

# UNIVERSITY OF MICHIGAN OFFICIAL PUBLICATION

VOL. 41 NO. 97

JUNE 1, 1940

---

## Report of The Registrar of the University 1938-39

Reprinted from The President's Report  
for 1938-39, University of Michigan

ANN ARBOR, MICHIGAN  
PUBLISHED BY THE UNIVERSITY

## THE REGISTRAR OF THE UNIVERSITY

*To the President of the University:*

SIR—I have the honor to present the report of the Registrar for the year 1938-39.

Certain problems and procedures which affect all units of the Registrar's Office will be mentioned first and the remainder of the report will be in four parts, one for each division of the office: admissions, records, statistics, and editorial.

*Personnel.*—In August, 1938, Mr. Edward Stevens Rice, A.M., Assistant to the Registrar, was added to the staff of the Records Division. Mrs. Ione Hendrian, of the Records Division, resigned, effective June 30, 1939, and was succeeded by Mr. Robert August Duval, A.M., effective July 1, 1939. Miss Helen Travis continued her work in the office of Alumni Relations on the University of Michigan encyclopedia. Mrs. Anne Withrow continued on the staff in the Editorial Division as a substitute for Miss Travis. Mrs. Lois Clever, of the Admissions Division, was transferred, effective June 30, to the office of the Academic Counselors in the College of Literature, Science, and the Arts. Her position in the Admissions Office has as yet not been filled, leaving one vacancy. Mr. Walter Donnelly, of the Editorial Division, continues to give some time to the work on the encyclopedia.

*Enrollment.*—The enrollment of the University was larger during the 1938-39 session than ever before. Further details of enrollment statistics will be given in the report of the Statistical Division. The increasing enrollment of the University continues to add problems to all units of the University, including the Registrar's Office.

*Co-operation with secondary schools and other units.*—Every effort is made to continue the close cordial relationship between the University and the secondary-school principals of the State. High-school principals who have freshmen enrolled in the University are sent a complete report of the tests given during the Orientation Period, showing scores made by individual students entering from their high schools. Reports are also sent to the principals at the end of the first semester and at the end of the year, giving the scholastic success of their students in the freshman class. In addition, the five-week reports of freshmen the first semester are tabulated and made available for the use of the Freshman-Principal Conference. This conference is discussed in more detail in a later section. Principals of the State are also sent other bulletins and reports from the office which will keep them informed of the policies of the University of interest to themselves and to their students.

Membership in the usual professional organizations is maintained for the contribution they make in this connection.

The sending of freshmen to the University of Michigan by the high-school principals should be highly praised, for it shows their close interest in their students after high-school days and their ever willingness to co-operate

with the University and other educational institutions in the State to the end that the transition period between high school and college may be made as simple as possible.

The Office has been represented at more than fifty meetings and conferences, during the year, with a view toward assisting, in any possible way, the closer relationships needed between the University and other educational units of the State.

*Use of automatic equipment.*—During the year the Statistical Division has expanded its use of tabulating cards to handle grade reports for students in the College of Literature, Science, and the Arts, to prepare many of the reports sent high-school principals of the State, to secure copy for the official student directory of the University, and otherwise to facilitate the work of all divisions of the office. In addition experiments have been conducted with a view toward posting the summary personnel records of the Dean of Students as well as those of the Dean of Women. At the present time different procedures are being employed each semester in this connection until the wisest procedure to follow can be established.

*Analyses of problems.*—Each division of the office has been able to devote some time to an analysis of one or more problems of an educational nature which occur to the individuals in the various units. These studies are of value not only to the office in itself but to the Schools and Colleges, as well as to administrative offices of the University.

*General correspondence.*—Requests and inquiries from individuals, high schools, and colleges, which reach the Registrar's Office direct through the mail or are referred from other campus offices, have continued to be numerous and, in fact, increase each year. These are mostly in regard to courses, requirements, living conditions, student aid, and expense. The duplex envelope, which carries a first-class personal message as well as official publications of the University, has proved adequate in caring for these requests. Through the co-operation of the Dictaphone Station and the Mailing Room, replies are sent very promptly. During the year approximately 40,000 duplex envelopes were used in the Registrar's Office in distributing the University official publications. The expenditure for communication was \$1,991.47. This was mostly for postage, only a very small amount for telephone and telegraph messages.

*NYA assistance.*—During the year, the office in its various branches has been served by 45 NYA students and has accomplished much which could not have been done without this assistance.

#### ADMISSIONS DIVISION

*Admission requirements.*—The entrance regulations approved by the Board of Regents on December 14, 1934, are the only ones which have been in force since September, 1937. However, as a decided change was made in the regulations set up by the College of Literature, Science, and the Arts, the students who have entered that College under the new regulations, whose high-school programs would not have qualified them for admission under

the old, are of particular interest. There were thirty-nine students in this group in the class entering in September, 1938.

In September, 1935, the first year in which the new regulations were in force, there were twenty-one students in the group. The history of these students is as follows: six were graduated in June, 1939, at the end of four years; four are still in residence, three with satisfactory standing and one on probation; four withdrew while in good standing and two withdrew while on probation; five were requested to withdraw because of poor scholarship.

*Freshman admissions.*—The policy and procedure of the past few years have been continued. To permit a more careful study of each application as well as to advise the student when necessary with regard to a change in program to meet the entrance requirements, it has been suggested to students that although they may submit their applications at the end of the junior year, they are urged to submit them at the end of the first semester of the senior year. The results have been gratifying, for each succeeding year a larger number of the applications are received by June 1.

There has also been an increase in the number of letters received in the autumn from both high-school principals and prospective freshmen concerning high-school programs in relation to entrance requirements of the University.

*Freshman deficiencies.*—Freshmen may now enter only the Colleges of Engineering and of Pharmacy, and the curriculum of architecture in the College of Architecture with entrance deficiencies. Of the 436 freshmen entering the College of Engineering in September, 82 entered with deficiencies, with only a few entering other colleges with such deficiencies.

*Comparative rating of Michigan and non-Michigan freshmen.*—The high-school averages and the averages of the freshmen at the University of Michigan, by students entering from Michigan and from non-Michigan schools, are grade-point averages, with A equal to 4 points; B, 3; C, 2; D, 1; and E, 0. The averages given in the table below are for the entire freshman class entering in September, including freshmen in all curricula.

Statistically these figures show no significant difference in the scholastic accomplishments in the high school of the students comprising the freshman classes from 1930 through 1938, nor is there any significant difference between the groups from Michigan and non-Michigan high schools.

CLASS ENTERED SEPTEMBER	NUMBER OF STUDENTS	HIGH-SCHOOL AVERAGE		UNIV. MICH. FIRST SEMESTER AVERAGE		UNIV. MICH. FIRST YEAR AVERAGE	
		Mich.	Non-Mich.	Mich.	Non-Mich.	Mich.	Non-Mich.
1930	1,337	2.87	2.50	2.27	2.28	2.37	2.38
1931	1,195	2.96	2.52	2.36	2.29	2.38	2.31
1932	1,054	2.96	2.53	2.38	2.35	2.42	2.37
1933	1,301	2.94	2.55	2.37	2.35	2.42	2.35
1934	1,477	2.99	2.66	2.26	2.33	2.31	2.35
1935	1,484	3.03	2.72	2.24	2.34	2.30	2.38
1936	1,665	3.03	2.77	2.25	2.35	2.29	2.36
1937	1,660	3.07	2.81	2.32	2.36	2.37	2.37
1938	1,616	3.09	2.86	2.36	2.36	2.44	2.45

*Prognostic rating.*—Concerning the selection of the freshman class, on the acceptance of each student for admission a prediction of the probable degree of his success in the University is made. These predictions divide the freshman class into three groups, as follows: the A-1 group, which should do superior work; the A-2 group, which should do at least average work; and the A-3 group, which may have some scholastic difficulty. The table below gives the results of the predictions for the freshman class for the last four years, including freshmen in all colleges and divisions who completed the work of the first semester.

These ratings are made on the information contained in the application blanks. The results of the scholastic-aptitude test and the English-content examination given all freshmen during their first week on the campus are not available at the time the predictions are made.

The various officers interested in personnel work with the freshmen are continuing to use the information on the admission blanks, the rating given

GROUP YEAR	A		B		C		D		E		INC.	
	Hours	Per Cent	Hours	Per Cent	Hours	Per Cent	Hours	Per Cent	Hours	Per Cent	Hours	Per Cent
A-1 1935-36..... (364 students)	1,239	55.5	2,260	38.6	1,716	18.0	189	7.5	47	4.2	111	22.9
A-1 1936-37..... (346 students)	1,265	54.8	2,204	31.8	1,504	14.2	175	6.0	14	1.2	103	15.3
A-1 1937-38..... (240 students)	997	41.2	1,662	24.1	873	8.2	56	2.1	7	.8	65	14.0
A-1 1938-39..... (313 students)	1,313	49.8	2,078	29.1	1,219	11.8	103	4.4	32	3.0	47	14.3
A-2 1935-36..... (601 students)	773	34.6	2,608	44.5	4,279	44.7	941	37.3	356	32.0	122	25.2
A-2 1936-37..... (656 students)	752	32.6	3,115	44.9	4,612	43.5	988	33.9	248	22.0	262	38.9
A-2 1937-38..... (748 students)	1,173	48.5	3,544	51.3	5,204	48.8	964	35.5	227	25.5	193	41.6
A-2 1938-39..... (759 students)	1,037	39.3	3,544	49.7	5,434	52.7	1,035	44.0	357	33.7	123	37.3
A-3 1935-36..... (489 students)	220	9.9	994	17.0	3,568	37.3	1,395	55.2	711	63.8	252	52.0
A-3 1936-37..... (629 students)	293	12.7	1,614	23.3	4,493	42.4	1,752	60.1	867	76.8	308	45.8
A-3 1937-38..... (622 students)	248	10.3	1,697	24.6	4,587	43.0	1,694	62.4	657	73.7	206	44.4
A-3 1938-39..... (519 students)	289	10.9	1,512	21.2	3,661	35.5	1,215	51.6	669	63.2	159	48.4

the student with regard to probable success, and the results of the scholastic-aptitude test and the English-content examination. The academic counselors for freshmen and sophomores in the College of Literature, Science, and the Arts were given a separate office in September so that they no longer hold their consultations with freshmen in this office.

*Freshman enrollment.*—Permits to register were issued to 1,926 prospective freshmen for the first semester of 1938–39. Of this number 1,609 actually registered, 1,127 men and 482 women, showing a decrease of 51 over the 1937 enrollment when 1,080 men and 580 women registered. This represents a slight increase in the freshman enrollment in all of the Schools and Colleges with the exception of the College of Literature, Science, and the Arts and the Curriculum in Physical Education in the School of Education, in which there was a decrease.

The following table gives the number of freshmen who registered in September, 1938, and in February, 1939, in the various Schools and Colleges:

SCHOOLS AND COLLEGES	MICHIGAN HIGH SCHOOLS			NON-MICHIGAN HIGH SCHOOLS			TOTAL		
	Men	Women	Total	Men	Women	Total	Men	Women	Total
L., S., & A. ....	303	224	527	359	204	563	662	428	1,090
Engineering .....	163	...	163	289	2	291	452	2	454
Architecture .....	9	13	22	11	9	20	20	22	42
Pharmacy .....	3	1	4	5	1	6	8	2	10
Dental Hygiene .....	...	11	11	...	2	2	...	13	13
Education .....	12	6	18	5	6	11	17	12	29
Music .....	12	12	24	12	12	24	24	24	48
Total* .....	502	267	769	681	236	917	1,183	503	1,686

\* Total Refunds Included

L., S., & A. ....	3	1	4	1	..	1	4	1	5
Engineering .....	..	..	..	1	..	1	1	..	1
Education .....	..	..	..	1	..	1	1	..	1
Total .....	3	1	4	3	0	3	6	1	7

*Geographical distribution.*—In the freshman class of 1938–39, 38 states, the District of Columbia, and 20 countries outside continental United States were represented. The registration from these countries was as follows: Canada, 14; Canal Zone, 3; China, 1; Hawaii, 1; and Puerto Rico, 1. From the state of Michigan the registration was 806, or 48 per cent of the class that entered. This is the number living in Michigan, not the number entering from Michigan high schools, which is slightly smaller. The other states sending large delegations are as follows: New York, 308; Illinois, 129; Ohio, 116; Pennsylvania, 65; New Jersey, 47; Indiana, 46; and Massachusetts, 18.

*Number of students per each secondary school.*—Of the 623 accredited high schools in Michigan, 189 were represented by the freshmen who entered for the first semester of 1938–39. Of the high schools outside of Michigan, 524 were represented by the freshman class for the first semester. Schools represented by only 1 student numbered 454, whereas each of 103 schools was represented by only 2 students. The total number of schools represented was 713. As usual, the largest delegation, which numbered 80, entered from the Ann Arbor High School.

*Congratulatory letters to parents and principals.*—We have continued the practice adopted in 1931 of sending congratulatory letters to parents of freshmen who had notably good records for the first semester. Copies of these letters were sent to the principals of the high schools from which the students were graduated.

We have also continued the practice adopted in 1932 of mailing congratulatory letters to high-school principals sending unusually good delegations of three or more students, based on the grades of the first semester. These letters are, of course, in addition to the usual reports of grades for the first semester, which have been sent to the principals regularly for a considerable number of years.

For the first time the following award was made:

This is to certify that, among the groups of students entering the University of Michigan in the year 1938-39, from the high schools of the State of Michigan, the group from the Lincoln High School of the Ferndale-Pleasant Ridge School District consisting of the following freshmen—Jack William Mann, Raymond Milton Robinson, Rosebud Scott, Jesse Bowdle Wright—by its combined record has received first honors for excellence in scholarship during the first semester of resident study.

The Registrar's Office plans to make a similar award each year.

*Freshman grades.*—A study of freshman grades for September entrants shows the following:

SCHOOLS AND COLLEGES	NO. STUDENTS GRADED	FIRST SEMESTER, 1938-39							GRADE-POINT AVERAGE*
		SEMESTER HOURS							
		A	B	C	D	E	IX	TOTAL	
L. S., and A. Per Cent	1,024	1,559	4,461	6,706	1,505	639	187	15,057	2.32
Engineering Per Cent	426	884	2,126	2,720	616	332	143	6,821	2.39
Pharmacy Per Cent	9	23	29	74	13	8	...	147	2.31
Dental Hygiene Per Cent	12	15.6	19.7	50.3	8.8	5.4	...	163	2.18
Architecture Per Cent	39	3.1	34.4	46.6	9.8	6.1	...	610	2.31
Education Per Cent	23	56	179	223	55	34	63	341	1.96
Music Per Cent	46	9.2	29.3	36.6	9.0	5.6	10.3	711	2.43
Total Per Cent	1,579	2,641	7,114	10,288	2,337	1,058	412	23,850	2.34
		11.1	29.8	43.1	9.8	4.4	1.7		
		SECOND SEMESTER, 1938-39							
L. S., and A. Per Cent	971	1,672	4,608	6,541	1,125	252	178	14,376	2.45
Engineering Per Cent	414	1,027	1,790	2,377	670	295	150	6,309	2.42
Pharmacy Per Cent	9	16.3	28.4	37.7	10.6	4.7	2.4	141	2.46
Dental Hygiene Per Cent	11	30	39	37	21	8	6	173	2.45
Architecture Per Cent	39	21.3	27.7	26.2	14.9	5.7	4.3	617	2.17
Education Per Cent	22	8	67	92	6	...	...	335	2.11
Music Per Cent	48	4.6	38.7	53.2	3.5	...	...	651	2.45
Total Per Cent	1,514	2,873	6,969	9,698	2,026	616	420	22,602	2.43
		12.7	30.8	42.9	9.0	2.8	1.9		

\* The scale used in figuring averages follows: A-4 points; B-3 points; C-2 points; D-1 point; E-0 points; IX-disregarded.

