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**Report of
The Registrar of the University
1936-37**

**Reprint from The President's Report
for 1936-37, 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 1936-37.

OFFICE PERSONNEL

Personnel.—During the year 1936-37 we have had the full-time services of the Assistant Registrar compared to only part-time services heretofore. This arrangement has proved to be very satisfactory. With the Assistant Registrar always here he is able to answer promptly any questions which come up when they arise, thus avoiding delays which might be occasioned by his being absent from the office a part of each day.

Dr. Robert L. Williams has served as Assistant Registrar on a full-time basis since July 1, 1936. Mr. Walter A. Donnelly began his work as Supervising Editor of Publications in the Registrar's Office on July 1 and has served in that capacity during the entire year. On September 19, 1936, Mr. William M. Pendorf was appointed Assistant to the Registrar and assigned to the Office of Records as successor to Truman Smith, who resigned in order to resume his graduate studies in the University. In May, 1937, Miss Fanni Kaufmann, in charge of the general correspondence work, was granted leave of absence to enable her to accept a position in charge of the Registrar's work of the New Mexico State Teachers College, Silver City, New Mexico, until June 1, 1938. Mrs. Naomi B. White was appointed to fill this vacancy for the year 1937-38.

OFFICE OF ADMISSIONS

Admission requirements.—In accordance with the entrance regulations approved by the Board of Regents on December 14, 1934, students could be admitted from high school under both the old and new requirements until September, 1937. This, therefore, was the last year in which both requirements were in effect. In September, 1935, 21 students were admitted to the College of Literature, Science, and the Arts under the new requirements whose programs of study did not meet the old requirements, and in September, 1936, 31 students. This number will no doubt increase in the next few years when students will have had an opportunity to plan their high-school programs with a knowledge of the new admission requirements.

Freshman admissions.—There has been no change made in the policy and general procedure of the past few years. The number of applications received by June 1 still shows an increase over previous years, and it is hoped that eventually a large majority of the blanks will be filed by that date. The gradual increase in the total number of applications received has made it necessary to spread the reading of the blanks over a longer period than the summer months to ensure a careful study of each one. Also it is rather

essential that this preliminary study be made before the close of the high schools so that additional information may be secured when desired. Furthermore, there is the advantage to the student of getting an early decision on his eligibility. No change has been made in the application blank.

There has been a notable increase in the number of letters received relating to high-school programs, both from prospective freshmen and from principals of prospective freshmen. These letters pertain not only to students in the senior year in high school but in some cases to those in the freshman and sophomore years. Inquiries concerning the preparatory programs of students contemplating admission to the University have been encouraged, and it is hoped that the number of letters received in this connection will steadily grow.

Entrance examinations.—Sixty-six applicants for admission to the freshman class wrote entrance examinations this year. This represented a 36 per cent decrease as compared with last year's figure.

Although a few students were present in February and June, the majority wrote the September examinations. These, following the plan which was first adopted last year, were given during the week preceding the Orientation Period. Prompt marking of examinations by the various departments made it possible to pass on all applications for admission before the commencement of freshman activities. This plan has proved very successful, since it permits those students who are admitted to arrange immediately for permanent living quarters. They are able also to participate in the Orientation program and to make other necessary plans for their first semester.

College Entrance Board examinations.—In June, 1937, for the third consecutive year the College Entrance Examination Board requested the Registrar's Office to supervise the Board examinations. By maintaining an examination center in Ann Arbor we are rendering a service to the young people in this area by providing the opportunity to write the examinations in their home town. The Examination Board furnishes all material for the examinations, pays all the postage, and the papers are returned to the Board for grading.

The College Entrance Examination Board conducted Scholarship Tests throughout the United States on April 24, 1937. These examinations, given for the first time early in the spring of 1937 did not include Ann Arbor as an examination center. An offer was made to the Board by the Registrar to supervise these scholarship examinations at any time when it may be decided to offer the examinations here.

