for last Five Years

<u>Department</u>	<u>1935</u>	<u>1936</u>	<u>1937</u>	<u>1938</u>	<u>1939</u>
Anatomy	\$3.79	\$4.91	\$3.94	\$4.14	\$3.79
Bacteriology	6.71	6.28	7.13	7.34	10.88
Biochemistry	8.46	8.15	7.02	9.31	6.97
Botany	3.21	4.84	6.64	8.64	5.47
Chemistry	6.85	6.79	10.95	7.52	11.94
Design	3.61	4.60	5.19	3.08	4.95
Drawing	2.68	8.33	6.75	----	----
Economics	4.76	5.61	4.67	4.73	4.79
Education	3.75	3.68	4.83	4.70	4.67
Engineering	9.97	7.98	11.35	8.36	7.50
English	2.51	3.59	4.72	4.29	4.73
Entomology	2.96	2.92	3.58	6.02	4.12
French	9.41	12.41	13.20	----	13.80
Geology	4.53	5.52	8.12	6.31	4.72
German	5.48	10.03	13.46	9.11	4.63
History	2.72	3.38	5.74	3.90	3.21
Home Economics	9.06	7.20	4.83	7.18	5.73
Journalism	4.70	4.12	3.70	6.86	5.54
Latin	----	----	----	10.64	10.81
Law	5.45	5.53	6.48	10.93	8.84
Mathematics	4.55	8.25	7.04	8.69	7.44
Music	10.59	9.93	10.11	10.01	10.32
Physical Education	----	----	----	5.86	8.40
Physics	11.68	5.18	12.31	8.52	8.29
Physiology	7.58	4.35	6.36	5.31	5.16
Political Science	2.91	3.45	3.24	5.88	4.66
Psychology	3.35	3.13	3.59	4.35	5.49
Sociology	2.49	4.30	6.60	4.20	5.44
Spanish	8.65	11.06	7.71	12.73	13.58
Speech	5.53	4.74	5.08	6.82	5.84
Zoology	7.17	6.48	8.70	11.81	13.86



## SUMMARY OF CREDIT HOURS GAINED --- PAST FIVE YEARS

<u>Department</u>	<u>1935</u>	<u>1936</u>	<u>1937</u>	<u>1938</u>	<u>1939</u>
Anatomy	198	162	298	343.5	372
Bacteriology	210	230	211	199	135
Biochemistry	105	111	158	122	162
Botany	200	196	150	133	168
Chemistry	303	324	188	306	154
Design	136	131	91	146	121
Drawing and Painting	56	48	37	---	---
Economics	534	482	588	593	634
Education	1652	1901	1661	1974	1889
Engineering	128	165	70	124	115
English	828	815	621	669	609
Entomology	145	154	131	83	126
French	43	29	25	---	25
Geology	84	69	96	168	198
German	108	59	52	79	108
History	378	457	329	363	461
Home Economics	24	61	89	84	48
Journalism	163	186	250	146	146
Latin	---	---	---	31	20
Law	409	434	374	229	281
Mathematics	227	152	163	167	169
Music	401	492.5	511	521	498
Physical Education	---	---	---	78	113
Physics	104	225.5	101	149	193.5
Physiology	148	308	223	269	222
Political Science	218	229	256	192	198
Psychology	327	358	323	239	297
Sociology	442	246	195	306	210
Spanish	52	47	63	42	53
Speech	144	165	187	145	142
Zoology	<u>107</u>	<u>162</u>	<u>145</u>	<u>131</u>	<u>106</u>
Totals	7874	8399	7586	8031.5	7973.5