*Withdrawals.*—The dates and reasons for the withdrawals of any freshman entrants of September, 1938, and February, 1939, are contained in the following table:

ANALYSIS OF FRESHMAN WITHDRAWALS BY CAUSE AND DATE\*  
September, 1938—June, 1939

CAUSE OF WITHDRAWAL	L., S., & A.	Eng.	Pharm.	Dent. Hyg.	Arch.	Ed.	Nurs.	Music	Total
1. Home action									
February—Home	21	4	..	..	..	..	8	..	33
February—Home but immediately reinstated	35†	14†	..	..	..	..	..	..	49
June—Home	62	36	..	..	1	3	..	..	102
June—Home but immediately reinstated	1	7	..	..	..	..	..	..	8
2. Not to return without the consent of the Administrative Board									
February	5	..	..	..	..	..	..	..	5
June	5	..	..	..	..	..	2	..	7
Other times	9	..	..	..	..	..	..	..	9
3. Ill health	14	4	..	1	..	1	..	1	21
4. Financial difficulties	5	6	..	..	1	..	..	..	12
5. To attend school elsewhere	2	..	..	..	..	..	..	..	2
6. Family illness and need	..	..	..	..	..	..	1	..	1
7. Employment	1	1	..	..	..	..	1	..	3
8. Not specified—average less than "C" for final semester	4	5	1	1	2	..	1	..	14
9. Not specified—satisfactory average, final semester	8	5	..	..	..	1	4	..	18
10. Transfers within the University‡	8	8	..	..	..	1	1	2	20
Total	180	90	1	2	4	6	16	5	304
Duplicates	20	11	..	..	..	..	..	..	31
Net Total Withdrawals	160	79	1	2	4	6	16	5	273

\* Withdrawals in June which were not accompanied by a "Home" or "N.T.R." action have been disregarded. Students who withdrew during the first semester and re-entered the same school the second semester have also been disregarded.

† In February, 35 freshmen in the College of Literature, Science, and the Arts and 14 freshmen in the College of Engineering received a "Home" action because of poor scholarship. For certain reasons they were allowed to enroll for the second semester with the understanding that, unless they were able to make a "C" average and no "E" grades during the semester, they would be required to withdraw permanently in June. In June we find the following action taken:

<i>L., S., and A.</i>	
1. No action (transfer)	1
2. Home	15
3. Probation continued	13

<i>Engineering</i>	
1. Home	10
2. Withdrew during semester	1
3. Probation raised	3
4. Withdrew during semester	4
5. Action deferred	2

‡ Includes February transfers as follows:

Lit., Eng.	4
Lit., Arch.	2
Lit., Ed.	1
Lit., Music	1
Eng., Lit.	5

Eng., Arch.	2
Eng., Ed.	1
Ed., Lit.	1
Nurs., Music	1
Music, Lit.	2



DATE OF WITHDRAWAL	L., S., & A.	Eng.	Pharm.	Dent. Hyg.	Arch.	Ed.	Nurs.	Music	Total
October .....	3	3	..	..	..	..	1	..	7
November .....	4	..	1	1	..	..	..	..	6
December .....	3	..	..	..	..	1	1	..	5
January .....	6	2	..	..	1	..	..	..	9
February									
Withdrawals .....	38	10	..	1	2	..	8	..	59
Transfers within the University .....	8	8	..	..	..	1	1	2	20
Immediate reinstatement .....	35*	14	..	..	..	..	..	..	49
March .....	6	4	..	..	..	..	1	..	11
April .....	7	2	..	..	..	1	2	..	12
May .....	2	3	..	..	..	..	2	1	8
June									
Home .....	63	44	..	..	1	3	..	..	111
N.T.R. ....	5	..	..	..	..	..	..	..	7
Total .....	180	90	1	2	4	6	16	5	304
Duplicates .....	20*	11	..	..	..	..	..	..	31
Net Total .....	160	79	1	2	4	6	16	5	273

\* In February, 35 freshmen in the College of Literature, Science, and the Arts, and 14 freshmen in the College of Engineering received a "Home" action because of poor scholarship. For certain reasons they were allowed to enroll for the second semester with the understanding that, unless they were able to make a "C" average and no "E" grades during the semester, they would be required to withdraw permanently in June. In June we find the following action taken:

L., S., and A.	Engineering
1. No action (transfer) .... 1	1. Home ..... 10
2. Home ..... 15	2. Withdrew during semester 1
3. Probation continued ..... 13	3. Probation raised ..... 3
4. Withdrew during semester 4	
5. Action deferred ..... 2	

*Entrance examinations.*—Fifty-four applicants for admission to the freshman class who were required to validate credit in certain subjects appeared for the examinations this year. As in other years, only a few were present at the February and June periods. During the week of September 12, 62 examination papers were written by 42 applicants in 11 different subjects. Although it was the vacation period, the departments co-operated in marking the papers promptly. This enabled the Registrar's Office to approve or reject finally the pending applications of this group of prospective students before the beginning of the Orientation Period.

*College Entrance Board examinations.*—At the request of the College Entrance Examination Board, the Registrar's Office again conducted their June examinations. All questions and supplies were sent from the office of the Board in New York City and the examination papers were returned to them immediately at the close of each day's period. It is a distinct advantage to high-school students in this vicinity who wish to take these examinations to have the University as one of the centers.

*Auditing vouchers.*—At the end of each month when the Business Office has completed the necessary work on the vouchers, which cover the disburse-

ment of University funds, the books are temporarily transferred to the Registrar's Office. They are initialed by an office assistant and then checked with a representative from the Business Office against the abstract made up in that office. This is, of course, merely a matter of routine but entails a great deal of time each month as well as the transportation to and fro of books from one building to another.

*College-day programs.*—Senior students in high schools of the State frequently wish to talk with authorized representatives of the different colleges regarding problems of admission, living conditions, opportunities for self-help, and other problems in connection with their attendance at college in the fall. For many years the high schools of the State were visited by representatives of various colleges, without invitation, and were given an allotment of time by the high-school principals to talk with the senior classes as a whole and to have individual conferences with students and parents who might be interested in attending that particular institution. This practice spread to such an extent that the principals were forced to seek some means of conserving time. Otherwise, too high a percentage of the time of the second semester of the final year was given over to such activities.

Several years ago the high-school principals of the State approved a plan for setting aside one day in the spring in the various high schools for a college-day program. Under this plan any high school wishing to participate sets aside one particular day and invites representatives of all colleges to attend the school on that day. Usually, a short program of general interest is arranged, followed by conferences between the college representatives and the students interested in that particular school. This plan has one outstanding advantage. It enables the high-school students and their parents to consult with representatives of several colleges on the same day and to secure advice and information from institutions that may enable the students to make a more intelligent choice of a college.

The college-day idea has apparently grown in the state of Michigan to such an extent that each year we are asked to participate in more programs than in preceding years. One of the most hopeful signs within the last year or two comes from the increasing number of smaller schools that band together to have a college day in one centralized location.

In addition to college-day exercises in the state of Michigan, the Registrar interviews prospective freshmen in Boston, New York City, and Chicago in the spring. These interviews are for definite guidance purposes. Prospective freshmen and their parents may be advised by the Registrar regarding problems of college admission.

*Principal-freshman conference.*—The principal of each high school represented in the current freshman class was invited by letter to come to Ann Arbor on November 17, 1938, to confer with his former students. In preceding years the interviews were held in the various rooms of the Registrar's Office and in several adjoining offices, which were loaned to us for the day. This year we were fortunate in being permitted to use the entire second floor of the Horace H. Rackham School of Graduate Studies. The spaciousness of

the study halls and lounges enabled us to provide ample space for the representatives from seventy-two schools to hold their interviews throughout the morning. (The University High School principal and teachers talked with their students in the High School Office.)

The interviews averaged fifteen minutes and were based upon grade reports for the first five weeks of the semester, together with questionnaires filled out by the students covering their preparation for University work and their living and working conditions on the campus. The facilities of the Rackham Building permitted the conferences to proceed without undue noise or confusion or the congestion which could not be avoided in previous years. Through the services of members of the University R.O.T.C., the high-school visitors and the freshmen were met at the door and escorted to the desks assigned to them for the day. Guide service through the Building was also available from the R.O.T.C. students.

The deans of the junior colleges in Michigan were invited to participate in the conferences this year, and five accepted the invitation. They met with their former students who had transferred to the University, in the Lecture Hall on the main floor.

Upperclassmen and members of the faculty were invited through notices in the *Daily* to call upon the principals during the morning. Principals from some of the high schools sending a large number of freshmen to the University brought several of their teachers along to assist them in their interviewing, so that there were approximately 120 high-school representatives in attendance in addition to 6 junior-college officers. Five out-of-state high schools were among the total of 73. About 700 University students were interviewed.

At noon the high-school visitors and 60 members of the University faculty met at luncheon in the Michigan Union. We had as our guests also admission officers from 2 out-of-state universities and from a number of colleges in Michigan. Following the luncheon an informal discussion pertaining to the transition from high school to college was held by the college officers and the principals.

In addition to promoting good will and understanding between the University and the secondary schools from which it draws, this annual conference is advantageous to all who participate. The principal can at this time secure information available through no other channel which enables him better to prepare future University freshmen. The University learns what it can do to smooth the passing from high school to college and to assist the freshman in making his adjustment. Problems of individual students can be discussed and ultimately adjusted. Thus, the splendid co-operation of the principals, the students, and the University staff on this day effects far-reaching and lasting benefits.

#### RECORDS DIVISION

*Studies.*—During the year 1938–39, brief investigations have been made into the following problems:

1. Courses elected by 1938 graduates entering from high school. This investigation considers the number of elementary courses intended primarily for fresh-

men, numbered 1-30, elementary courses intended for nonfreshmen, numbered 31-100, advanced courses for advanced students, numbered 101-200, and courses for graduate students numbered 201 and up.

2. Courses elected by June, 1938, graduates entering the University on advanced standing. The problem is the same as in the preceding paragraph.

3. Analysis of the records of students considered for concentration in February, 1939. This investigation gives the causes for students' failure to concentrate in a normal period of four semesters.

4. Partial analysis of the academic records of students on discipline during the first semester of the 1938-39 session.

The above four studies have been referred to the Dean of the College of Literature, Science, and the Arts for whatever consideration the faculty may decide to give to the problems involved.

5. An analysis of the academic success of students entering from schools accredited for one year, two years, or three years. This study is in progress and should be completed during the coming year.

6. Present practice of admitting students by transfer in 437 American colleges and universities. This study was made as a special report to the American Association of Collegiate Registrars from the Special Projects Committee under the chairmanship of the Registrar of the University of Michigan.

Several of the above-mentioned studies have been published in recognized educational journals. Others will not be published, because of the confidential nature of the data. It is hoped that it will be possible to continue such investigations in order that the deans and faculties of the five Schools and Colleges whose records are kept in this office may be advised of administrative problems as they appear, through analysis of the students' academic records.

Mr. Pendorf has completed his analysis of the records of the 1937 graduating class of the College of Literature, Science, and the Arts. This project was carried on out of office hours and has been accepted as a master's thesis in the School of Education. Another graduate student completed a thesis during the year in which an analysis was made of the academic success of natives versus transfers of the graduating class of 1937 from the College of Literature, Science, and the Arts.

*Registration.*—At the beginning of each semester students from all units of the University register in Waterman Gymnasium, and in addition students from the Literary College, the School of Education, the School of Music, and the Graduate School classify in the gymnasium. Classification of graduate students is under the supervision of the Graduate School. The general setup of the gymnasium is under the supervision of the Registrar's Office.

By June 21, 1939, each student in the five units handled by the Registrar's Office had had a blueprint of his record made and mailed with a revised issue of *Directions for Registration and Classification*. The dispatch with which the grades were recorded, blueprinted, and mailed could not have been accomplished without the continued co-operation of the faculties. In February, 1939, 98 per cent of the grades in the College of Literature, Science, and the Arts were turned in on schedule, and in June, 99.98 per cent were turned in on schedule.

With the co-operation of Assistant Dean E. A. Walter and Assistant Professor Arthur Van Duren the registration procedure has been simplified and improved.

The permanent record of each student now shows grades of I—incomplete, and X—absent from examination, incurred at any time, as well as the final grade earned in each course. This rule is followed in the School of Forestry and Conservation and the Colleges of Architecture, Music, and Literature, Science, and the Arts. This will give the adviser a more complete picture of the student's past performance than was formerly possible.

*General procedure in record keeping.*—The faculties of the five Schools and Colleges, and of the Extension Service, whose records are kept in this office, have been most co-operative during the year. On February 11, the close of the first semester of the session, 98 per cent of the grades of the College of Literature, Science, and the Arts had been received in this office, posted to the permanent records, checked, and returned to the current files. At the close of the second semester, 99.98 per cent of the grades of the College of Literature, Science, and the Arts were received in this office on scheduled time. The posting of grades at these early dates makes it possible for advisers and students alike to have the necessary data in order to make plans for the next semester in residence.

Beginning with the Summer Session, 1938, the Statistical Division of the Registrar's Office has handled grades for the College of Literature, Science, and the Arts on tabulating cards. This procedure has been found valuable by the Office of the Dean, the Assistant Dean, the Academic Counselors, and the Registrar's Office in handling various problems that arise at the end of each semester and at the beginning of the new one. It is hoped that this service can be continued in the future.

At some time during the years 1932 and 1933, the practice of notifying all parents of the grades of their students at each marking period in the colleges was discontinued as an economy move. In May, 1937, this question was raised, considered, and at that time it was thought unnecessary to renew this practice. The question was again raised, however, in the spring of 1939, and it seemed well to re-establish the practice of notifying the parents of the grades of their students at each marking period.

The tracing-cloth permanent records of all students who have received degrees from the five schools whose records are kept in this office were in June, 1939, photographed on heavyweight paper, reduced to size 8½ by 11, and placed in the vault files. This makes it possible for students who have received degrees from their respective colleges to receive transcripts of their records with the faculty action or notices of academic discipline deleted. The Alumni Catalog Office was kind enough to accept the original linen-sheet records and has filed them with other information regarding all students of the University. Appreciation should be expressed again to the Alumni Catalog Office for its unflinching eagerness to accept for permanent filing any pertinent data regarding students no longer in residence in the University.

Through the co-operation of the Extension Service—Supervised Corre-

spondence Study Department—plans have been worked out for permanent records to be kept for students enrolling in correspondence courses.

During the year it was possible to complete a volume of several hundred pages giving the course titles, departmental number, and semester hours of credit of courses taught in the College of Literature, Science, and the Arts since 1918 and for courses in the School of Education since its formal opening in 1922.

At the suggestion of the College of Architecture arrangements have been made for grades of I and X to be shown permanently on the records of students. In addition, the final make-up grade is also shown. This procedure, showing the original temporary grade and the final grade, will be of considerable value to campus advisers and to prospective employers. It is true that almost any student may have one semester in which he receives one or more grades of I or X. This should not reflect any discredit on the student. The student, however, who receives one or more grades of I or X each semester—as occasionally students are wont to do—will have this information shown on his record for the benefit of all advisers and prospective employers. The value of this proposed change was appreciated at once by four of the five Schools and Colleges whose records are on file in this office. This is considered to be one of the most constructive changes in record keeping that has been made in the past few years.

Through the co-operation of the Assistant Dean and the Chairman of the Academic Counselors of the College of Literature, Science, and the Arts, the routine followed by students who have been out of residence one or more semesters was greatly simplified.

According to reports from the registrars' offices of 337 American colleges and universities, the average number of records kept by each record keeper in these offices was 463. In this office at the University of Michigan the average number of records kept per record keeper has been slightly in excess of 1,000. This load has made it necessary to depend, during the year, on some thirty NYA students to assist in carrying on the routine work in the office. Much more satisfactory results could be achieved in all respects if this number of NYA students were reduced by the addition of more permanent record keepers to the staff, thus bringing our office staff more nearly in line with the general averages in registrars' offices throughout the country.

*Degree programs.*—Students in the College of Literature, Science, and the Arts are admitted to the various fields of concentration as soon as they have earned at least 60 hours with an average of C grade or better on all work elected and have satisfied the requirement in English composition. A check card is made for every sophomore each semester and summer who will fulfill these two requirements by the end of the semester or summer when his grades are recorded. Students who fail to obtain one or the other of these requisites for concentration by the time they have completed 60 hours are liable for discipline.

After a student has been admitted to candidacy for a degree, he is given triplicate concentration forms and a blueprint of his record. The forms are signed by his concentration adviser in the field of choice, and the

original is returned to the Registrar's Office. The other two copies are for the adviser and the student, and the blueprint is for the files of the adviser.

As soon as the original concentration form, signed by the adviser, has been returned to this office, it is filed in the student's folder, and the check card is coded for the field of concentration, of which there are 48. By means of an improved code card that can be coded for manual sorting alphabetically for name and numerically for field of concentration, a count is made much more readily than was possible in former years.

#### CONCENTRATION CHOICES

The number of resident students concentrating in the College of Literature, Science, and the Arts in the different fields, second semester, 1938-39, is shown below. A student is considered of junior rank if he has 23 or fewer hours on his degree program.