Freshman deficiencies.—Owing to the recent change in entrance requirements 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. Only a few freshmen outside the College of Engineering entered with deficiencies, and they have not been included in the table on page 5. Because of the small number of students involved, this study will not be continued another year. In the College of Engineering, the 85 students with deficiencies were distributed as follows:

| | NUMBER | | | |
|--|-----------------------|---------------------------|-------|----|
| | Michigan High Schools | Non-Michigan High Schools | Total | |
| | Men | 45 | 40 | 85 |

| | SUBJECTS | | | |
|-------------------------------------|---------------------------------|---------|----------|-------|
| | Mathematics | Science | Language | Total |
| | Michigan High Schools | 31 | 7 | 9 |
| Non-Michigan High Schools | 29 | 12 | 5 | 46 |
| Total | 60 | 19 | 14 | 93 |

| | UNITS | | | | |
|-------------------------------------|-----------------------------|----|----|----|-------|
| | ½ | 1 | 1½ | 2 | Total |
| | Michigan High Schools | 20 | 14 | 2 | 9 |
| Non-Michigan High Schools | 20 | 9 | 6 | 5 | 40 |
| Total | 40 | 23 | 8 | 14 | 85 |

Concerning the selection of the freshman class, the figures given below are of interest. 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 this table are for the entire freshman class, including freshmen in all curricula.

| 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 |

Though there has been an increase in numbers in the last few years, 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 1936, nor is there any significant difference between the groups from Michigan and non-Michigan high schools.

On the acceptance of each student for admission, a prediction 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 1935-36 and for 1936-37, including freshmen in all colleges and divisions who completed the work of the first semester.

| 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 stu- dents) | 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 stu- dents) | 1,265 | 54.8 | 2,204 | 31.8 | 1,504 | 14.2 | 175 | 6.0 | 14 | 1.2 | 103 | 15.3 |
| A-2 1935-36 .. (601 stu- dents) | 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 stu- dents) | 752 | 32.6 | 3,115 | 44.9 | 4,612 | 43.5 | 988 | 33.9 | 248 | 22.0 | 262 | 38.9 |
| A-3 1935-36 .. (489 stu- dents) | 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 stu- dents) | 293 | 12.7 | 1,614 | 23.3 | 4,493 | 42.4 | 1,752 | 60.1 | 867 | 76.8 | 308 | 45.8 |

The accepted applicants are rated 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 making more use each year of the information on the admission blanks, of the rating given the student with regard to probable success, and of the results of the scholastic aptitude test and the English content examination. The number of academic counselors for freshmen in the College of Literature, Science, and the Arts has been increased from three to six. They have continued to hold their consultations with freshmen in this office, which is desirable because of the proximity of the records.

Freshman enrollment.—Permits to register were issued to 1,912 prospective freshmen for the first semester of 1936-37. Of this number 1,665 actually registered, 1,122 men and 543 women, showing an increase of 181.

over the 1935 enrollment when 1,047 men and 437 women registered. This represents a slight increase in the freshman enrollment in all of the Schools and Colleges with the exception of Pharmacy, in which there was a decrease, and of the Curriculum in Dental Hygiene, which remained the same.

The following table gives the number of freshmen who registered in September, 1936, and in February, 1937, 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., and A. . . . | 346 | 245 | 591 | 391 | 227 | 618 | 737 | 472 | 1,209 |
| Engineering | 173 | ... | 173 | 194 | ... | 194 | 367 | ... | 367 |
| Architecture | 9 | 13 | 22 | 16 | 13 | 29 | 25 | 26 | 51 |
| Pharmacy | 2 | 1 | 3 | 6 | ... | 6 | 8 | 1 | 9 |
| Dental Hygiene . . | ... | 9 | 9 | ... | 3 | 3 | ... | 12 | 12 |
| Education | 17 | 12 | 29 | 7 | 10 | 17 | 24 | 22 | 46 |
| Music | 6 | 15 | 21 | 8 | 8 | 16 | 14 | 23 | 37 |
| Total | 553 | 295 | 848 | 622 | 261 | 883 | 1,175 | 556 | 1,731 |