## REPORT ON ENROLLMENTS AND COSTS

## SUMMER SESSION 1939

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 two years ago the number of hours of incompleting 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	24	60
162 Lower Extremity	"		2.5	26	65
163 Abdomen and Thorax	"		3.5	19	66.5
164 Head and Neck	Ginsberg	150.00	3.5	21	73.5
187A Histology	Fletcher	360.00	2	1	2
187B Splanchnology	"		3	1	3
187 Histology and Splanchnology	"		5	6	30
189 Neurology	"		3	24	72
Laboratory Assistance	Ginsberg	100.00			
		\$1410.00	25	122	372
Cost per hour					\$3.79
<u>BACTERIOLOGY</u>					
150M Pathogenic Bacteriology	Sherwood	\$800.00	5	17	80
151 Medical Immunology	"		3	6	18
154 Diagnostic Bacteriology	Downs (3/4)	420.00	5	5	25
261 Spec. Probs. in Bacteriology	Sherwood		3-5	2	8
300 Research in Bacteriology	"		4	1	4
Laboratory Assistance	Hinton & Coriell	250.00			
		\$1470.00	22	31	135
Cost per hour					\$10.88
<u>BIOCHEMISTRY</u>					
150 Biological Chemistry	Nelson &	\$800.00	5	23	115
151 Biological Chemistry (Quan.)	Garber	330.00	3	14	42
152 Adv. Biological Chemistry	"		2	1	2
301 Biological Chem. Research	"		3	1	3
		\$1130.00	13	39	162
Cost per hour					\$6.97
<u>BOTANY</u>					
50 General Botany	Mayberry	\$340.00	5	19	95
151 Plant Ecology	Horr	480.00	3	12	36
152 Plant Physiology	"		2-3	4	11
167 Lab. Dem. in Botany	Mayberry		3	6	18
170 Botanical Problems	Horr		1-3	3	8
Laboratory Assistance		100.00			
		\$920.00	17	44	141
Cost per hour					\$5.47
<u>CHEMISTRY</u>					
3 Inorganic Chemistry	Davidson	\$580.00	4-5	7	34
49 Quantitative Analysis I	Taft	540.00	3	1	3
88 Spec. Probs. in Chemistry	Brewster (1/2)	320.00	5	1	5
151 Quantitative Analysis I	Taft		3	3	9
152 Quantitative Analysis II	"		2	1	2
161 General Organic Chemistry	Stratton (3/4)	400.25	5	4	20
171 General Physical Chemistry	Taft		5	7	35



Title of Course	Instructor	Salary	Cr Hrs	Stud	Hrs
Dept.					
<u>CHEMISTRY Con't</u>					
302 Adv. Topics in Organic Chem.	Davidson		2	4	6
312 Chemical Seminar	Brewster		2	1	2
364 Organic Preparations	Stratton		1-3	3	7
365 Organic Chem. Research	Brewster		1-3	7	10
366 Adv. Topics in Organic Chem.	"		3	5	15
376 Phys. Chem. Research	Taft		6	1	6
		\$1840.25	47	45	154
Cost per hour					\$11.94

DESIGN

2 Handcrafts	Whitney (3/4)	\$300.00	1-2	2	3
13 Design I	Jones (3/4)	300.00	3	2	6
14 Design II	"		2	1	2
21 Handcrafts	Whitney		2	6	10
22 Handcrafts	"		2	4	8
23 Art in Industry	Jones		1	7	7
23-24 Art in Industry	"		1-2	2	3
24 Art in Industry	"		1	3	3
29 Clay Modeling	Whitney		2	1	2
30 Clay Modeling	"		1	1	1
33 Design	"		3	3	9
34 Design	"		2	1	2
41 History of Art	Jones		1-2	6	10
42 History of Art	"		1	1	1
51 Handcrafts	Whitney		2	2	4
53 Art in Industry	Jones		2	1	2
83 Art in Industry	"		2	1	2
84 Art in Industry	"		2	1	2
152 Handcrafts	Whitney		2	1	2
158 Handcrafts	"		2	1	2
161 Handcrafts	"		2	1	2
162 Handcrafts	"		2	1	2
163 Design	"		1-3	2	4
164 Design	"		1-3	2	4
187 Handcrafts	"		1	1	1
193 Design VII	"		1-3	6	16
194 Design	"		3	2	6
301 Design	"		3	1	3
301C General Handcrafts	"		2	1	2
		\$600.00	63	65	121
Cost per hour					\$4.95