FIELD OF CONCENTRATION	JUNIORS	SENIORS	TOTAL
Economics	105	172	277
History	83	117	200
English	61	81	142
Zoology	69	67	136
Political Science	67	63	130
Chemistry	46	51	97
Speech	43	35	78
Sociology	39	34	73
Psychology	33	38	71
Science and Mathematics	21	46	67
French	27	38	65
Letters and Business Administration	36	28	64
Journalism	27	28	55
Letters and Medicine	19	27	46
Mathematics	20	26	46
Library Science	..	44	44
Social Work	19	23	42
Geography	19	22	41
Letters and Law	7	31	38
Social Studies	11	14	25
Spanish	5	19	24
Geology	11	11	22
German	6	15	21
Fine Arts	7	14	21
Latin	7	9	16
Physics	6	8	14
Philosophy	8	2	10
Letters, Business Administration, and Law	4	4	8
Anthropology	5	2	7
Botany	3	3	6
Oriental Civilization	1	4	5
Letters and Nursing	2	2	4
Landscape Design	2	1	3
Religion and Ethics	2	1	3
General Linguistics	..	2	2
History Honors	2	..	2
Music	..	2	2
American Culture	1	..	1
Astronomy	1	..	1
Letters and Dentistry	1	..	1
Mineralogy	1	..	1
Not Reported	58	1	59
<b>Total</b>	<b>885</b>	<b>1,085</b>	<b>1,970</b>

In case a student wishes to change his field of concentration, he is issued a new set of triplicate forms and a new blueprint, and as soon as the original form is returned the check card is coded for the new field. In every case the student's field of concentration is posted to his permanent record.

As soon as the student has been accepted by the field of his choice, his record is checked to determine the amount of credit in excess of 60 hours that may be transferred to the degree program. This procedure has been changed in only one respect within the current year. All concentrates on the new grading system must have a C average on all work elected, and must have passed 60 hours of work to be eligible for concentration. The same rules are in use for the division of hours and the accompanying honor points between the two programs.

In September, 1938, there were 1,761 students in the Literary College on the degree program, an increase of 50 over the first semester of the preceding year. In February, 1939, 209 were admitted to the various fields of concentration. The table on page 198 shows the fields chosen by eligible students in the second semester, 1938-39.

*Senior work.*—Candidates for degrees in the College of Literature, Science, and the Arts, School of Education, School of Forestry and Conservation, and School of Music were sent to the Board of Regents for recommendation in February, June, September, and October.

Following the procedure of the year 1937-38, the Statistical Division of the Registrar's Office furnished grades of Literary seniors from the examination reports turned in by instructors. An official transcript was prepared for each graduating senior registered in the units whose records are on file in this office. These were distributed with the diplomas on Saturday evening in the Intramural Building after the Commencement exercises.

The following tabulation gives the distribution of degrees granted by the College of Literature, Science, and the Arts from July 1, 1938, to June 30, 1939, inclusive, by fields of concentration and sex:

SUBJECT	MEN	WOMEN	SUBJECT	MEN	WOMEN
American Culture .....	..	1	Philosophy .....	2	..
Anthropology .....	..	1	Physics .....	10	1
Botany .....	..	1	Political Science .....	58	8
Chemistry .....	35	6	Pre-Business .....	20	2
Economics .....	151	6	Pre-Forestry .....	1	..
English .....	29	47	Pre-Law .....	28	2
Fine Arts .....	..	12	Pre-Medicine .....	18	2
French .....	2	35	Pre-Nursing .....	..	1
Geography .....	11	12	Psychology .....	9	22
Geology .....	10	1	Religion and Ethics .....	1	..
General Linguistics .....	..	1	Science and Mathematics ..	33	5
German .....	3	4	Social Studies .....	4	10
History .....	66	40	Social Work .....	1	18
Journalism .....	11	14	Sociology .....	10	32
Landscape Design .....	1	..	Spanish .....	4	14
Latin .....	1	8	Speech .....	15	20
Library Science .....	14	17	Zoology .....	43	15
Mathematics .....	14	9	Old Plan .....	10	3
Music .....	1	..			
Oriental Civilization .....	1	5	Total .....	617	375



Degrees granted by the School of Education for the same period:

	MEN	WOMEN
Bachelor of Science in Education .....	17	26
Bachelor of Arts in Education .....	17	51
	<hr/>	<hr/>
	34	77

Degrees granted by the School of Forestry and Conservation for the same period:

Bachelor of Science in Forestry .....	69*
Bachelor of Science in Forestry (Wood Technology) .....	1
	<hr/>
	70
Master of Forestry .....	20
Master of Forestry (Wood Technology) .....	1
	<hr/>
	21
Total .....	91

Degrees granted by the School of Music for the same period:

Bachelor of Music		Master of Music	
Piano .....	6	Piano .....	6
Voice .....	1	Voice .....	4
Harp .....	2	Violin .....	2
Organ .....	1	Violoncello .....	1
Theory .....	2	Organ .....	5
Music Literature .....	2	Theory .....	6
Public School Music .....	27	Composition .....	2
	<hr/>	Musicology .....	5
Undergraduate Total ...	41	Public School Music .....	24
			<hr/>
		Graduate Total .....	55
			<hr/>
		Grand Total .....	96

*Honor societies.*—Associate Professor Roy S. Swinton, Secretary of Phi Kappa Phi, national honorary senior society, in October, 1938, sent an assistant to this office to select those who met specified requirements for election to Phi Kappa Phi. Those chosen were in the highest 10 per cent of the students expecting to be graduated in February and June. A blueprint of each student thus chosen was provided the Secretary of the society. From this group 3 per cent were chosen for fall election. Associate Professor Swinton's representative returned at the close of the first semester when the grades had been recorded, to bring his records to date so that tentative candidates for spring election might be made. At this time the highest 10 per cent of those in the February, June, and August graduating classes was selected. The society then chose 7 per cent from this group for election.

In March, Dr. Hazel Losh, Assistant Professor of Astronomy, who has been appointed as Secretary to Phi Beta Kappa, succeeding the late Dr. Orma F. Butler, Assistant Professor of Latin, sent a representative to the Registrar's Office to compile a list of those in the February, June, and August

\* Degree granted to a woman for the first time.

graduating classes meeting established requirements and of juniors meeting designated qualifications for election to Phi Beta Kappa as juniors. From these lists candidates for spring election to Phi Beta Kappa were chosen by the Committee on Elections.

A representative from Alpha Lambda Delta and from Phi Eta Sigma, national honorary freshman societies, used the records in this office to compile lists of those eligible to election to the societies.

Freshman, sophomore, junior, and senior Honors Convocation lists for all units whose records are on file in this office were prepared by members of the staff.

*Extension Service records.*—The Extension Service reports that 3,159 students enrolled in credit courses during the year 1938–39; the Correspondence Study Department had an enrollment of 120. Permanent records have been made for all these students, showing the courses elected, descriptive titles, hours of credit, and grades received. The Correspondence Department made up the permanent records for students who enrolled for noncredit courses. However, these records were sent to this office for filing and are kept here as a matter of record, primarily for future reference.

Grades for all extension courses, with the exception of one section, were received by July 1. We believe this is the first year this has been accomplished, and we should like to express our appreciation for this co-operation.

Last year a list of descriptive titles was compiled for all extension courses. This list has proven very helpful in bringing up to date all the old extension records.

*Counter work.*—Counter work for the year 1938–39 consisted of answering inquiries concerning the following items: issuing of registration material; change of elections; trouble cards; concentration slips; petitions to Administrative Board; fees and indebtedness; requests for transcripts; supplementary slips for make-up grades; change of address slips; requests for announcements; information pertaining to records; answering telephone; dispensing information of a general nature. In September, 1938, after the rush of registration, one typical day at the counter resulted in a total of 490 personal calls, in addition to telephone calls, for information of one sort or another covering the items listed. The above duties have been described in detail in previous Reports of the Registrar.

*Transcripts.*—The table below shows the number of statements and official transcripts bearing seal and signature issued, and the amount of transcript fees received each month for the year beginning July 1, 1938, and ending June 30, 1939:

MONTH	TRAN- SCRIPTS	AMOUNT RECEIVED	MONTH	TRAN- SCRIPTS	AMOUNT RECEIVED	MONTH	TRAN- SCRIPTS	AMOUNT RECEIVED
July	1,003	\$110	Nov.	520	\$ 73	Mar.	1,202	\$181
Aug.	830	118	Dec.	506	163	Apr.	713	102
Sept.	1,034	241	Jan.	647	187	May	544	131
Oct.	655	89	Feb.	1,496	328	June	1,318	136

Official transcripts were, in addition, presented to all graduating seniors, as has been the custom in the last few years. These complimentary transcripts were not included in the above figures. It is interesting to note that 2,229 official transcripts were sent to the various Schools and Colleges on the campus. This number, of course, does not include the blueprints sent to the College of Architecture and to the Schools of Education, Forestry, and Music at the end of each semester, nor the blueprints sent to the advisers.

At the request of the committee appointed by the President, the records of students who have graduated, previously kept on linen tracing cloth, have been photostated. By this process any transcripts sent off the campus may have the disciplinary action eliminated. This practice was inaugurated in June of this year and explains the increased amount of photostats issued for that period compared with the previous months. No doubt this will continue to be the case from year to year.

*Assignment of rooms.*—The Registrar's Office keeps a record of classrooms in several buildings on the campus, namely: Angell Hall, Mason Hall, University Hall, South Wing, Haven Hall, Economics Building, Romance Language Building, Natural Science Building, and West Physics Building. All decisions regarding allocation of space are made by the Office of the Dean of the College of Literature, Science, and the Arts.

The procedure of maintaining this record has continued in the same manner as in former years and has been explained in detail in previous Registrar's reports.

#### STATISTICAL DIVISION

Three new projects were undertaken by the Statistical Division during the year 1938-39, as follows:

1. In the summer of 1938, for the first time, grade-report blanks were printed and grades were reported to the Records Division for the College of Literature, Science, and the Arts and the School of Education, through the use of tabulating machines. This was continued in February and June for the College of Literature, Science, and the Arts.
2. From the tabulating cards, grades were posted to records in the office of the Dean of Students and of the Dean of Women.
3. An analysis of the type of student taking work offered by the Extension Service was made.

In addition to these three new projects, the reports on enrollment, withdrawals, degrees and certificates, faculty, honors, and scholarship were made as in former years. Comments on the work completed during the year will be found in the following paragraphs.

*Course reports and grade posting.*—Early in the summer of 1938, a plan to use the tabulating cards and mechanical equipment for printing grade-report blanks and assembling and reporting grades was inaugurated. The faculty were asked to participate in the new undertaking by supplying lists of students enrolled in their classes. They were assured that, in return for this co-operation, a complete class roll on an examination-report blank would

**TOTAL DISTRIBUTION OF TRANSCRIPTS**  
**July, 1938—July, 1939**

	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.	JAN.	FEB.	MAR.	APR.	MAY	JUNE	TOTALS
Prints .....	403	471	611	278	281	272	336	876	856	381	209	384	5,358
Photos .....	239	150	254	221	118	123	168	231	176	154	194	484	2,512
Ext., S. S. ....	229	97	5	15	4	1	24	246	34	50	12	251	968
Old Typed .....	43	33	44	56	29	47	33	38	34	24	38	40	459
State .....	89	79	120	85	88	63	86	105	102	104	91	159	1,171
<b>Total .....</b>	<b>1,003</b>	<b>830</b>	<b>1,034</b>	<b>655</b>	<b>520</b>	<b>506</b>	<b>647</b>	<b>1,496</b>	<b>1,202</b>	<b>713</b>	<b>544</b>	<b>1,318</b>	<b>10,468</b>
Notices .....	276	283	401	204	129	144	199	258	221	157	223	278	2,773
Refers .....	89	92	133	114	106	73	75	103	128	110	105	98	1,226
Receipts .....	\$110	\$118	\$241	\$ 89	\$ 73	\$163	\$187	\$328	\$181	\$102	\$131	\$136	\$1,859

be furnished for their use in reporting grades at the close of the summer. The response from the faculty was most gratifying. The preparation of tabulating cards was begun early, and grade-report blanks were distributed well in advance of the examination period as planned.

As grade reports were returned cards were punched, checked, and sorted mechanically into alphabetical lists which grouped together all of the courses and grades for each student. This simplified and advanced the posting so that cases of scholastically delinquent students were referred to the disciplinary committee at an earlier date than had been possible previously.

The same procedure was followed for grade reports at the close of the first and second semesters for the College of Literature, Science, and the Arts. In February, the use of the tabulating cards was extended to include mechanical posting of grades to a report card for each student.

After one year of experience with the new method of punching grades upon the tabulating cards, several advantages over the old system are apparent. Preparation of the cards may be undertaken early in the year before the final rush of the semester, taking some of the load away from the peak period and making it possible at the close of the semester to release delinquent records to the disciplinary committee and satisfactory records to the student at an early date.

Another advantage of the new system lies in the fact that grade cards once punched and checked may be used for making numerous reports. From the same grade cards used to make the lists for reporting to the Records Division, reports of grades earned by freshmen were sent to the counselors and a summary of grades earned by freshmen, according to the high schools from which they were admitted, was sent to the Admissions Division for distribution among the principals of the various high schools sending students to the University. The same tabulating cards were used for making a summary of hours of "A," "B," etc., earned by all freshmen in the College of Literature, Science, and the Arts. From these cards, alphabetical lists of athletes showing courses elected and grades earned were printed by this office. Before the tabulating-card system was inaugurated, a representative from the Athletic Association was sent to the Records Division and grades were copied.

A great deal of duplication of work between various offices of the University is eliminated by printing several reports from the same set of grade cards. It should be pointed out, however, that the present decentralized system of recording and the lack of uniformity of reporting grades for the various Schools and Colleges of the University make the extension of this system beyond the College of Literature, Science, and the Arts seem impracticable at this time. It is hoped that, at some time not too far distant, the use of the tabulating-machine grade cards may be successfully extended to other units, so that grade reports involving the entire University may be distributed to those interested as readily as it is now possible to do for those students in the College of Literature, Science, and the Arts.

*Grade reports for the Dean of Students and the Dean of Women.*—Prior to 1938-39, the Office of the Dean of Students, the Office of the Dean of Women, and the Registrar's Office each sent representatives to the recording

divisions of each of the Schools and Colleges of the University to post grades to record cards for use in their respective offices. For some time this has appeared to be a needless duplication of effort but, since each office apparently had good and sufficient reasons for wanting certain information collected and recorded which was not common to all record cards, no satisfactory solution of the problem had been reached.

With the new tabulating-card method of recording grades for the College of Literature, Science, and the Arts, which comprises more than one-third of the entire group of grades gathered, it seemed the proper time to try to come to some agreement concerning a single collection of all grades for the three offices. It was agreed that the Statistical Division of the Registrar's Office should be responsible for the collection and posting of grades to the record cards in the other two offices as well as in its own.

Because of numerous changes of grades, incompletes reported at a late date, and scholastic disciplinary actions not being reported sufficiently early, there was greater delay in the posting to the record cards than had been believed to be necessary before trying out our plan. Accordingly, for the second semester, the procedure of collecting grades only once for the three offices was continued, but alphabetical lists of students showing grades earned were sent to the two co-operating offices, instead of posting the grades directly to their record cards.

For the present, it seems advisable to continue the plan followed the second semester. Because the records are so widely separated, the systems of recording grades and reporting faculty action are not uniform, and the Statistical Division is so far removed from the sources of information, what would seem to be a simple process becomes a more or less complicated one. Preparation of the grade lists for the two offices will be continued, thereby eliminating some duplication, and it is hoped that the posting directly to the record cards may be resumed to the satisfaction of all concerned in the future.

*Extension Service student analysis.*—For some time, Dr. Fisher, Director of the University Extension Service, and Mr. Soop, Field Secretary, have been interested in having more information concerning the type of student engaged in University extension work. For the year 1938-39, therefore, an analysis of enrollments according to age, sex, residence, elections, and amount of previous education was undertaken. Students enrolled for either credit or noncredit classroom work were analyzed in one group and those participating in correspondence courses offered by the University co-operating with the Michigan WPA were considered in a separate group.

Of the 2,871 students enrolled in classroom credit courses, the following may be said. They were, on the average, about 35 years of age, with half of the group being older than 33 and half younger. Sixty-six per cent were women. Of the 2,664 who gave some information concerning their educational background, 1,394 (52%) had one or more college degrees; 188 (7%) attended college but did not receive a degree; 998 (37%) were graduates of a high school but had no formal education beyond that; 84 (3%) had not completed high school. Nearly 35% (992) of this group lived in Wayne or Washtenaw County.

The 2,591 students enrolled in classroom noncredit courses were a slightly younger group with a much more limited educational background. The average age of these students was 34 and the median age 32. Only 2,110 indicated the extent of their previous educational training. Of these 718 (34%) possessed one or more college degrees; 194 (9%) attended college but earned no degree; 953 (45%) graduated from high school; 245 (12%) did not graduate from high school. Of the group, 75 per cent were women and 64 per cent were from the two counties of Washtenaw and Wayne.

The difference in average age between the credit and noncredit groups is not great, but the variation in the amount of education is significant. Eighteen per cent more in the credit group than in the noncredit class had one or more college degrees.