ECONOMICS

1 Introductory Economics	Gagliardo (3/8)	\$217.50	3	22	66
4 Economic History	Loftus (3/8)	150.00	3	11	33
5 Price and Distribution	Ise	800.00	3	15	45
9 Accounting I	Blocker	500.00	3	11	30
10 Accounting II	"		3	4	9



Title of Course	Instructor	Salary	Cr Hrs	Stud	Hrs
Dept.					
<u>ECONOMICS Con't</u>					
133 Investments	Jordan	\$570.00	3	26	78
140 Land Economics	Ise		2	16	32
150 Money and Banking	Jordan		3	21	63
152 Central Banking	"		2	9	18
166 Gov't and Inst. Accounting	Blocker		2	15	28
175 Personnel Management	Stockton (5/8)	500.00	2	28	56
186 Credit Management	Shannon (5/8)	300.00	2	24	48
194 Business Law I	"		3	28	84
292 Adv. Principles of Economics	Ise		3	11	33
300 Thesis	"		6	1	6
315 Seminar in Indust. Mgt.	Stockton		2-3	2	5
		\$3037.50	46	244	634
Cost per hour					\$4.79

EDUCATIONEducational Administration

A50 Int. to School Administration	Jacobs (7/8)	\$507.50	2	31	62
A158 Visual Education	Montgomery		2	20	40
A159-273 Adm. Small Sch & City Sch Adm	Jacobs		3	16	48
A250 Org. and Adm. of Elem Schools	Wheat	750.00	3	11	33
A254 School Hygiene	Turney	570.00	2	13	26
A271 Admin. of the Curriculum	Russell	550.00	2	4	8
A304 Seminar in Educ. Adm.	Twente	670.00	0	21	0
A374 Comparative Education	Russell		3	22	66
A375 Educational Finance	Twente		3	18	54
A378 Public School Relations	Ullrich	700.00	2	22	44
A399 Research in Educ. Adm.	Twente		2-5	9	29
A399 Research in Educ. Adm.	Althaus		4	1	4

Secondary Education

B260 Prin. Secondary Educ.	Brooks	750.00	3	16	48
B261 Adm. of Junior-Senior H. S.	"		3	17	51
B377 Probs of Sec. School Prac.	"		2	19	36

Measurement, Experimentation, Supervision

E50 Int. to Educ. Meas.	Jacobs		2	24	48
E166 Statistical Methods	Ullmer (3/4)	187.50	3	12	36
E272 Supervision of Instruction	Wheat		2	14	26
E310 Methods of Research	O'Brien	656.00	2	9	18
E352 Educational Measurements	"		3	24	69
E370 School Surveys	Twente		2	17	34
E399 Research in Educ. Meas. & Sup.	O'Brien		1-3	7	15

History of Education

H64 Survey of American Education	Ullrich		2	24	46
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Title of Course	Instructor	Salary	Cr Hrs	Stud	Hrs
Dept					
<u>EDUCATION Con't</u>					
<u>Theory and Practice of Teaching</u>					
A. General and Academic Departments					
M1 Methods of Teaching	Litchen		3	11	33
M165 Theory and Prac. of Teaching	Bayles	480.00	2	25	50
M269 Methods of Teaching in Elem. Gr.	Ullrich		3	16	48
M284 Teaching of Speech & Dram. Art	Crafton (1/4)	185.00			
	Anderson (1/8)	52.50	3	3	9
M289 Teaching of Mathematics	Ulmer		3	3	9
M291 Teaching of Social Studies	Litchen		3	8	24
M340 Modern Teaching Procedures	Bayles		3	27	81
M399 Research in Theory and Pr. of Tchng	Nash	630.00	1-5	12	31
M399 " " " " " "	Turney		2-4	3	9
M399 " " " " " "	Ulmer		2-3	2	5
M399 " " " " " "	OBrien		1	1	1
M399 " " " " " "	Bayles		3-5	4	16
M399 " " " " " "	Miessner		4	1	4
B. Special Methods in Design					
M10 Art in the Elem. School	Bush (5/8)	200.00	3	7	21
M53 Junior H. S. Art Methods	"		2	5	10
C. Special Methods in Music					
M21 Music in the Elem. School	Barnhart	425.00	3	5	15
M62 P. S. Music for Int. Grades	"		2	8	16
M64 Teaching Music in Sr. H. S.	"		2	8	16
M273 Meth. of Class Instr. in Piano	Miessner (1/4)	180.00	2	7	14
<u>Educational Psychology</u>					
P35 Essentials of Reading	Mitchell	700.00	3	15	45
P50 Educational Psychology	Bayles		3	27	81
P268 Psychology of Reading	Mitchell		2	24	48
P281 Reading & Study Lab.	"		1-2	15	29
P300 Seminar in Educ. Psychology	Nash		0	6	0
P354 Educational Clinic	"		2-5	8	28
P367 Adv. Educ. Psychology	"		3	51	150
P371 Non-Typical Child	Turney		3	27	78
P399 Research in Educ. Psychology	"		2	1	2
P399 Research in Educ. Psychology	Nash		1-3	13	25
<u>Educational Sociology</u>					
S52 Educational Sociology	Russell		2	17	34
S292 Int. to Study of Curriculum	Althaus		3	10	30
S293 Construction of Elem. Curr.	Wheat		3	7	18
S294 Construction of Sec. Sch. Curr.	Althaus		3	4	12
<u>Philosophy of Education</u>					
T268 Principles of Education	Schwegler (3/8)	300.00	2	18	36
<u>Vocational Education</u>					
V158 Vocational Guidance	OBrien		2	10	20
Assistance to Dr. Nash	Nesmith	125.00			
Laboratory Assistance	Irreg. Payroll	250.00			
Cost per hour		\$8868.50	132	779	1889 \$4.67



Title of Course	Instructor	Salary	Cr Hrs	Stud	Hrs
Dept.					
<u>ENGINEERING</u>					
CELL Surveying	Jones (3/4)	\$502.50	3	7	21
AM50a Applied Mechanics	Tait (3/4)	360.00	2	7	12
AM50b Applied Mechanics	Jones		3	9	27
AM51 Strength of Materials	Tait		4	8	32
ME150 Machine Design	"		3-5	3	14
304 Chem. Eng. Research Thesis	Marshall Stephenson		3 3	2 1	6 3
		\$862.50	23	37	115
Cost per hour					\$7.50
<u>ENGLISH</u>					
1 Rhetoric I	Barnes	\$403.00	3	15	45
2 Rhetoric II	Steele (1/2)	200.00	2	22	40
10 English Literature	Virtue (3/4)	315.00	2	18	36
11 English Literature	"		3	10	30
12 History of English Literature	Barnes		3	17	51
16 Children's Literature	Steele		2	15	30
50 Narration & Description	virtue		3	10	30
80 20th Century English Lit.	Barnes		2	8	16
160 Elem. Old English	Burnham (5/8)	272.50	3	9	27
171 American Literature I	Jenkins (5/8)	193.75	3	24	69
173 18th Century Eng. Literature	"		2	10	18
174 18th Century Eng. Literature	Nelson	770.00	3	7	21
175 Early 19th Century Prose	"		2	8	16
188 The English Novel	Lynn (3/8)	227.50	3	12	33
191 Studies in Modern Drama	Hankins	500.00	3	24	72
303 Int. to Comp. Literature	"		3	7	21
324 Investigation and Conference	"		2-3	4	10
324 Investigation and Conference	Nelson		2-4	5	14
324 Investigation and Conference	Burnham		2-3	4	10
325 Thesis	"		5	1	5
325 Thesis	Nelson		5	1	5
325 Thesis	Virtue		2-3	2	5
325 Thesis	Hankins		5	1	5
		\$2881.75	51	234	609
Cost per hour					\$4.73
<u>ENTOMOLOGY</u>					
1 Biology of Insects	Doering	\$420.00	5	15	75
162 Biological Survey	Beamer		5	2	10
163 Field Entomology	Doering		3-6	8	41
Laboratory Assistance	Forbes	100.00			
		\$520.00	16	25	126
Cost per hour					\$4.12
<u>GEOLOGY</u>					
3a Principles of Geography	Posey	\$545.00	3	17	51
4 Economic Geography	"		2	21	42
53 World Geography	"		3	9	27