Students enrolled in correspondence credit courses under the Michigan WPA plan are a somewhat younger group than those taking classroom work. Only those correspondence students who enrolled for work between July 1, 1938, and July 1, 1939, were considered in the study. The 927 enrolled in courses for which credit may be granted averaged only 24 years of age, with the median age 20. Of those in this group who indicated the amount of previous education (678), none held any college degrees. Ninety-six per cent were graduates of high schools and 4 per cent were not.

In the noncredit correspondence group of 565, the average age was 34 and the median age 32, the same as that for the noncredit classroom group. Six per cent of this group held one or more college degrees; 2 per cent had attended college but had not earned a degree; 90 per cent were high-school graduates; 6 per cent were not high-school graduates.

Extension courses are interesting students of various ages and different degrees of formal education. Interest this year was divided almost evenly between credit and noncredit courses, except in the case of the correspondence students where enrollments were about 3 to 2 in favor of credit registrations.

*Enrollment.*—Campus registrations continue to increase, with 4.8 per cent more students enrolled on November 1, 1938, than had ever before been in attendance on a corresponding date. Comparative enrollment figures as of November 1, 1938, and November 1, 1937, follow:

NOVEMBER 1 CREDIT ENROLLMENT

GROUP	1938			1937			GAIN	
	Men	Women	Total	Men	Women	Total	Amount	%
Regular Session.....	8,150	3,325	11,475	7,754	3,198	10,952	523	4.8
Summer Session.....	3,642	2,129	5,771	3,110	2,000	5,110	661	12.9
Net Total, Regular and Summer.....	10,347	4,985	15,332	9,626	4,812	14,438	894	6.2
Extension Service:								
Class.....	567	1,204	1,771	573	1,203	1,776	—5	—3
Correspondence.....	243	144	387	170	163	333	54	16.2
Total Extension Credit.....	810	1,348	2,158	743	1,366	2,109	49	2.3
Net Total, Credit Enrollment.....	11,061	6,236	17,297	10,308	6,118	16,426	871	5.3

## NOVEMBER 1 NONCREDIT EXTENSION ENROLLMENT

GROUP	1938			1937			GAIN	
	Men	Women	Total	Men	Women	Total	Amount	%
Extension Service:								
Class.....	382	615	997	170	281	451	546	121.1
Correspondence	36	18	54	24	27	51	3	5.9
WPA-College....	...	...	...	184	190	374	...	...
WPA-High School.	...	...	...	140	2	142	...	...

Increased federal aid and improved economic conditions were probably largely responsible for the advance in enrollment.

Dr. Raymond Walters, President of the University of Cincinnati, has recently assembled and interpreted for a nine-year period the statistics of registration in American universities and colleges, which he gathers each year on November 1. It is interesting to compare that portion of his report which deals with enrollments for 46 universities under public control with our experience at the University of Michigan during the same period.

## COMPARISON OF MICHIGAN ENROLLMENT, AS OF NOVEMBER 1, WITH ENROLLMENTS FOR 46 UNIVERSITIES UNDER PUBLIC CONTROL

YEAR, NOV. 1	REGULAR SESSION, FULL-TIME ENROLLMENT				NET TOTAL, REGULAR SESSION AND SUMMER ENROLLMENT			
	UNIV. OF MICH.		46 UNIVERSITIES		UNIV. OF MICH.		46 UNIVERSITIES	
	Students	Per Cent Change	Students	Per Cent Change	Students	Per Cent Change	Students	Per Cent Change
1930	9,431		188,681		11,756		285,696	
1931	9,165	-2.8	188,604	-.04	11,936	1.5	282,928	-1.0
1932	8,523	-7.0	180,302	-4.4	10,892	-8.7	275,870	-2.5
1933	8,261	-3.1	172,417	-4.4	10,113	-7.2	241,940	-12.3
1934	9,005	9.0	188,377	9.3	11,138	10.1	270,811	11.9
1935	9,850	9.4	204,128	8.4	12,609	13.2	289,107	6.8
1936	10,646	8.1	221,844	8.7	13,661	8.3	314,942	8.9
1937	10,952	2.9	231,544	4.4	14,438	5.7	328,665	4.4
1938	11,475	4.8	247,620	6.9	15,332	6.2	354,854	8.0

For the Regular Session enrollment, beginning with the year 1931, both the University of Michigan and the combined 46 universities show losses for a three-year period—the experience for the University being less favorable than that for the general group for the years 1931 and 1932 and showing a slightly smaller decrease for the year 1933 than the general group. For the Regular Session and Summer Session, the University showed a gain in 1931 and smaller losses than the group as a whole for the years 1932 and 1933.

Beginning with the year 1934, enrollments show a steady and very perceptible gain. Federal aid for needy students in the universities and colleges throughout the country was offered for the first time in 1934 and no doubt played a big part in the increase in enrollment. Some idea of the effect of the National Youth Administration aid upon the enrollment for the past year may be gained from the following statement, which appears in Dr. Walters' report on enrollments in universities and colleges throughout the United States:

In considering the increase of 6.6% in the enrollment of full-time students for 1938 over 1937, it is pertinent to know that National Youth Administration payments



of an average of \$15 monthly for work performed at the institution by undergraduate students and an average of \$30 monthly for work by graduate students are based this year upon a figure equal to 9.3% of the total number of resident undergraduate and graduate students enrolled in the institution "carrying" at least three-fourths of a normal schedule. Last year the percentage was 8 per cent; in 1936 it was 12 per cent.

As in former years the gains shown on November 1 were a reliable indication of the increases for the year. The Regular Session reached a total enrollment of 12,434, a gain of 5.6 per cent. The number of Extension students enrolled in credit courses decreased 259, or 6.4 per cent, with an enrollment of 3,790. The noncredit class and correspondence Extension enrollment increased from 1,262 in 1937-38 to 3,138, or almost two and one-half times the number, in 1938-39. The grand total credit enrollment in the Regular Session, 1938 Summer Session, and the Extension Service was 19,591, the largest in the history of the University. This is an increase of 740, or 3.9 per cent, over the registrations for the previous year.

The University continues to attract students from every state in the Union and from many countries outside continental United States. Czechoslovakia, the East Indies, Hungary, Indo-China, the Madeira Islands, the Netherlands, South Africa, and Venezuela were not represented in 1937-38 but sent students to us for the year 1938-39. Students from Scotland and Sumatra, here in 1937-38, failed to return.

What lies ahead for the University in regard to enrollment is difficult to predict, with a European crisis imminent and with the policy of the United States in the event of a European war unknown. We are not able to foretell what changes will take place in our social and economic status; variations in educational procedure will be experienced; much has been written concerning the decrease in population and the consequent diminishing of the group from which university enrollments are drawn. It is probably safe to assume that the university under public control will be the attendance leader for some time. Of 817,000 full-time students in 569 institutions in 1938, more than one-third were in 55 public universities. Of the institutions offering higher educational training the university under public control has become the outstanding leader in regard to registrations.

For further figures showing enrollments according to division, sex, geographical location, and session, see the following pages:

STUDENT STATISTICS

TABLE I  
ENROLLMENT OF STUDENTS BY SCHOOLS AND COLLEGES  
REGULAR SESSION RESIDENT STUDENTS

SCHOOL OR COLLEGE	1938-39 ENROLLMENT			GAIN OR LOSS FROM 1937-38	
	Men	Women	Total	Number	Per Cent
L., S., and A. ....	2,830	1,804	4,634	-176	-3.7
Engineering. ....	2,146	7	2,153	199	10.2
Medical. ....	436	44	480	-11	-2.2
Law. ....	599	13	612	67	12.3
Pharmacy. ....	61	18	79	2	2.6
Dentistry. ....	153	19	172	12	7.5
Architecture. ....	204	144	348	-4	-1.1
Education. ....	138	358	496	76	18.1
Business Administration. ....	165	11	176	27	18.1
Forestry and Conservation. ....	185	1	186	9	5.1
Nursing. ....	0	214	214	24	12.6
Music. ....	136	141	277	19	7.4
Graduate. ....	1,891	982	2,873	406	16.5
Gross Total. ....	8,944	3,756	12,700		
Duplicates between Schools and Colleges. ....	213	53	266		
Net Total. ....	8,731	3,703	12,434	657	5.6

1938 SUMMER SESSION STUDENTS

SCHOOL OR COLLEGE	1938 ENROLLMENT			GAIN OR LOSS FROM 1937-38	
	Men	Women	Total	Number	Per Cent
L., S., and A. ....	474	297	771	91	13.4
Engineering. ....	454	1	455	116	34.2
Medical. ....	211	16	227	6	2.7
Law. ....	169	6	175	8	4.8
Pharmacy. ....	12	3	15	-7	-31.8
Dentistry. ....	0	0	0	0	0.0
Architecture. ....	40	16	56	11	24.4
Education. ....	79	288	367	-105	-22.2
Business Administration. ....	32	4	36	-1	-2.7
Forestry and Conservation. ....	71	0	71	-4	-5.3
Nursing. ....	0	0	0	0	0.0
Music. ....	162	104	266	31	13.2
Graduate. ....	1,946	1,397	3,343	514	18.2
Gross Total. ....	3,650	2,132	5,782		
Duplicates between Schools and Colleges. ....	8	3	11		
Net Total. ....	3,642	2,129	5,771	661	12.9

EXTENSION SERVICE STUDENTS

SCHOOL OR COLLEGE	1938-39 ENROLLMENT			GAIN OR LOSS FROM 1937-38	
	Men	Women	Total	Number	Per Cent
L., S., and A. ....	902	1,015	1,917	-169	-8.1
Engineering. ....	283	3	286	13	4.8
Architecture. ....	18	5	23	4	21.1
Education. ....	414	1,124	1,538	-117	-7.1
Business Administration. ....	0	0	0	-23	-100.0
Music. ....	12	79	91	46	102.2
Gross Total. ....	1,629	2,226	3,855		
Duplicates between Schools and Colleges. ....	41	24	65		
Net Total. ....	1,588	2,202	3,790	-259	-6.4

The following number of students, included above, were enrolled in correspondence Extension credit courses offered by the University co-operating with the Michigan Works Progress Administration. These figures represent only those students who enrolled between July 1, 1938, and July 1, 1939:

<i>Credit</i>	<i>Men</i>	<i>Women</i>	<i>Total</i>
L., S., and A. ....	540	311	851
Engineering .....	99	0	99
	<hr/>	<hr/>	<hr/>
Net Total .....	616	311	927

The following were enrolled in noncredit courses and, with the exception of 27 men and 46 women who were enrolled in both credit and noncredit Extension courses, have not been counted in the above total:

<i>Noncredit</i>	<i>Men</i>	<i>Women</i>	<i>Total</i>
Class (Regular) .....	618	1,887	2,505
Class (Summer) .....	36	50	86
	<hr/>	<hr/>	<hr/>
Total .....	654	1,937	2,591
Correspondence (Regular) .....	293	259	552
Correspondence (Summer) .....	11	2	13
	<hr/>	<hr/>	<hr/>
Total .....	304	261	565
Total, noncredit class and correspondence .....	958	2,198	3,156

TABLE II  
REGULAR SESSION  
FIRST AND SECOND SEMESTER ENROLLMENT  
1938-1939

SCHOOL OR COLLEGE	FIRST SEMESTER ENROLLMENT			FIRST SEMESTER ONLY			SECOND SEMESTER ONLY			SECOND SEMESTER ENROLLMENT		
	Men	Women	Total	Men	Women	Total	Men	Women	Total	Men	Women	Total
L., S., and A. ....	2,717	1,727	4,444	245	139	384	113	77	190	2,585	1,665	4,250
Engineering. ....	2,050	7	2,057	239	4	243	96	0	96	1,907	3	1,910
Medicine. ....	430	44	474	18	5	23	6	0	6	418	39	457
Law. ....	592	13	605	31	1	32	7	0	7	568	12	580
Pharmacy. ....	58	16	74	3	3	6	3	2	5	58	15	73
Dentistry. ....	150	19	169	6	2	8	3	0	3	147	17	164
Architecture. ....	179	136	315	25	14	39	25	8	33	179	130	309
Education. ....	112	278	390	19	93	112	26	80	106	119	265	384
Business Administration. ....	152	8	160	16	0	16	13	3	16	149	11	160
Forestry and Conservation. ....	175	1	176	13	0	13	10	0	10	172	1	173
Nursing. ....	0	214	214	0	11	11	0	0	0	0	203	203
Music. ....	122	126	248	11	13	24	14	15	29	125	128	253
Graduate. ....	1,531	759	2,290	338	211	549	360	223	583	1,553	771	2,324
Gross Total. ....	8,268	3,348	11,616	964	496	1,460	676	408	1,084	7,980	3,260	11,240
Duplicates. ....	105	12	117	3	1	4	0	0	0	96	13	109
Combined registration one semester, single other semester. ....				19	0	19	13	2	15			
Change of school at U. of M. ....				95	39	134	95	39	134			
Net Total. ....	8,163	3,336	11,499	847	456	1,303	568	367	935	7,884	3,247	11,131

TABLE III

ENROLLMENT BY SCHOOLS AND COLLEGES OF RESIDENT REGULAR SESSION STUDENTS  
AND 1938 SUMMER SESSION STUDENTS\*

SCHOOL OR COLLEGE	1938-39 ENROLLMENT			GAIN OR LOSS FROM 1937-38	
	Men	Women	Total	Number	Per Cent
L., S., and A. ....	3,017	1,921	4,938	-130	-2.6
Engineering .....	2,251	7	2,258	227	11.2
Medical .....	573	54	627	-7	-1.1
Law .....	664	18	682	66	10.7
Pharmacy .....	64	18	82	-2	-2.4
Dentistry .....	153	19	172	12	7.5
Architecture .....	214	148	362	-2	-.5
Education .....	203	586	789	-50	-6.0
Business Administration .....	179	14	193	26	15.6
Forestry and Conservation .....	189	1	190	4	2.2
Nursing .....	0	214	214	24	12.6
Music .....	275	226	501	40	8.7
Graduate .....	3,330	2,143	5,473	780	16.6
Gross Total .....	11,112	5,369	16,481		
Duplicates between Schools and Colleges .....	296	70	366		
Net Total .....	10,816	5,299	16,115	970	6.4

\* Duplicates within each School or College between sessions have been deducted.

TABLE IV

ENROLLMENT BY SCHOOLS AND COLLEGES OF ALL STUDENTS—RESIDENT AND  
NONRESIDENT, REGULAR SESSION STUDENTS, AND 1938  
SUMMER SESSION STUDENTS\*

SCHOOL OR COLLEGE	1938-39 ENROLLMENT			GAIN OR LOSS FROM 1937-38	
	Men	Women	Total	Number	Per Cent
L., S., and A. ....	3,911	2,925	6,836	-299	-4.2
Engineering .....	2,532	10	2,542	242	10.5
Medical .....	573	54	627	-7	-1.1
Law .....	664	18	682	66	10.7
Pharmacy .....	64	18	82	-2	-2.4
Dentistry .....	153	19	172	12	7.5
Architecture .....	232	153	385	2	.5
Education .....	617	1,687	2,304	-161	-6.5
Business Administration .....	179	14	193	3	1.6
Forestry and Conservation .....	189	1	190	4	2.2
Nursing .....	0	214	214	24	12.6
Music .....	285	305	590	97	19.7
Graduate .....	3,330	2,143	5,473	780	16.6
Gross Total .....	12,729	7,561	20,290		
Duplicates between Schools and Colleges .....	491	208	699		
Net Total .....	12,238	7,353	19,591	740	3.9

\* Duplicates within each School or College between sessions have been deducted. The only Extension students included in this tabulation are those enrolled in courses for which credit may be given. Although the Extension Service students do not enroll in the Schools or Colleges, they have been grouped according to the division of the University from which instructors offering courses have been drawn.