Title of Course	Instructor	Salary	Cr Hrs	Stud Hrs	Hrs
Dept.					
<u>GEOLOGY Con't</u>					
159 Field Geology	Schoewe (3/4)	\$401.25	5	11	55
301 Research in Geology	Landes		5-8	4	23
		\$946.25	21	62	198
Cost per hour					\$4.72
<u>GERMAN</u>					
1 Elementary German	Holske	\$500.00	5	17	85
2 German Reading and Grammar	"		5	4	20
308 Thesis			3	1	3
		\$500.00	13	22	108
Cost per hour					\$4.63
<u>HISTORY</u>					
3 Modern Europe	Realey	\$480.00	5	32	160
151 Roman History	Patterson	600.00	3	14	42
154 Italian Renaissance	"		3	15	45
155 Protestant Revolt	"		2	15	30
161 British Empire	Realey		3	16	48
180 American Colonies & Rev.	Paullin	400.00	3	21	63
181 United States 1783-1829	"		3	21	60
306 Seminar in American History	"		2-6	4	13
		\$1480.00	28	138	461
Cost per hour					\$3.21
<u>HOME ECONOMICS</u>					
3a Food and Nutrition	Tissue (5/8)	\$275.00	3	12	36
76 Standards of Living & Family Finance	"		2	6	12
		\$275.00	5	18	48
Cost per hour					\$5.73
<u>JOURNALISM</u>					
11 Newspaper in Society	Flint	\$710.00	2	10	18
162 Magazine Writing	"		2-3	11	29
180 Elements of Advertising	"		3	21	63
193 History of American Journalism	Kistler (1/4)	100.00	2	17	34
300 Seminar in Hist. of Journalism	Flint		1	1	1
310 Thesis	"		1	1	1
		\$810.00	12	61	146
Cost per hour					\$5.54
<u>LATIN</u>					
15 College Review of Latin	Lowrance (5/8)	\$216.25	5	4	20
		\$216.25	5	4	20
Cost per hour					\$10.81
<u>LAW</u>					
Equity I	Davis (1/2)	\$250.00	2	7	14
Labor Law	Smith (3/4)	375.00	1-3	20	46



Title of Course	Instructor	Salary	Cr Hrs	Stud	Hrs
Dept.					
<u>LAW</u> Con't					
Oil and Gas	Lesar (3/4)	\$281.25	3	14	42
Business Units	Tupy (3/4)	328.12	3	20	57
Procedure I	Brockelbank (3/4)	375.00	3	11	33
Code Pleading	Moreau (1/2)	250.00	2	17	32
Criminal Law	Viesselman	625.00	3	13	39
Agency	"		2	9	18
		\$2484.37	19	111	281
Cost per hour					\$8.84
<u>MATHEMATICS</u>					
2a College Algebra	Bell (5/8)	\$212.50	3	5	15
2b College Algebra	"		3-5	9	41
3 Trigonometry	Smith	600.00	2	7	14
4 Analytical Geometry I	Wheeler (3/4)	382.50	2	6	12
10 Math. Theory of Invest.	"		2	11	22
153 Modern Analytical Geometry	Smith		2	5	10
158 Advanced Algebra	"		3	7	21
163 Math. Theory of Statistics	Wheeler		2	7	12
164 Field Work in Mathematics	Ulmer (1/4)	62.50	2	9	16
303 Special Topics in Math.	Smith		1-2	2	3
Thesis	"		3	1	3
		\$1257.50	28	69	169
Cost per hour					\$7.44
<u>MUSIC</u>					
151 Counterpoint I	Anderson	\$544.00	2	3	6
152 Counterpoint II	"		2	1	2
287 Instrumentation	"		2	19	38
288 Instrumentation	"		2	17	34
Organ	"		2	2	4
Piano	Conger	80.00	0-2	7	4
Violin	Eitner	180.00	0-3	15	9
Brass Instruments	Gaston	64.00	1	4	4
String Ensemble	Kuersteiner	148.00	1	2	2
Violin	"		0-1	3	1
Summer Session Orchestra	Lawson	100.00	$\frac{1}{2}$ -1	8	4.5
313 Organization of School Music	Miessner (3/4)	540.00	3	29	84
323 Seminar	"		2	10	20
Thesis	"		1-2	3	4
Voice	Moncrieff	280.00	0-3	10	13
Voice	Moore	168.00	0-2	12	12
5 Keyboard Harmony I	Orcutt	154.00	1	1	1
6a Keyboard Harmony II	"		1	1	1
26a Keyboard Harmony	"		1	1	1
Piano	"		0-1	7	4
Thesis	"		2	1	2
Voice	Peabody	144.00	0-1	6	5
6 Harmony II	"		2	2	2