TABLE V  
ENROLLMENT FROM 1843 TO 1939

YEAR	TOTAL	YEAR	TOTAL
1843-44.....	53	1892-93.....	2,778
1844-45.....	53	1893-94.....	2,659
1845-46.....	70	1894-95.....	2,864
1846-47.....	67	1895-96.....	3,014
1847-48.....	89	1896-97.....	2,975
1848-49.....	77	1897-98.....	3,223
1849-50.....	72	1898-99.....	3,192
1850-51.....	159	1899-1900.....	3,441
1851-52.....	216	1900-01.....	3,712
1852-53.....	222	1901-02.....	3,709
1853-54.....	244	1902-03.....	3,792
1854-55.....	288	1903-04.....	3,957
1855-56.....	390	1904-05.....	4,136
1856-57.....	480	1905-06.....	4,571
1857-58.....	449	1906-07.....	4,746
1858-59.....	430	1907-08.....	5,010
1859-60.....	519	1908-09.....	5,223
1860-61.....	674	1909-10.....	5,383
1861-62.....	615	1910-11.....	5,381
1862-63.....	652	1911-12.....	5,582
1863-64.....	856	1912-13.....	5,805
1864-65.....	953	1913-14.....	6,258
1865-66.....	1,205	1914-15.....	6,857
1866-67.....	1,255	1915-16.....	7,214
1867-68.....	1,273	1916-17.....	7,517
1868-69.....	1,114	1917-18.....	6,734
1869-70.....	1,112	1918-19 (Not including 2,258, Sec. B., S.A.T.C.).....	7,288
1870-71.....	1,110	1919-20.....	9,401
1871-72.....	1,207	1920-21.....	10,623
1872-73.....	1,163	1921-22.....	11,120
1873-74.....	1,105	1922-23.....	11,450
1874-75.....	1,191	1923-24.....	12,291
1875-76.....	1,129	1924-25.....	12,312
1876-77.....	1,111	1925-26.....	12,690
1877-78.....	1,230	1926-27.....	13,257
1878-79.....	1,372	1927-28.....	13,593
1879-80.....	1,427	1928-29.....	13,769
1880-81.....	1,534	1929-30.....	15,154
1881-82.....	1,534	1930-31.....	15,500
1882-83.....	1,440	1931-32.....	14,826
1883-84.....	1,377	1932-33.....	13,257
1884-85.....	1,295	1933-34.....	12,301
1885-86.....	1,401	1934-35.....	13,691
1886-87.....	1,572	1935-36.....	16,040*
1887-88.....	1,667	1936-37.....	18,043*
1888-89.....	1,882	1937-38.....	18,851*
1889-90.....	2,153	1938-39.....	19,591*
1890-91.....	2,420		
1891-92.....	2,692		

NOTE.—This table includes Regular Session students, Summer Session students, and those taking Extension courses for which credit may be given.

\* Including students enrolled in correspondence Extension credit courses:

1935-36.....	360
1936-37.....	1,051
1937-38.....	906
1938-39.....	927

TABLE VI  
MICHIGAN STUDENTS BY COUNTIES

COUNTIES IN MICHIGAN	POPULATION 1930 CENSUS	PUBLIC HIGH-SCHOOL ENROLLMENT, 1937-38	MICHIGAN HIGH SCHOOLS ACCREDITED BY THE UNIVERSITY				UNIVERSITY OF MICHIGAN FRESHMEN, 1938-39	UNIVERSITY OF MICHIGAN STUDENTS, 1938-39*
			Number of Schools 1937-38		Graduates 1937-38			
			Public	Non-Public	Public	Non-Public		
Alcona.....	4,989	168	1	0	18	0	0	7
Alger.....	9,327	553	4	0	90	0	3	23
Allegan.....	38,974	1,633	8	0	325	0	4	68
Alpena.....	18,574	707	1	2	128	33	1	30
Antrim.....	9,979	504	6	0	90	0	0	14
Arenac.....	8,007	429	2	0	66	0	0	13
Baraga.....	9,168	525	2	1	82	11	0	23
Barry.....	20,928	1,170	6	0	247	0	2	51
Bay.....	69,474	2,562	2	4	448	89	6	168
Benzie.....	6,587	417	3	0	67	0	1	8
Berrien.....	81,066	4,513	15	3	843	56	16	118
Branch.....	23,950	1,040	4	0	191	0	7	67
Calhoun.....	87,043	4,288	7	1	829	21	14	471
Cass.....	20,888	923	4	0	165	0	2	43
Charlevoix.....	11,981	834	4	0	167	0	5	21
Cheboygan.....	11,502	554	2	0	79	0	0	27
Chippewa.....	25,047	1,221	5	1	208	15	8	69
Clare.....	7,032	312	3	0	79	0	0	15
Clinton.....	24,174	944	5	0	171	0	0	26
Crawford.....	3,097	170	1	0	22	0	0	14
Delta.....	32,280	1,568	4	1	321	26	5	34
Dickinson.....	29,941	2,194	7	0	447	0	12	102
Eaton.....	31,728	1,797	8	0	334	0	1	117
Emmet.....	15,109	738	3	0	124	0	5	29
Genesee.....	211,641	12,065	15	3	2,094	108	30	470
Gladwin.....	7,424	497	2	0	72	0	0	11
Gogebic.....	31,577	2,282	5	1	517	27	8	97
Grand Traverse.....	20,011	923	2	1	160	20	5	54
Gratiot.....	30,252	1,715	7	0	316	0	0	35
Hillsdale.....	27,417	1,391	10	0	289	0	6	69
Houghton.....	52,851	2,831	8	1	534	39	1	63
Huron.....	31,132	1,341	11	0	305	0	2	42
Ingham.....	116,587	6,525	13	1	1,361	56	17	269
Ionia.....	35,093	1,551	6	1	291	23	4	63
Iosco.....	7,517	495	4	1	87	14	1	14
Iron.....	20,805	1,423	5	0	285	0	3	78
Isabella.....	21,126	821	4	1	144	27	0	25
Jackson.....	92,304	4,043	11	2	778	77	7	234
Kalamazoo.....	91,368	4,306	10	3	794	137	8	225
Kalkaska.....	3,799	192	1	0	28	0	0	6

\* Including Regular Session, Extension, and 1938 Summer Session.

COUNTIES IN MICHIGAN	POPULATION 1930 CENSUS	PUBLIC HIGH-SCHOOL ENROLLMENT, 1937-38	MICHIGAN HIGH SCHOOLS ACCREDITED BY THE UNIVERSITY				UNIVERSITY OF MICHIGAN FRESHMEN, 1938-39	UNIVERSITY OF MICHIGAN STUDENTS, 1938-39*
			Number of Schools 1937-38		Graduates 1937-38			
			Public	Non-Public	Public	Non-Public		
Kent.....	240,511	9,838	20	5	2,067	372	18	642
Keweenaw.....	5,076	0	0	0	0	0	0	9
Lake.....	4,066	180	2	0	25	0	0	17
Lapeer.....	28,348	1,325	6	0	227	0	4	48
Leelanau.....	8,206	394	2	1	37	10	0	17
Lenawee.....	49,849	2,622	12	4	561	54	8	103
Livingston.....	19,274	994	5	0	210	0	4	44
Luce.....	6,528	289	1	0	41	0	0	11
Mackinac.....	8,783	304	2	0	60	0	0	9
Macomb.....	77,146	4,234	14	1	607	39	16	145
Manistee.....	17,409	948	7	0	191	0	3	37
Marquette.....	44,076	2,066	9	3	434	100	6	97
Mason.....	18,756	961	3	1	190	14	2	52
Mecosta.....	15,738	935	5	1	190	17	0	19
Menominee.....	23,652	1,265	3	0	190	0	3	45
Midland.....	19,150	1,220	2	0	221	0	2	47
Missaukee.....	6,992	347	2	0	50	0	0	8
Monroe.....	52,485	1,897	6	1	305	55	13	113
Montcalm.....	27,471	1,557	11	1	325	12	6	36
Montmorency.....	2,814	222	1	0	26	0	0	1
Muskegon.....	84,630	4,105	6	3	704	57	7	175
Newaygo.....	17,029	899	4	0	154	0	1	20
Oakland.....	211,251	12,282	23	7	2,211	266	57	786
Oceana.....	13,805	641	5	0	153	0	0	29
Ogemaw.....	6,595	356	2	0	42	0	0	8
Ontonagon.....	11,114	598	6	0	125	0	0	20
Osceola.....	12,806	788	4	0	134	0	0	10
Oscoda.....	1,728	152	2	0	29	0	0	6
Otsego.....	5,554	221	2	1	18	13	1	11
Ottawa.....	54,858	2,625	6	1	482	40	5	114
Presque Isle.....	11,330	508	2	0	109	0	2	10
Roscommon.....	2,055	167	2	0	30	0	0	10
Saginaw.....	120,717	5,260	5	5	539	144	21	407
Saint Clair.....	67,563	2,978	10	2	1,029	67	3	117
Saint Joseph.....	30,618	1,561	8	0	348	0	5	73
Sanilac.....	27,751	1,344	8	0	285	0	1	45
Schoolcraft.....	8,451	453	2	0	94	0	0	18
Shiawassee.....	39,517	2,062	7	1	358	27	8	106
Tuscola.....	32,934	1,655	10	0	309	0	4	54
Van Buren.....	32,637	1,889	11	0	416	0	7	90
Washtenaw.....	65,530	3,135	8	3	627	139	163	1,752
Wayne.....	1,888,946	80,889	40	42	13,237	1,813	249	3,387
Wexford.....	16,827	1,052	4	0	217	0	2	13
Total.....	4,842,325	229,383	511	111	41,203	4,018	805	12,074

\* Including Regular Session, Extension, and 1938 Summer Session.



TABLE VII  
1938-1939 ENROLLMENT BY STATES

STATES*	REGULAR SESSION											Net Total Regular Session	1938 Summer Session	Extension Service	Net Total Entire University		
	L., S., & A.	Engineering	Medicine	Law	Pharmacy	Dentistry	Architecture	Education	Business Ad.	For. & Con.	Nursing					Music	Graduate
Alabama.....	7	3	1	..	..	..	..	..	2	..	..	1	9	21	34	..	51
Arizona.....	4	2	1	..	..	..	..	..	..	..	..	..	4	11	9	..	19
Arkansas.....	..	1	..	..	..	..	1	..	..	1	..	..	2	5	14	..	19
California.....	9	7	2	5	1	3	3	..	1	1	..	2	21	52	28	..	73
Colorado.....	8	4	1	4	2	..	5	..	1	2	1	4	9	39	21	..	52
Connecticut.....	42	25	..	5	5	5	4	..	2	3	..	2	16	106	40	1	135
Delaware.....	1	2	..	1	..	..	..	..	..	1	..	..	1	6	4	..	8
Dist. of Columbia.....	13	10	..	1	..	..	..	1	3	2	1	2	5	36	19	..	48
Florida.....	12	11	..	1	1	..	..	..	..	..	..	1	9	34	40	1	69
Georgia.....	2	1	..	1	..	..	..	2	1	1	1	..	9	18	33	..	49
Idaho.....	1	3	2	1	..	..	..	..	..	..	3	2	3	12	2	..	14
Illinois (4).....	262	131	7	66	2	1	14	38	8	17	3	13	54	608	295	20	830
Indiana (6).....	115	24	4	27	..	..	16	21	6	4	7	23	30	273	156	9	390
Iowa.....	17	7	..	9	..	..	1	9	2	..	1	5	15	65	54	6	108
Kansas.....	6	2	1	10	..	..	1	1	1	2	..	2	11	37	61	2	94
Kentucky.....	10	3	1	4	..	..	3	..	..	..	..	..	17	38	53	2	85
Louisiana.....	..	..	1	..	..	..	..	..	..	..	..	2	9	12	26	1	34
Maine.....	8	3	1	2	..	1	..	..	..	..	..	1	3	19	4	..	21
Maryland.....	14	11	1	..	2	..	1	..	1	2	..	1	2	34	14	..	47
Massachusetts (9).....	76	21	4	2	2	2	2	10	3	5	1	7	25	159	44	..	184

Michigan (1).....	2,572	1,017	375	272	38	120	194	247	90	53	165	122	1,924	7,044	3,041	3,554	12,074
Minnesota.....	17	2	2	6	..	..	1	..	1	1	..	5	13	48	39	7	87
Mississippi.....	3	..	..	1	..	..	..	..	..	..	..	..	6	12	..	..	20
Missouri (8).....	33	14	..	6	2	..	3	12	..	3	1	5	29	106	107	1	202
Montana.....	1	3	3	..	..	..	1	3	..	..	..	1	9	21	11	..	29
Nebraska.....	9	3	..	4	..	..	..	7	..	1	..	5	9	37	34	..	64
Nevada.....	2	1	..	..	..	..	..	..	..	..	..	..	1	4	..	..	5
New Hampshire.....	5	4	..	1	..	..	..	..	..	1	..	1	2	14	4	..	18
New Jersey (7).....	125	79	5	6	1	6	6	6	4	2	..	3	30	262	54	1	281
New Mexico.....	1	2	..	3	..	..	1	1	..	2	..	..	4	14	11	..	25
New York (2).....	645	396	16	34	12	26	31	41	22	15	3	9	119	1,330	327	4	1,495
North Carolina.....	2	2	1	1	..	..	1	1	..	..	..	3	12	23	56	..	73
North Dakota.....	5	1	..	4	..	..	..	3	..	..	2	..	4	19	11	1	30
Ohio (3).....	308	118	26	58	5	5	20	57	11	24	22	19	125	783	377	154	1,183
Oklahoma.....	8	5	..	5	..	..	1	1	1	2	1	1	6	31	31	..	58
Oregon.....	1	2	1	4	..	..	..	..	..	1	..	..	6	15	2	..	16
Pennsylvania (5).....	166	75	3	33	4	1	9	7	7	2	1	11	58	365	186	4	500
Rhode Island.....	2	..	1	2	..	..	..	..	..	1	..	..	2	8	1	..	8
South Carolina.....	1	1	..	..	..	..	..	1	..	3	..	..	8	15	32	..	44
South Dakota.....	5	4	1	1	..	..	..	1	..	2	..	1	6	21	10	1	32
Tennessee.....	9	8	..	4	..	..	..	2	1	2	1	3	5	33	30	..	58
Texas.....	6	7	..	..	..	..	..	..	1	..	..	4	16	33	57	1	82
Utah.....	..	1	..	1	..	..	2	..	..	..	..	1	6	11	13	1	22
Vermont.....	11	7	..	..	..	..	..	2	..	1	..	1	2	24	9	..	32
Virginia.....	4	10	2	2	..	..	1	..	..	1	..	3	18	41	58	1	92
Washington.....	5	3	4	2	..	3	2	1	..	1	..	2	5	27	17	..	42
West Virginia.....	15	10	3	3	1	..	2	4	1	4	..	1	9	51	61	..	102
Wisconsin (10).....	28	24	1	9	..	..	5	12	4	22	..	2	17	120	67	5	170
Wyoming.....	6	1	..	1	..	..	..	1	1	..	..	..	2	11	3	..	13
<b>Total, U.S.....</b>	<b>4,602</b>	<b>2,072</b>	<b>471</b>	<b>602</b>	<b>78</b>	<b>170</b>	<b>331</b>	<b>495</b>	<b>174</b>	<b>186</b>	<b>211</b>	<b>272</b>	<b>2,707</b>	<b>12,108</b>	<b>5,610</b>	<b>3,777</b>	<b>19,187</b>

\* The ten states sending the most students are indicated by figures in parentheses.