Title of Course		Instructor	Salary	Cr Hrs	Stud	Hrs
Dept.						
<u>MUSIC</u> Con't						
71	History of Music I	Skilton	\$780.00	3	14	42
153	Composition	"		2	2	4
155	Form and Analysis	"		2	4	8
156	Form and Analysis	"		2	5	10
281	Double Counterpoint & Canon	"		2	1	2
282	Canon and Fugue	"		2	1	2
341	History of Music	"		3	1	3
342	History of Music	"		3	2	6
387	Instrumentation	"		3	1	3
21	Sight Singing & Ear Training	Stuhl	68.00	1	2	2
22	Sight Singing & Ear Training	"		1	2	2
15	Orchestral Instruments	"		2	2	4
	Violoncello	"		0-1	9	5
	Summer Session A Cap. Choir	Swarthout (5/8)	500.00	0- $\frac{1}{2}$	17	7.5
	Piano	"		0-1	3	2
165	Choral Rep. and Adv. Conducting	"		2	21	40
	Thesis	"		3	1	3
	Piano	Taylor	512.00	0-3	19	18
	Band	Wiley	461.33	0-1	6	4
	Band Instruments (Private)	"		1	3	2
16	Orchestral Instruments	"		2	4	8
36	Orchestral Instruments	"		2	2	4
169	Band and Orch. Methods	"		2	23	46
	Voice	Wilkins	416.00	0-2	13	11
	Thesis	"		2	1	2
			\$5139.33	715	323	498
						\$10.32

Note: Music fees collected by the Business Office amounted to \$2112.20. Fees paid to instructors listed above totaled \$2154.00. Collections lacked \$41.80 of paying fees due instructors. Students taking work without credit were enrolled with above instructors as follows: Conger, 5; Eitner, 10; Kuersteiner, 2; Lawson, 1; Moncrieff, 2; Moore, 3; Orcutt, 3; Peabody, 1; Stuhl, 4; Swarthout, 2; Taylor, 8; Wiley, 1; Wilkins, 6; total, 48.

PHYSICAL EDUCATION

100	Community Recreation	Allen (3/4)	\$600.00	3	13	39
200	Theory and Practice of Athletics	"		3	16	48
300	Special Problems in Phys. Educ.	Elbel (5/8)	350.00	2-3	3	8
312	Seminar in Physical Educ.	"		3	6	18
			\$950.00	12	38	113
Cost per hour						\$8.40

PHYSICS & ASTRONOMY

6a	Physics	Rice	\$520.00	5	12	60
6b	Physics	Kester	740.00	5	9	45
151	Light Theory & Op. Inst.	Rice		3	4	12
156	Electrical Measurements	"		1-3	9	13.5