TABLE VIII  
1938-1939 ENROLLMENT IN COUNTRIES, PROVINCES, ETC., OUTSIDE CONTINENTAL UNITED STATES

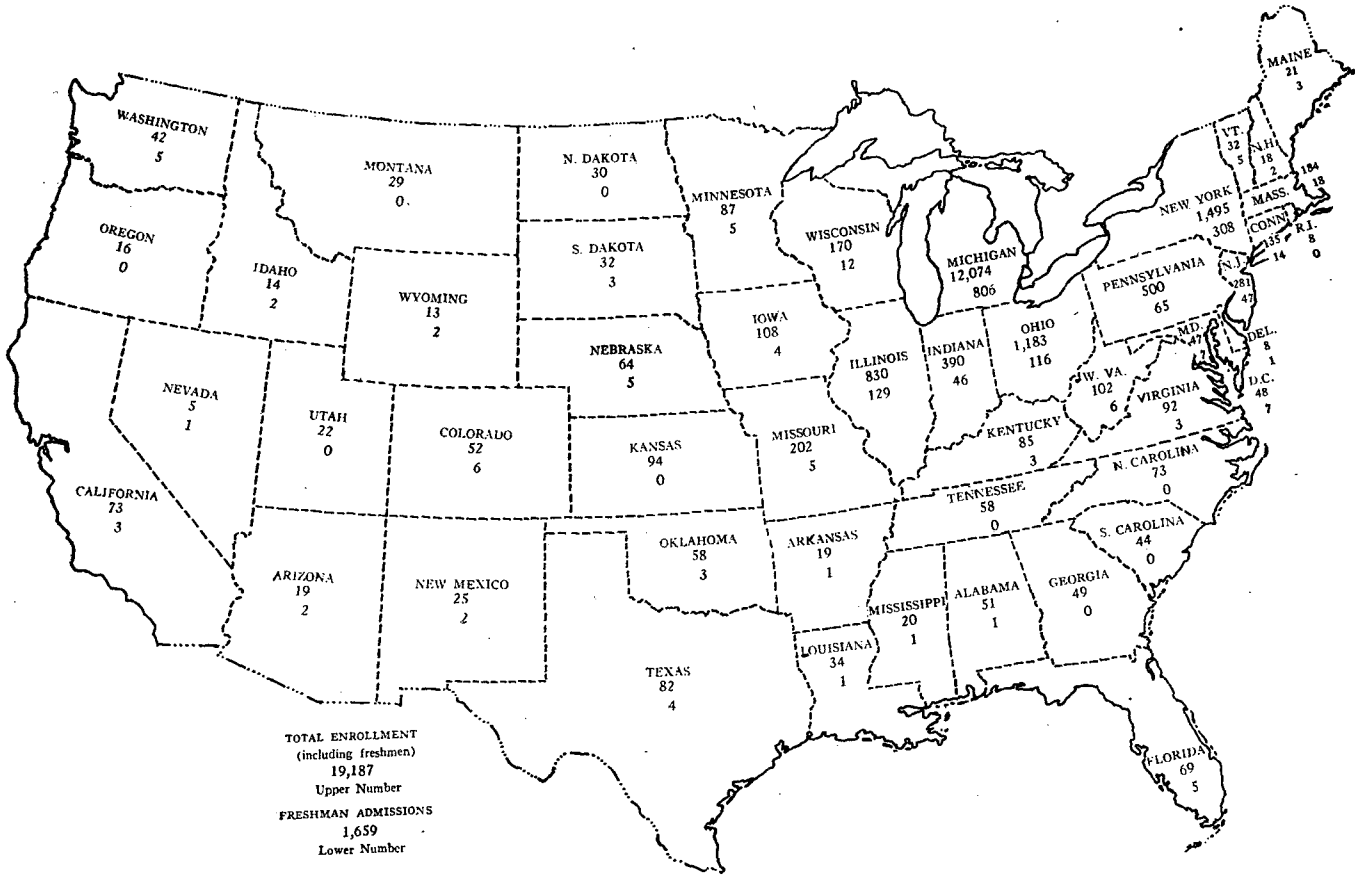
COUNTRIES, PROVINCES, ETC.	REGULAR SESSION											Net Total Regular Session	1938 Summer Session	Extension Service	Net Total Entire University		
	L., S., & A.	Engineering	Medicine	Law	Pharmacy	Dentistry	Architecture	Education	Business Ad.	For. & Con.	Nursing					Music	Graduate
Alaska.....	..	..	..	..	..	..	..	..	..	..	..	..	2	2	2	..	4
Argentina.....	..	1	..	..	..	..	..	..	..	..	..	..	2	3	..	..	3
Bermuda Islands.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1
Bolivia.....	..	1	..	..	..	..	..	..	..	..	..	..	..	1	1	..	1
Canada:																	
Alberta.....	..	2	..	..	..	..	..	..	..	..	..	..	2	4	6	..	8
British Columbia.....	..	1	..	..	..	..	..	..	..	..	..	..	2	3	2	1	5
Manitoba.....	..	1	..	..	..	..	..	..	..	..	..	..	1	1	1	..	2
Ontario.....	13	28	..	3	..	3	1	..	..	1	..	..	12	61	25	12	87
Quebec.....	1	5	..	..	..	1	..	..	..	..	..	..	..	7	8	..	13
Saskatchewan.....	1	..	..	..	..	..	..	..	..	1	..	..	1	3	2	..	3
Canal Zone.....	2	..	..	1	..	..	..	..	..	1	..	..	..	3	2	..	5
China.....	2	14	4	1	..	3	..	..	2	..	..	..	84	112	70	..	133
Columbia.....	1	4	..	..	..	5	..	..	..	..	..	..	..	9	3	..	9
Czechoslovakia.....	1	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1
East Indies.....	..	1	..	..	..	..	..	..	..	..	..	..	..	1	1	..	1
England.....	..	..	..	..	..	1	..	..	..	..	..	..	2	3	..	..	3
Fed. Malay St.....	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	1

Germany.....	1	1	..	..	..	..	..	..	..	..	1	3	1	..	3		
Hawaii.....	3	..	2	6	..	..	1	..	..	..	5	17	5	..	19		
Hungary.....	..	..	..	..	..	..	..	..	..	..	1	1	..	..	1		
India.....	..	1	..	..	..	..	..	..	..	..	4	5	3	..	5		
Indo-China.....	..	..	..	..	..	..	..	..	..	..	1	1	..	..	1		
Iraq.....	1	4	..	..	..	..	..	..	..	..	..	5	..	..	5		
Italy.....	1	..	..	..	..	..	..	..	..	..	..	1	..	..	1		
Japan.....	1	..	..	..	..	..	..	..	..	..	5	6	3	..	6		
Korea.....	..	..	..	..	..	1	..	..	..	1	..	2	..	..	2		
Lithuania.....	..	1	..	..	..	..	..	..	..	..	..	1	..	..	1		
Madeira Islands.....	..	1	..	..	..	..	..	..	..	..	..	1	..	..	1		
Mexico.....	1	..	..	..	..	..	..	..	..	..	..	1	2	..	3		
Netherlands.....	..	..	..	..	..	1	..	..	..	..	..	1	..	..	1		
Newfoundland.....	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1		
Palestine.....	..	..	..	..	1	..	..	..	..	..	..	1	1	..	1		
Panama.....	..	2	..	..	..	..	..	..	..	..	..	2	1	..	2		
Philippine Islands.....	..	3	1	..	..	..	..	..	..	..	13	17	5	..	18		
Siam.....	..	..	..	..	..	..	..	..	..	..	6	6	3	..	7		
South Africa.....	..	..	..	..	..	..	..	..	..	..	1	1	..	..	1		
Spain.....	..	..	..	..	..	..	..	..	..	..	1	1	..	..	1		
Switzerland.....	1	..	..	..	..	1	..	..	..	..	..	2	..	..	2		
Syria.....	..	1	..	..	..	..	..	..	..	..	1	2	..	..	2		
Transjordania.....	..	1	..	..	..	..	..	..	..	..	..	1	..	..	1		
Turkey.....	..	3	..	..	..	..	..	..	..	..	12	15	6	..	17		
Venezuela.....	..	..	..	..	..	..	..	..	..	..	1	1	..	..	1		
West Indies.....	1	6	2	..	1	1	..	..	..	..	5	16	7	..	21		
Total.....	32	81	9	10	1	2	17	1	2	..	3	5	166	326	161	13	404
Total, U.S.....	4,602	2,072	471	602	78	170	331	495	174	186	211	272	2,707	12,108	5,610	3,777	19,187
Total Students.....	4,634	2,153	480	612	79	172	348	496	176	186	214	277	2,873	12,434	5,771	3,790	19,591

TABLE IX  
CREDIT AND NONCREDIT COURSES, INSTITUTES, AND CONFERENCES  
1938-1939 ENROLLMENT

GROUP	PERIOD OF STUDY	ENROLLMENT			GROUP TOTALS		
		Men	Women	Total	Men	Women	Total
TOTAL CREDIT ENROLLMENT .....					12,238	7,353	19,591
NONCREDIT COURSES							
Extension Service:							
Noncredit Class (Regular Session) .....	Semester	618	1,887	2,505			
Noncredit Class (Summer Session) .....	Summer	36	50	86			
Noncredit Correspondence (Regular Session) .....	Varies	293	259	552			
Noncredit Correspondence (Summer Session) .....	Varies	11	2	13			
Net Totals .....		958	2,198	3,156			
Postgraduate Medicine .....	Varies	2,204	88	2,292			
Postgraduate Dentistry .....	Varies	107	2	109			
Special Students in the School of Music .....	Summer	53	59	112			
Music Clinic for High-School Boys and Girls .....	July 11-July 29	74	31	105			
Physics Symposium .....	Anytime between June 27-Aug. 19	113	11	124			
Graduate Guests .....	Summer	71	22	93			
Postgraduate Forestry .....	Jan. 3-Jan. 27 inclusive	10	...	10			
	Feb. 1-Feb. 10 inclusive	8	...	8			
Total Noncredit Course Enrollment .....					3,598	2,411	6,009
Total .....					15,836	9,764	25,600
Duplicates .....					229	121	350
Net Total Credit and Noncredit Course Enrollment..					15,607	9,643	25,250

NONCREDIT INSTITUTES AND CONFERENCES				
Institute of Applied Mechanics .....	Summer	70	...	70
Conference on International Law .....	June 27-July 29	30	11	41
Ninth Summer Educational Conference .....	July 5-July 15	97	56	153
Assessors' Institute .....	July 11-July 12	41	...	41
Fourth Annual Conference on Religion .....	July 11-July 15	200	100	300
Round Table Conference on Reading Problems of Teaching .....	July 11-July 15	93	338	431
Ordnance Camp .....	July 31-Aug. 13	36	...	36
National Institute for Traffic Safety Training .....	Aug. 8-Aug. 20	123	10	133
Parent Education Institute .....	Nov. 2-Nov. 5	54	614	668
Great Lakes Regional Conference on Adult Education .....	Dec. 2-Dec. 3	132	176	308
Curriculum Conference .....	Jan. 14	97	123	220
Twenty-fifth Annual Michigan Highway Conference .....	Feb. 15-Feb. 19	479	...	479
Assessors' Institute .....	March 20-March 21	28	...	28
Michigan-Ohio Foremen's Conference .....	April 22	757	...	757
Seventh Annual Adult Education Institute .....	May 1-May 6	...	637	637
Coal Utilization Institute .....	May 16, 17, 18	168	2	170
National Conference on Airport Construction .....	June 7-June 9	121	...	121
Twelfth National Meeting of the Oil and Gas Power Division of the A.S.M.E. ....	June 19-June 22	200	25	225
University of Michigan Law Institute .....	June 22-June 24	176	...	176
Total Institute and Conference Enrollments .....				2,902 2,092 4,994
Total .....				18,509 11,735 30,244
Duplicates (estimated) .....				325 350 675
Net Total, Credit and Noncredit Courses, Institutes, and Conferences .....				18,184 11,385 29,569



*Withdrawals.*—The 1938-39 withdrawal studies appearing on pages 224-25 include only those departures which took place during the Regular Session. Cases in which the student left the University at the close of the second semester without the faculty action "Home" or "Not to return without the consent of the Administrative Board" have not been considered. Instances in which the student was asked to leave the University because of poor scholarship, but was immediately reinstated, have been included, although there was no actual interruption in the course of study. In February, the table shows 49 cases of this nature in the College of Engineering, where no corresponding figure appears for the previous year. This is due to a change in the method of recording such cases on the permanent record rather than to any alteration in the policy of the College.

Perhaps the most equitable comparison of the withdrawals of the present year with those of the preceding year may be made by taking into consideration only those students who left sometime between September and June and did not return. Deducting those cases of students who were sent home in February and immediately reinstated, those sent home in June who left, those sent home in June and immediately reinstated, and those receiving the action "Not to return without the consent of the Administrative Board" in June, the separations for 1938-39 were 1,393. This compares with 1,227 similar cases for the year 1937-38.

It is realized that, in many instances, the students do not give the complete or correct reason for withdrawal. In cases where students leave the University in February, no formal statement concerning the reasons for the departures are required. Where no reasons are known, we have had to be content with an analysis of the satisfactory or unsatisfactory status of the records at the time of withdrawal.

*Degrees.*—During 1938-39, 3,178 degrees in course, the largest number ever granted, were conferred. This was 235 more than the number in 1937-38. Twenty-five years ago, in 1914-15, the University conferred only 1,234 degrees. During the twenty-five-year period, the gain in number of degrees granted has been a steady one, with only seven of the years showing decreases over the preceding year. The low point of the period was in 1918-19, when the World War took its toll of degree candidates and the University graduated only 833 students.

The chief task of the University is to prepare students for work in fields in which advanced education is desirable, if not required. It is a source of satisfaction, therefore, that the number receiving the official badge of the University indicating that they are so trained has increased approximately 150 per cent during the last quarter of a century.



**TABLE X**  
**ANALYSIS OF WITHDRAWALS BY CAUSE**  
**SEPTEMBER, 1938—JUNE, 1939**

CAUSE OF WITHDRAWAL	L., S., & A.													Duplicates	Net Total			
	L.	S.	A.	Eng.	Med.	Law	Pharm.	Dent.	Arch.	Ed.	Bus. Ad.	For. & Con.	Nurs.			Music	Grad.	
1. Home action:																		
February—left.....	78	76	4	..	..	..	2	1	..	2	2	8	1	..	..	..	..	174
February—immediately reinstated.....	68*	49*	1*	..	..	..	..	..	..	..	..	..	..	..	..	..	..	121*
June—left.....	167	158	9	71	5	7	5	6	6	..	..	..	3	..	..	..	..	437
June—immediately reinstated.....	6	30	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	38
Other times—left.....	..	..	..	..	..	..	..	..	..	..	..	2	..	..	..	..	..	2
2. Not to return without the consent of the Administrative Board:																		
February.....	16	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	16
June.....	35	..	..	..	..	..	..	..	..	..	..	..	4	..	..	..	..	39
Other times.....	26	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	26
3. Ill health.....	61	20	3	7	1	1	4	6	1	1	..	2	21	..	..	1	..	127
4. Financial difficulties.....	17	14	3	1	..	..	4	1	..	1	..	1	1	3	..	..	..	45
5. Attending school elsewhere.....	3	..	1	2	..	..	..	2	..	..	..	..	..	..	..	..	..	8
6. Family illness and need.....	6	1	1	..	..	..	..	1	..	..	..	1	1	6	..	..	..	17
7. Employment.....	6	15	..	4	..	..	2	2	1	2	1	..	27	..	..	..	..	60
8. Not specified—average less than "C" for final semester.....	39	22	..	1	1	4	10	16	2	1	5	3	4	..	..	..	..	108
9. Not specified—satisfactory average for final semester.....	64	31	5	4	3	1	16	69	8	4	5	9	440	2	..	..	..	657
10. Transfer within the University other than graduation.....	33	32	7	1	1	..	4	4	3	..	1	5	10	..	..	..	..	(101)
11. Graduation and transfer within the University.....	29	17	..	..	..	..	1	5	..	..	..	..	..	..	..	..	..	(52)
12. Graduation—left.....	64	53	4	15	2	..	3	12	1	3	..	5	79	..	..	..	..	241
Total.....	718	518	38	106	13	17	50	124	24	17	23	34	590	3	..	..	..	2,116†
Duplicates.....	41	38	3	..	..	..	..	..	..	..	..	..	..	6	..	..	..	88
Net Total.....	677	480	35	106	13	17	50	124	24	17	23	34	590	9	..	..	..	2,028†

NOTE.—Withdrawals at the close of the second semester which were not accompanied by a "Home" or "N.T.R." action have been disregarded. Students who withdrew during the first semester and re-entered the same school for the second semester have also been disregarded.

\* The 68 L., S., and A. students reinstated immediately after a February Home action received the following June actions: No Action—1 (transfer); Home—32; N.T.R.—1; Probation—20; Raised Probation—5; Withdraw During Semester—7; Action Deferred—2.

† The 49 Engineering students received the following June actions: Home—29; Home—immediately reinstated—4; Probation Raised—12; Withdrew during Semester—4.

The 1 Medical student received an action of Probation Continued in June.

The 3 Forestry students received the following June actions: Probation Continued—2; Action Deferred—1.

† Totals for (10) and (11) have not been included since they are not withdrawals from the University.

**TABLE XI**  
**ANALYSIS OF WITHDRAWALS BY DATE**  
**SEPTEMBER, 1938—JUNE, 1939**

DATE OF WITHDRAWAL	L., S., & A.											Duplicates	Net Total		
	Eng.	Med.	Law	Pharm.	Dent.	Arch.	Ed.	Bus. Ad.	For. & Con.	Nurs.	Music			Grad.	
October.....	12	8	2	..	..	1	..	..	1	2	..	11	..	37	
November.....	17	8	3	4	..	2	5	..	1	1	..	14	..	61	
December.....	13	4	..	2	..	1	1	..	1	1	..	9	..	31	
January.....	18	4	1	1	..	1	2	2	..	1	1	5	..	38	
February:															
Withdrawal.....	262	172	12	24	3	5	28	95	9	11	8	18	514	3	1,158
Transfer within the University.....	62	49	7	1	1	..	5	9	3	..	1	5	10	..	(153)
Immediate reinstatement.....	68	49	1	..	..	..	..	..	..	3	..	..	..	..	121
March.....	24	14	2	1	1	..	2	4	..	..	1	1	11	..	62
April.....	18	9	1	1	..	..	1	2	1	..	4	..	8	1	43
May.....	15	11	..	1	1	..	3	1	..	..	4	1	7	1	43
June*.....	209	189	9	71	5	9	6	6	6	..	..	8	1	..	519
Total.....	718	517	38	106	13	17	50	124	24	17	23	34	590	5	2,113†
Duplicates†.....	41	37	3	..	..	..	..	..	..	..	..	..	..	4	85
Net Total.....	677	480	35	106	13	17	50	124	24	17	23	34	590	9	2,028‡

\* This includes June withdrawals before the close of the semester and June "Home" and "N.T.R." withdrawals at the close.