Title of Course	Instructor	Salary	Cr Hrs	Stud	Hrs
Dept.					
<u>PHYSICS &amp; ASTRONOMY Con't</u>					
163 Physics Colloquium	Kester		1	1	1
302 Thermodynamics	"		3	3	9
307 Research and Thesis	"		7	1	7
307 Research and Thesis	Stranathan		1	1	1
12 Descriptive Astronomy	Storer (1/2)	\$245.00	3	15	45
Laboratory Assistance		100.00			
		\$1605.00	30	55	193.5
Cost per hour					\$8.29
<u>PHYSIOLOGY</u>					
50 Human Physiology	Walling (3/8)	\$157.50	3	22	66
170 Medical Physiology	Woodard	540.00	5	10	50
271 Medical Physiology	"		5	22	100
300 Research in Physiology	Stoland	300.00	1-5	2	6
Laboratory Assistance	Dearborn & Swan	150.00			
		\$1147.50	18	56	222
Cost per hour					\$5.16
<u>POLITICAL SCIENCE</u>					
10 American Government	Maddox	\$420.00	3	14	42
98 Senior Seminar	"		2	1	2
110 American Constitution	Chubb	500.00	2	15	30
150 Municipal Government	Maddox		3	6	18
152 National Administration	Chubb		2	10	20
153 Political Parties	Maddox		2	8	16
164 International Relations	Chubb		3	18	54
304 Graduate Seminar	"		5	1	5
306 Thesis	"		5	1	5
306 Thesis	Sandelius		6	1	6
		\$920.00	28	75	198
					\$4.66
<u>PSYCHOLOGY</u>					
1 General Psychology	Morrison	\$570.00	3-5	9	41
1a General Psychology	"		3	15	45
1b General Psychology Lab.	Varvel	280.00	2	6	12
151 Normal and Delinquent Child	Morrison		3	26	78
159 Psychology of Learning	Wheeler	780.00	3	19	57
165 Psychological Clinic I	Varvel		2-3	3	7
168 Advanced Psychology	Wheeler		2-3	6	18
168 Advanced Psychology	Morrison		2-3	3	8
169 Advanced Psychology	Wheeler		2-3	4	10
304 Thesis	"		3	1	3
304 Thesis	Morrison		2	1	2
305 Spec. Topics in Psychology	"		4	1	4
305 " " " "	Varvel		3	1	3
305 " " " "	Wheeler		2-4	3	9
		\$1630.00	24	98	297
Cost per hour					\$5.49



Title of Course	Instructor	Salary	Cr Hrs	Stud	Hrs
Dept.					
<u>ROMANCE LANGUAGES</u>					
<u>French</u>					
165 Modern French Drama	Carman (3/4)	\$345.00	3	5	15
309 French Lit. of 16th Cent.	"		3	3	9
314 Thesis	"		1	1	1
<u>Spanish</u>					
153 Modern Spanish Literature	Shoemaker	720.00	3	1	3
163 19th Century Drama	"		3	5	15
300 Seminar	"		2	3	6
302 The Drama Before Lope de Vega	"		3	5	15
314 Thesis	"		4-5	2	9
314 Thesis	Osma		5	1	5
		\$1065.00	23	26	78
Cost per hour					\$13.65
<u>SOCIOLOGY</u>					
50 Elements of Sociology	Knowles	\$400.00	3	19	57
155 Psychological Sociology	Smith (3/4)	367.50	3	10	30
160 The American Indian	Knowles		1-2	8	15
167 Population Problems	Smith		3	10	30
171 Primitive Society	Knowles		3	11	30
173 Int. to Social Case Work	Eldridge (5/8)	375.00	3	7	21
174 Social Control	"		2	11	22
300 Seminar in Sociology	"		3	1	3
Thesis	Smith		2	1	2
		\$1142.50	24	78	210
Cost per hour					\$5.44
<u>SPEECH</u>					
1 Principles of Speech (2 Sec)	Anderson (7/8)	\$367.50	2	26	52
150 Speech Correction	"		2	15	30
151 Int. to Theater Arts	Crafton (5/8)	462.50	3	12	36
154 Theory and Prac. of Directing	"		3	8	24
		\$830.00	13	61	142
Cost per hour					\$5.84
<u>ZOOLOGY</u>					
1 General Zoology	Lane	\$800.00	5	12	55
3 Comparative Anatomy	Taylor	570.00	5	2	10
159 Animal Distribution	"		2	7	14
301 Fundamental Concepts	Lane		4	5	20
305 Graduate Seminar	"		2-3	3	7
Laboratory Assistance	McNair	100.00			
		\$1470.00	19	29	106
Cost per hour					\$13.86



SUMMARY OF HOURS OF WORK INCOMPLETE, FAILED, AND  
WITHDRAWN IN EACH DEPARTMENT 1939 SUMMER SESSION

<u>Department</u>	<u>Incomplete</u>	<u>Failure</u>	<u>Withdrawn</u>
Anatomy	0	0	0
Bacteriology	9	0	5
Biochemistry	5	0	0
Botany	8	5	0
Chemistry	6	5	2
Design	0	0	2
Economics	6	12	8
Education	90	2	18
Engineering	0	0	2
English	30	0	12
Entomology	3	0	0
Geology	55	2	0
German	0	0	0
History	3	23	3
Home Economics	0	0	0
Journalism	1	2	5
Law	3	5	5
Mathematics	3	19	4
Music	11	.5	12.5
Physical Education	0	0	0
Physics	8	30	3
Physiology	1	10	10
Political Science	14	5	0
Psychology	3	0	0
Romance Languages	15	0	0
Sociology	2	0	3
Speech	0	0	0
Zoology	0	5	5
Total	276	125.5	99.5



## 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	25	0	329	43	122	372	\$3.99
Bacteriology	1220.00	250.00	22	0	110	30	31	135	10.88
Biochemistry	1130.00	-----	13	0	135	27	39	162	6.97
Botany	820.00	100.00	17	0	107	61	44	168	5.47
Chemistry	1840.25	-----	36	37	66	53	45	154	11.94
Design	600.00	-----	63	69	36	18	65	121	4.95
Economics	3037.50	-----	46	189	317	136	244	634	4.79
Education	8493.50	375.00	132	114	516	1277	779	1889	4.67
Engineering	862.50	-----	23	21	87	9	37	115	7.50
English	2881.75	-----	51	236	159	226	234	609	4.73
Entomology	420.00	100.00	16	75	48	3	25	126	4.12
Geology	946.25	-----	21	93	82	23	62	198	4.72
German	500.00	-----	13	105	0	3	22	108	4.63
History	1480.00	-----	28	160	129	175	138	461	3.21
Home Economics	275.00	-----	5	36	12	0	18	48	5.73
Journalism	810.00	-----	12	20	113	18	61	146	5.54
Latin	216.25	-----	5	20	0	0	4	20	10.81
Law	2484.37	-----	19	0	286	0	111	281	8.84
Mathematics	1257.50	-----	28	104	13	56	69	169	7.44
Music	5139.33	-----	71.5	115.5	124	271	323	498	10.32
Phys. Educ.	950.00	-----	12	0	42	71	38	113	8.40
Physics	1505.00	100.00	30	150	14	32.5	55	193.5	8.29
Physiology	997.50	150.00	18	0	156	76	56	222	5.16
Pol. Science	920.00	-----	28	42	101	55	75	198	4.66
Psychology	1630.00	-----	24	98	112	87	98	297	5.49
Romance Lang.	1065.00	-----	23	0	9	69	26	78	13.65
Sociology	1142.50	-----	24	0	165	48	78	210	5.44
Speech	830.00	-----	13	52	64	26	61	142	5.84
Zoology	1370.00	100.00	19	70	4	37	29	106	13.86
Totals	\$46134.20	\$1275.00	837	1806.5	3336	2930.5	2989	7973.5	
Cost per hour				\$3.68	\$5.52	\$7.36		\$5.94	