† Duplicates between February reinstatement and June "Home" or "N.T.R."

‡ Transfers within the University have not been included.

TABLE XII

DEGREES AND CERTIFICATES CONFERRED IN 1938-1939

	<i>Years of University Study Required</i>	<i>Men</i>	<i>Women</i>	<i>Total</i>
<b>College of Literature, Science, and the Arts</b>				
Bachelor of Arts .....	4	536	334	870
Bachelor of Arts in Library Science .....	5	13	19	32
Bachelor of Science .....	4	57	18	75
Bachelor of Science in Chemistry .....	4	13	1	14
Bachelor of Science in Medicine .....	4	1	0	1
<b>College of Engineering</b>				
Bachelor of Science in Engineering				
Aeronautical Engineering .....	4 plus 1 S.S.	60	0	60
Astronomy .....	4 plus 1 S.S.	1	0	1
Business Administration .....	4 plus 1 S.S.	7	0	7
Chemical Engineering .....	4 plus 1 S.S.	77	0	77
Civil Engineering .....	4 plus 1 S.S.	25	0	25
Electrical Engineering .....	4 plus 1 S.S.	48	0	48
Engineering Mechanics .....	4 plus 1 S.S.	3	0	3
Geodesy and Surveying .....	4 plus 1 S.S.	1	0	1
Law .....	4 plus 1 S.S.	1	0	1
Mathematics .....	4 plus 1 S.S.	7	0	7
Mechanical Engineering .....	4 plus 1 S.S.	134	0	134
Metallurgical Engineering .....	4 plus 1 S.S.	16	0	16
Naval Architecture and Marine Engi- neering .....	4 plus 1 S.S.	16	0	16
Physics .....	4 plus 1 S.S.	7	0	7
Transportation .....	4 plus 1 S.S.	5	0	5
<b>Medical School</b>				
Doctor of Medicine .....	8 { or 7 on the com- bined curriculum }	90	12	102
<b>Law School</b>				
Bachelor of Laws .....	7 { or 6 on the com- bined curriculum }	131	2	133
Juris Doctor .....				
Doctor of Juridical Science .....	8 { or 7 on the com- bined curriculum plus at least 1 year original study outside }	3	0	3
<b>College of Pharmacy</b>				
Bachelor of Science in Pharmacy .....	4	14	2	16
<b>School of Dentistry</b>				
Doctor of Dental Science .....	6 plus outstanding professional achievements	1	0	1
Doctor of Dental Surgery .....	6	32	1	33
<b>College of Architecture</b>				
Bachelor of Architecture				
Architecture .....	5	4	0	4
Architectural Engineering .....	5	1	0	1
Bachelor of Design .....	4	4	20	24
Bachelor of Science in Architecture				
Architecture .....	4	18	0	18
Architectural Engineering .....	4	7	0	7

TABLE XII (Continued)

	<i>Years of University Study Required</i>	<i>Men</i>	<i>Women</i>	<i>Total</i>
<b>School of Education</b>				
Bachelor of Arts in Education .....	4	17	51	68
Bachelor of Science in Education .....	4	17	26	43
<b>School of Business Administration</b>				
Master of Business Administration .....	6 { or 5 on the com- bined curriculum }	50	2	52
<b>School of Forestry and Conservation</b>				
Bachelor of Science in Forestry .....	4 plus 1 S.S.	68	1	69
Bachelor of Science in Forestry (Wood Technology) .....	4 plus 1 S.S.	1	0	1
Master of Forestry .....	5 plus 1 S.S.	20	0	20
Master of Forestry (Wood Technology) .	5 plus 1 S.S.	1	0	1
<b>School of Music</b>				
<b>Bachelor of Music</b>				
Harp .....	4	0	2	2
Music Literature .....	4	1	1	2
Organ .....	4	0	1	1
Piano .....	4	1	5	6
Public School Music .....	4	15	12	27
Theory .....	4	1	1	2
Voice .....	4	0	1	1
<b>Master of Music</b>				
Composition .....	5	2	0	2
Musicology .....	5	3	2	5
Organ .....	5	5	0	5
Piano .....	5	1	5	6
Public School Music .....	5	19	5	24
Theory .....	5	3	3	6
Violin .....	5	1	1	2
Violoncello .....	5	0	1	1
Voice .....	5	3	1	4
<b>Rackham School of Graduate Studies</b>				
Master of Arts .....	5	331	227	558
Master of Arts in Library Science .....	6	6	16	22
Master of Arts in Social Work .....	5	0	5	5
Master of Design .....	5	1	2	3
Master of Landscape Design .....	5	3	2	5
Master of Public Administration .....	6	3	0	3
Master of Science .....	5	226	25	251
Master of Science in Architecture .....	5	1	0	1
Master of Science in Chemistry .....	5	8	0	8
Master of Science in Engineering .....	5 plus 1 S.S.	22	0	22
Master of Science in Industrial Engineering	5	3	0	3
Master of Science in Public Health....	5 plus 3 mos. prac. exp.	47	20	67
Master of Social Work .....	6	2	2	4
Mechanical Engineer .....	{ 4 undergrad. yrs. plus 5 yrs. pro- fessional exp. plus 1 graduate year }	1	0	1
Doctor of Philosophy .....	7	71	12	83
Doctor of Public Health .....	7	2	0	2
Doctor of Science .....	7	4	0	4

TABLE XII (Continued)

	<i>Years of University Study Required</i>	<i>Men</i>	<i>Women</i>	<i>Total</i>
<b>Special Certificates and Diplomas</b>				
Certificate in Anesthesia .....	1 calendar year	0	8	8
Certificate in Journalism (granted with degree) .....	4	4	5	9
Certificate for Proficiency in Postgraduate Medicine .....	Varies	33	0	33
Certificate in Public Health Nursing .....	1½	0	38	38
Certificate in Social Work .....	4 plus 1 yr. prac. exp.	0	9	9
<b>Teacher's Certificates (granted with degree)</b>				
<b>Michigan College Life Certificates</b>				
College of Literature, Science, and the Arts .....	4	105	49	154
College of Architecture .....	4	6	0	6
School of Education .....	4	67	28	95
Horace H. Rackham School of Graduate Studies .....	4	6	7	13
<b>Junior College Permanent Certificates</b>				
Horace H. Rackham School of Graduate Studies .....	4	7	0	7
Registered Nurse's Diplomas .....	3 calendar years	0	49	49
<b>Commissions</b>				
<b>U.S. Army Officers Reserve Corps</b>				
Corps of Engineers .....	4 plus 1 S.S.	16	0	16
Field Artillery .....	4 plus 1 S.S.	1	0	1
Infantry .....	4 plus 1 S.S.	21	0	21
Ordnance .....	4 plus 1 S.S.	25	0	25
Signal Corps .....	4 plus 1 S.S.	2	0	2
U.S. Marine Corps .....	4 plus 1 S.S.	1	0	1
<b>Honorary Degrees</b>				
Master of Arts:	William Herbert Hobbs			
Charles Ward Seabury	Frank William Murphy			
Master of Engineering:	Doctor of Letters:			
Robert Samuel Archer	Edwin Carl Lothar Clemens			
Doctor of Education:	Roedder			
Allen Sisson Whitney	Doctor of Music:			
Doctor of Engineering:	Edward Johnson			
Adolphus Mansfield Dudley	Doctor of Science:			
Bryson Dexter Horton	Ward J. MacNeal			
Doctor of Laws:	Walter Mulford			
Martin Henry Carmody	Peyton Rous			
Guy Stanton Ford				

SUMMARY OF DEGREES AND CERTIFICATES CONFERRED IN 1938-39

	<i>Men</i>	<i>Women</i>	<i>Total</i>
Total Degrees in Course .....	2,336	842	3,178
Special Certificates and Diplomas .....	228	193	421
Commissions .....	66	0	66
Honorary Degrees .....	14	0	14

NOTE.—2,943 degrees in course, 407 special certificates and diplomas, 65 commissions, and 13 honorary degrees were granted in 1937-38.

*Faculty statistics.*—Four professors and 4 associate professors were added to the 1938–39 emeritus list. The professors were: Earle Wilbur Dow, A.B., Professor Emeritus of History; James Waterman Glover, A.M., Ph.D., Professor Emeritus of Mathematics; Clarence Linton Meader, A.M., Ph.D., Professor Emeritus of General Linguistics; Henry Arthur Sanders, A.M., Ph.D., Professor Emeritus of Latin. The associate professors were: Jonathan Augustus Charles Hildner, Ph.D., Associate Professor Emeritus of German; Margaret Mann, Associate Professor Emeritus of Library Science; George Carroll Cone, B.S. in L.A., Associate Professor Emeritus of Landscape Design; John Henry Ehlers, Ph.D., Associate Professor Emeritus of Botany. Reference Librarian Emeritus Byron Alfred Finney, A.B., was lost to the University through death, May 31, 1938.

Although the 1938–39 Regular Session enrollment increased 5.6 per cent, the number of faculty members through the rank of instructor, based upon the budget as it was originally adopted, was 3 less than it was in 1937–38. In the 1938 Summer Session, the enrollment increased 12.9 per cent, and the number of faculty members decreased 2. Detailed figures, showing the faculty distribution according to sex and Schools and Colleges, follow:

## FACULTY STATISTICS

1938–1939

### UNIVERSITY STAFF BY RANKS

#### 1. Officers and Faculty Emeritus:

Dean Emeritus of Women .....	1
Dean Emeritus of the Colleges of Engineering and Architecture .....	1
Dean Emeritus of the Medical School .....	1
Dean Emeritus of the School of Education .....	1
Professors Emeritus:	
College of Literature, Science, and the Arts .....	15
Medical School .....	6
Law School .....	2
College of Pharmacy .....	1
School of Dentistry .....	1
School of Education .....	1
Director Emeritus of the University Extension Service .....	1
Associate Librarian Emeritus .....	1
Associate Professors Emeritus:	
College of Literature, Science, and the Arts .....	5
<hr/>	
Total .....	37
*Duplicates .....	3
<hr/>	
Net Total .....	34

\* Dean Emeritus of the School of Education and Professor Emeritus of Educational Administration and Supervision; Dean Emeritus of the Medical School and Professor Emeritus of Bacteriology. Director Emeritus of the University Extension Service and Professor Emeritus.

FACULTY STATISTICS (Continued).

	Men	Women	Total
2. Teaching Faculty:			
*Regular Session:			
Professors .....	231	4	235
Associate Professors .....	139	7	146
Assistant Professors .....	166	12	178
Instructors .....	176	35	211
Total .....	712	58	770
1938 Summer Session:			
Professors .....	122	4	126
Associate Professors .....	70	8	78
Assistant Professors .....	84	4	88
Instructors .....	72	26	98
Total .....	348	42	390
Net Total, Regular Session and 1938 Summer Session:			
Professors .....	250	5	255
Associate Professors .....	141	10	151
Assistant Professors .....	168	12	180
Instructors .....	182	45	227
Total .....	741	72	813
Extension Service:			
Credit Courses			
Class .....	73	8	81
Correspondence .....	8	5	13
Noncredit Courses			
Class .....	42	7	49
Correspondence .....	17	9	26
Duplicates between Credit and Noncredit			
Class .....	—6	0	—6
Correspondence .....	—7	—4	—11
Total .....	127	25	152

\* Based upon the budget as originally adopted.

1938-1939 DISTRIBUTION OF TEACHING FACULTY BY SCHOOLS AND COLLEGES

RANK	L., S., & A.														Total for Academic Year†	1938 Summer Session	Net Total 1938-39	
	Eng.	Arch.	Med.	Law	Pharm.	Dent.	Ed.	Bus. Ad.	For. & Con.	Nursing	Music	Graduate*	Hyg. & P.H. & Phys. Ed.	Mil. Sci.				
Professor.....	98	43	4	23	16	2	9	13	8	7	..	6	4	6	1	235	126	255
Associate Professor.....	72	27	5	19	1	1	..	8	3	5	..	3	2	2	..	146	78	151
Assistant Professor.....	82	33	6	25	2	1	6	4	2	..	..	3	1	4	7	178	88	180
Instructor.....	60	19	6	66	..	..	16	6	1	..	..	9	15	13	..	211	98	227
Total.....	312	122	21	133	19	4	31	31	14	12	9	32	7	25	8	770	390	813

\* Other faculty teaching graduate courses are included in the other Schools and Colleges.

† The following duplicates have been deducted from these totals: Professors, L., S., & A.-Ed., 2; L., S., & A.-Grad, 2; L., S., & A.-Bus. Ad., 1; Associate Professors, L. S., & A.-Grad., 1; Ed.-Phys. Ed., 1; Assistant Professors, L., S., & A.-Ed., 1; L., S., & A.-Bus. Ad., 1; Ed.-Phys. Ed., 1; Instructors, Med.-Nurs., 1; Ed.-Phys. Ed., 1; Med.-Hyg. & P. H., 1.



*The Honors Convocation.*—The sixteenth Annual Honors Convocation was held Friday, April 28, 1939, in Hill Auditorium, at eleven o'clock. Guy Stanton Ford, B.L., Ph.D., LL.D., D.Litt., President of the University of Minnesota, was the principal speaker for the occasion.

The number of juniors, sophomores, and recipients of special scholarships and fellowships in the Graduate School who were invited to be guests of honor at this time remained about the same as in the previous year. The increase of 62 in the total number of guests was contributed by the seniors, freshmen, other honor students, and recipients of special scholarship awards. Figures showing the number of students honored in the various groups follow:

HONORS CONVOCATION  
1939

	Men	Women	Total
Seniors with average of at least "B," and holding rank in the highest 10 per cent of the class .....	164	57	221
Students with an average of at least ½ "A" and ½ "B"			
Juniors .....	56	26	82
Sophomores .....	63	22	85
Freshmen .....	71	40	111
Graduate School			
Fellowships and scholarships .....	78	18	96
Other honor students .....	167	21	188
Recipients of special scholarship awards .....	135	51	186
Total Citations .....	734	235	969
*Duplicates .....	91	22	113
Total Students Honored .....	643	213	856

\* 76 men and 20 women received 2 citations each, 6 men and 1 woman received 3 each, and 1 man received 4 citations.

*Grades in freshman subjects.*—In March, 1939, University of Michigan records for the first semester of graduates from the various high schools were sent to the respective principals of high schools from which the students had graduated. These reports listed the courses, hours of credit, grade earned, and the division of the University in which the student was enrolled. For the first time since this service has been offered, the report also showed the rank earned by each student in his psychological and English tests. With these reports, a sheet was included showing the grade-point averages, by courses, in all courses open to them and the total number of hours of each grade earned by all September, 1938, freshman entrants. This study showed the following distribution of grades:

	A	B	C	D	E	IX	Total
Total semester hours .....	2,641	7,114	10,288	2,337	1,058	412	23,850
Per cent .....	11.1	29.8	43.1	9.8	4.4	1.7	

The following scale was used: A—4 points; B—3; C—2; D—1; E—0. The general grade-point average in all courses pursued by freshmen was 2.3, as compared with 2.4 for 1937-38.

The decrease in the total number of hours shown as compared with the

previous year may be accounted for to some extent by the decrease in the number of entering freshmen, from 1,647 in September, 1937, to 1,609 in September, 1938. The greater portion of the change, however, is occasioned by the fact that this year's figures include only those grades earned by freshmen in freshman courses, whereas the figures for the preceding year represent grades earned by all students enrolled in courses normally pursued by freshmen.

*Scholarship chart.*—For the year 1938–39 and thereafter, the Committee on Scholarship authorized a change from a percentage basis to a grade-point basis for figuring scholastic averages for the various organizations as follows:

<i>Grade</i>	<i>Old Basis Per Cent</i>	<i>New Basis Grade Points</i>
A	100	4
B	85	3
C	70	2
D	50	1
E	20	0
IX	disregarded	disregarded

The change was made because this grade-point scale has been adopted by the larger units of the University, and it is also in quite general use in other educational institutions throughout the country. Under the old system an "A" and an "E" grade (or a "B" and a "D" grade) for the same hours of credit averaged to something below a "C" grade, thereby placing a penalty on a failure which could not be offset by an equal amount of excellent, or superior, work. Under the new method an "A" and an "E" grade (or a "B" and a "D") balance at a "C," or satisfactory, grade.

The men's dormitories led the general groups with an average of 2.63, or .12 of a point better than the preceding year. This is particularly encouraging as additional dormitories for men are now in the process of erection.

Kappa Nu ranked top among the forty-one general fraternities for the second successive year, with an average of 2.79. Phi Sigma Sigma, for the general sororities, advanced from eighteenth or last to the first position with an average of 2.84, or almost "B." Both of these groups would have reached this same position under the former method of figuring averages. The demonstration, made by Phi Sigma Sigma, of a complete reversal of position within the period of only one year should prove inspirational to those groups in the lower region of the chart.

Phi Delta Epsilon led the medical groups with 2.94, the Lawyers Club (2.49) topped the law groups, independent dental students (2.43) was first among the dental groups, and Alpha Chi Sigma (2.75) among the other professional groups.

Because of certain requirements in the professional schools regarding repetition of courses conditioned or failed, and in view of lack of uniformity

of grading systems, it seems advisable to consider medical, law, and dental students as separate groups. Comparisons between these groups or with the rest of the University are not significant.

Among University-operated women's dormitories, Alumnae House ranked highest scholastically, with 2.89 average grade points. This average was earned by the 18 girls in residence. The residents of Martha Cook Building deserve special mention also, as 131 girls contributed to their very good average of 2.77.

All groups earned scholastic averages which placed them between "B" and "C" grade. It should be borne in mind that the range from the highest to the lowest average is less than one grade point, so that the differences between the individual groups are not large.

In order that recognition for outstanding scholarship might be given independent women at the Assembly banquet, this office was asked to determine the freshman, sophomore, and junior independent women with the highest average in 1938-39. Their names follow:

Freshman—Mildred Irene Rich  
 Sophomore—June Tenby Larson  
 Junior—Frances Grace Orr

GROUP	GRADE-POINT AVERAGE*		
	1938-39	1937-38	Change
Men's dormitories .....	2.63	2.51	.12
Independent women students .....	2.61	2.61	.0
General sororities .....	2.61	2.57	.04
Women students .....	2.59	2.58	.01
Independent men and women .....	2.53	2.53	.0
General fraternities and sororities .....	2.53	2.53	.0
Women's dormitories and League houses ....	2.53	2.53	.0
Men and women .....	2.52	2.52	.0
Independent men students .....	2.50	2.50	.0
General fraternities .....	2.50	2.51	— .01
Men students .....	2.49	2.49	.0
Independent medical students .....	2.66	2.66	.0
Medical fraternities .....	2.65	2.66	— .01
All medical students .....	2.65	2.66	— .01
Independent law students .....	2.29	2.34	— .05
All law students .....	2.28	2.33	— .05
Law fraternities .....	2.23	2.34	— .11
Independent dental students .....	2.43	2.51	— .08
All dental students .....	2.40	2.46	— .06
Dental fraternities .....	2.39	2.43	— .04

\* The rank is figured using the scale A—4 grade points; B—3 grade points; C—2 grade points; D—1 grade point; E—0 grade points. Medical, law, and dental students are not included in this group. Because of lack of uniformity between the grading systems in the professional and those in the nonprofessional schools of the University, it seems advisable to consider medical, law, and dental students as separate groups. The comparison of these schools, either with each other or with the rest of the University, is not significant.

*Remarks.*—Wherever it is possible, the Statistical Division of the Registrar's Office is endeavoring to eliminate duplication between offices in the

collection of data concerning the student. Unfortunately, this frequently means that, although the new procedure results in a distinct saving to the University as a whole, additional time and money must be expended by this office.

In most instances no charge is made the department served, although the collection and posting of all grades earned by students during 1938-39, a joint undertaking of the offices of the Dean of Students, the Dean of Women, and the Registrar, involved the expenditure of so much time and money that it could not be considered without prorating the expense to the various co-operating offices. Collection of data is made by some of the offices on campus when there is a slack period and clerks have plenty of time. With assistants furnished under the NYA plan, some of the pressure of work is relieved, and there is more time free for individual offices to make their own collections without jeopardizing other and more important duties.

With this situation confronting us, we have endeavored wherever it seemed expedient to collect and supply information to other offices without charge, within the limits of our present staff and funds.

#### EDITORIAL DIVISION

The publications issued by the Editorial Division during 1938-39 consisted of the 104 numbers of Volume 40 of the University of Michigan Official Publication and 328 nonserial publications, 254 of which were School of Music programs. For a list of the serial publications, see page 54.

The following new serial publications were issued during the year: *English Literature in England* (S.S., 1939), *National Youth Administration College and Graduate Aid* (1937-38), *Catalog of Motion-Picture Films* (1938-39), *Institute of Latin-American Studies* (S.S., 1939), *Film Showing* (Extension Service, 1939), *Graduate Division, Northern State Teachers College* (S.S., 1939), *Graduate Division, Western State Teachers College* (S.S., 1939), *Graduate Division, Michigan State Normal College* (S.S., 1939), *Graduate Division, Central State Teachers College* (S.S., 1939). Other new publications edited and seen through the press were as follows: "Forest and Fungus Succession in the Lower Yukon Valley" (*School of Forestry and Conservation Bulletin*, No. 9), the first two numbers of the *Michigan Governmental Studies, Michigan Pamphlets*, No. 1 ("Taxing Intangibles," 1939) and No. 2 ("Financing Michigan's Government: 1930-38"), and two numbers of *Ars Islamica*. The manuscripts on *What to Read: Alumni Reading Lists* (Third Series), as well as *Notes on the Literature of the Piano*, by Albert Lockwood, were edited. Other bulletins that were proofread by the Editorial Division included the *Regents Proceedings*, the *University Record*, the *May Festival Libretto*, *Occasional Papers* and *Miscellaneous Publications* of the Museum of Zoology, *Occasional Contributions from the Museum of Anthropology*, *Contributions from the University Herbarium*, and *Contributions from the Laboratory of Vertebrate Genetics*; also 53 galleys on the *Alumnus Quarterly*. The *University Encyclopedia* is still in the process of editing; much of it is ready for the printer.

Two-year bulletins were issued as follows: *School of Forestry and Conservation Announcement* (1938-39 and 1939-40) and *Landscape Design* (1938-39 and 1939-40).

The faculty file has increased in size, due to the number of research assistants on research projects which are now included in the *Register*. As an experiment, appointments, changes of title, and resignations were recorded for the General Library. This has facilitated the checking of the University directory cards for this department.

The *University Faculty Directory* for 1938-39 was issued October 4, a month earlier than it was the year before, and at a time when it met a definite need. Publication at this date was made possible through the fine co-operation of the departments.

The NYA students brought the Master Catalog File of courses up to date. This file now covers a ten-year period, and research will be started on it this coming year.

The *Register of Staff and Graduates* for 1938-39 is now in preparation. This is compiled from the faculty file, which contains a card for every faculty member of the staff who is either on the University budget or holds an appointment which appears in the *Regents Proceedings*. In the *Register* the personnel of the University staff is recorded for the year beginning July 1 and ending June 30, together with all degrees, diplomas, and certificates granted by the Board of Regents. The names of professors, associate professors, assistant professors, instructors, and officers of faculty rank are arranged in order of date of appointment and length of continuous service according to present rank.

Prior to the 1938-39 *Register*, leaves of absence for one semester or more were noted. In respect to retirements and changes of title, the most recent title was recorded. Resignations were not noted if the resignation occurred during the year, but the name was omitted in the following issue. Beginning with the 1938-39 *Register of Staff and Graduates* a change was effected. Resignations, retirements, changes of title, leaves of absence for one semester or more which occurred during the period covered, were recorded with notation of the dates of these events in order to present a more detailed and more accurate record of these changes.

The experience of the Registrar's Office during the last few years indicates clearly that students begin making definite plans for college at least in the fall of the senior year in high school. No serious-minded student wants to make a choice of a school until he has had an opportunity to examine its catalog or announcement. To meet the demand, the University should provide a sufficient supply of college announcements for the ensuing year, and these should be available for distribution throughout the entire year. In the past and at present we have had the unfortunate experience of being without announcements of certain divisions as long as six or eight months at a time. This not only increases by two or three times the correspondence with prospective students, but, of more importance, it is a source of annoyance to them. They fail to get announcements in reply to their original

request and sometimes in reply to a second or third request. Many prospective students who receive announcements or catalogs from other institutions make their college plans before our announcements reach them. It is urgently recommended that the University authorities in charge of the ordering of these publications give serious consideration to increasing their orders to meet these reasonable demands. In order to bring this about, it may be that funds for the printing of the announcements of the Schools and Colleges should be in the hands of a central committee.

Respectfully submitted,

IRA M. SMITH, *Registrar*

ADMINISTRATIVE PUBLICATIONS OF THE UNIVERSITY\*  
UNIVERSITY OF MICHIGAN OFFICIAL PUBLICATION

VOLUME XL†

SERIAL  
NO.

1. Courses in Biological Chemistry, S.S., 1938. 4 pp.
2. Report of the University Health Service, 1936-37 (Reprint from President's Report, 1936-37). 20 pp.
3. Two-Year Curriculum in Dental Hygiene. 8 pp.
4. The Institute of Far Eastern Studies, S.S., 1938. 16 pp.
5. Report of the Registrar of the University, 1936-37 (Reprint from President's Report, 1936-37). 56 pp.
- ‡6. Death Notices, September, 1936—September, 1937. 24 pp.
7. Classical Languages and Literatures, S.S., 1938. 16 pp.
8. Summer Educational Conferences, S.S., 1938. 2 pp.
9. Roundtable Conference on Reading Problems of Teachers, July 11-15, 1938. 4 pp.
10. Ninth Annual Summer Education Conference, July 5-15, 1938. 6 pp.
11. Human Adjustment in the Summer Camp, S.S., 1938. 4 pp.
12. Speech and General Linguistics, S.S., 1938. 16 pp.
13. The Linguistic Institute, S.S., 1938. 16 pp.
- ‡14. Bureau of Alumni Relations—Twenty-sixth General Bulletin—Some Essentials of University Progress. 16 pp.
15. The Graduate Conference on Renaissance Studies, S.S., 1938. 16 pp.
16. Field Courses in Geology and Surveying, S.S., 1938. 16 pp.
17. Courses in Public Health, S.S., 1938. 8 pp.
18. Symposium on Theoretical Physics and Courses in Physics, S.S., 1938. 16 pp.
19. Register of Staff and Graduates, 1936-37. 204 pp.
20. School of Music Announcement, 1938-39. 168 pp.
21. A Conference on Curriculum Problems in Physical Education, School Health, and Recreation, S.S., 1938. 8 pp.
22. Law School Announcement, 1938-39, with List of Students, 1937-38. 64 pp.
23. School of Business Administration Announcement, 1938-39. 108 pp.
24. Directions for Registration and Classification, First Semester, 1938-39. 24 pp.
25. Courses in Library Science, 1938-39. 8 pp.
26. University Extension Lectures, 1938-39. 48 pp.
27. Horace H. Rackham Undergraduate Scholarships, 1938. 4 pp.
28. College of Literature, Science, and the Arts Announcement, 1938-39. 304 pp.

\* These publications are edited by the Editorial Office, Registrar's Office.

† This series includes official announcements of courses and reports.

‡ Not handled by the Editorial Office.

29. The Fourth Annual Conference on Religion, S.S., 1938. 4 pp.
30. School of Dentistry Announcement, 1938-39. 80 pp.
31. Proceedings of the Twenty-fourth Annual Highway Conference, 1938. 256 pp.
32. Bibliography of Publications by Members of the Several Faculties of the University of Michigan, 1935-37. 116 pp.
33. Extension Credit and Noncredit Courses, First Semester, 1938-39. 24 pp.
34. English Literature in England, S.S., 1939. 14 pp.
35. Education Courses for Part-Time Students, 1938-39. 4 pp.
36. School of Dentistry Alumni Bulletin, July, 1938. 20 pp.
- \*37. Field Courses in Education, 1938-39. 6 pp.
38. Library Extension Service, 1938-39. 16 pp.
39. Horace H. Rackham School of Graduate Studies Announcement, 1938-39. 352 pp.
40. Annual Report of the Bureau of Co-operation with Educational Institutions, 1938. 28 pp.
41. College of Architecture Announcement, 1938-39. 120 pp.
42. School of Education Supplementary Announcement, 1938-39. 8 pp.
43. Avery Hopwood and Jule Hopwood Awards, 1938-39. 16 pp.
44. Institute of Public and Social Administration Announcement, 1938-39. 56 pp.
45. School of Forestry and Conservation Announcement, 1938-39, 1939-40. 56 pp.
46. Supervised Correspondence Study Courses, 1938-39. 24 pp.
47. Department of Landscape Design, 1938-39, 1939-40. 40 pp.
48. Courses for Teachers and School Administrators, 1938-39. 4 pp.
49. Michigan High School Forensic Association, 1938-39. 64 pp.
50. National Youth Administration College and Graduate Aid, 1937-38. 72 pp.
51. Announcement of Radio Programs, October 9, 1938—April 9, 1939. 16 pp.
52. University of Michigan Directory, 1938-39. 192 pp.
53. Catalog of Motion Picture Films, 1938-39. 40 pp.
54. Financial Report of the University of Michigan, Year Ended June 30, 1938. 72 pp.
55. Medical School Announcement, 1938-39. 130 pp.
56. Ninth Annual Parent Education Institute, 1938. 8 pp.
57. School of Dentistry Alumni Bulletin, October, 1938. 24 pp.
58. Regulations for the Women's Dormitories, 1939. 8 pp.
59. Register of Staff and Graduates, 1937-38. 196 pp.
60. Second Great Lakes Regional Conference on Adult Education, December 2 and 3, 1938. 8 pp.
61. Bulletin of General Information, 1939-40. 82 pp.
62. The Lawyers Club. 14 pp.
63. University Hospital School of Nursing Announcement, 1939-40. 48 pp.
64. School of Music Programs, 1937-38. 104 pp.
- \*65. Bureau of Alumni Relations—Twenty-seventh General Bulletin—The University Today, 1939. 16 pp.
66. General Register Issue, 1936-37, Sections I and II. 2,932 pp.
67. Institute of Latin-American Studies, S.S., 1939. 8 pp.
68. Biological Station, S.S., 1939. 20 pp.
69. Register of Students, 1937-38. 512 pp.
70. College of Pharmacy Announcement, 1939-40. 64 pp.
71. Extension Credit and Noncredit Courses, Second Semester, 1938-39. 20 pp.
72. Summer Session Abridged Announcement, Campus Edition, 1939. 32 pp.
73. Law School, S.S., 1939. 8 pp.
74. Courses in Biological Chemistry, S.S., 1939. 4 pp.
75. School of Education, S.S., 1939. 32 pp.
- \*76. A Summary of the President's Report, 1937-38—Twenty-eighth General Bulletin—Bureau of Alumni Relations. 16 pp.
77. The President's Report, 1937-38. 396 pp.

\* Not handled by the Editorial Office.

78. Summer Session Abridged Announcement, Regular Edition, 1939. 32 pp.
79. School of Music, S.S., 1939. 40 pp.
80. Avery Hopwood and Jule Hopwood Awards, S.S., 1939. 4 pp.
81. School of Dentistry Alumni Bulletin, March, 1939. 24 pp.
82. Scholarships, Fellowships, Prizes, and Loan Funds. 56 pp.
83. Courses in Public Health Nursing, S.S., 1939. 6 pp.
84. Schoolmasters Club of Michigan Official Program, April 27, 28, and 29, 1939. 36 pp.
85. Report of the Registrar of the University, 1937-38 (Reprint from President's Report, 1937-38). 56 pp.
86. Field Courses in Geology and Surveying, S.S., 1939. 16 pp.
87. Courses in Library Science, S.S., 1939. 8 pp.
88. Human Adjustment in the Summer Camp, S.S., 1939. 4 pp.
- \*89. Death Notices, September, 1937—September, 1938. 24 pp.
90. Germanic Languages and Literatures, S.S., 1939. 8 pp.
- \*91. Bureau of Alumni Relations, Ninth Alumni University, June 19-24, 1939. 6 pp.
92. Courses in Hygiene and Public Health, S.S., 1939. 8 pp.
93. Report of the University Health Service, 1937-38 (Reprint from President's Report, 1937-38). 20 pp.
94. Classical Languages and Literatures, S.S., 1939. 16 pp.
95. Film Showing, Extension Service, May 6, 1939. 8 pp.
96. Graduate Division, Northern State Teachers College, S.S., 1939. 8 pp.
97. Graduate Division, Western State Teachers College, S.S., 1939. 8 pp.
98. Graduate Division, Michigan State Normal College, S.S., 1939. 8 pp.
99. Graduate Division, Central State Teachers College, S.S., 1939. 8 pp.
100. Forty-sixth Summer Session Complete Announcement, 1939. 256 pp.
101. Graduate Conference on Renaissance Studies, S.S., 1939. 16 pp.
102. Department of Speech, S.S., 1939. 16 pp.
103. Institute of Far Eastern Studies, S.S., 1939. 16 pp.
104. Symposium in Theoretical Physics, S.S., 1939. 24 pp.

#### OTHER OFFICIAL PUBLICATIONS

University of Michigan Regents' Proceedings. 22 issues, July, 1938, through June, 1939.  
Not for distribution.

University Record. 4 issues.

\* Not handled by the Editorial Office.