Geographical distribution.—In the freshman class of 1936–37, 36 states, the District of Columbia, Canada, Mexico, Puerto Rico, and Cuba were represented, 927 or 53.6 per cent of the class entering from the state of Michigan. This is the number living in Michigan, not the number entering from Michigan high schools, which is slightly smaller. The other states sending the largest delegations are as follows: New York, 248; Ohio, 133; Illinois, 107; Pennsylvania, 54; New Jersey, 48; Indiana, 42; and Massachusetts, 26.

Number of students per each secondary school.—Of the 618 accredited high schools in Michigan, 198 were represented by the freshmen who entered for the first semester of 1936–37. Of the high schools outside of Michigan, 527 were represented by the freshman class for the first semester. Schools represented by only 1 student numbered 441, while each of 131 schools was represented by only 2 students. The total number of schools represented was 725. As usual, the largest delegation, which numbered 93, 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. Replies from the parents make us feel that our letters are appreciated, and, therefore, we are encouraged to continue the policy.

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.

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

| SCHOOLS AND COLLEGES | STUDENTS GRADED | SEMESTER HOURS | | | | | | | POINT AVERAGE* GRADE |
|-------------------------|-----------------|--------------------------|---------------|----------------|---------------|--------------|------------|--------|----------------------|
| | | A | B | C | D | E | I & X | Total | |
| | | First Semester, 1936-37 | | | | | | | |
| L., S., and A. Per Cent | 1,141 | 1,430 8.4 | 4,613 27.2 | 7,866 46.4 | 2,061 12.2 | 797 4.7 | 177 1.0 | 16,944 | 2.23 |
| Engineering Per Cent | 345 | 656 12.0 | 1,795 32.8 | 2,068 37.8 | 666 12.2 | 255 4.7 | 36 .7 | 5,476 | 2.35 |
| Pharmacy Per Cent | 9 | 26 18.2 | 35 24.5 | 59 41.3 | 23 16.1 | | | 143 | 2.45 |
| Dental Hygiene Per Cent | 12 | 21 11.7 | 54 30.0 | 94 52.2 | 9 5.0 | 2 1.1 | | 180 | 2.46 |
| Architecture Per Cent | 50 | 79 10.4 | 284 37.4 | 264 34.8 | 81 10.7 | 38 5.0 | 13 1.7 | 759 | 2.38 |
| Education Per Cent | 41 | 38 6.7 | 105 18.5 | 247 43.4 | 122 21.4 | 35 6.2 | 22 3.9 | 569 | 1.98 |
| Music Per Cent | 33 | 60 12.0 | 184 36.9 | 204 41.0 | 31 6.2 | 19 3.8 | | 498 | 2.47 |
| Total Per Cent | 1,631 | 2,310 9.4 | 7,070 28.8 | 10,802 44.0 | 2,993 12.2 | 1,146 4.7 | 248 1.0 | 24,569 | 2.26 |
| | | Second Semester, 1936-37 | | | | | | | |
| L., S., and A. Per Cent | 1,077 | 1,594 9.9 | 4,576 28.5 | 7,097 44.2 | 1,850 11.5 | 520 3.2 | 416 2.6 | 16,053 | 2.31 |
| Engineering Per Cent | 322 | 756 15.2 | 1,522 30.5 | 1,836 36.8 | 640 12.8 | 161 3.2 | 71 1.4 | 4,986 | 2.42 |
| Pharmacy Per Cent | 9 | 44 30.3 | 40 27.6 | 44 30.3 | 13 9.0 | | 4 2.8 | 145 | 2.82 |
| Dental Hygiene Per Cent | 11 | 20 9.6 | 72 34.4 | 95 45.5 | 22 10.5 | | | 209 | 2.43 |
| Architecture Per Cent | 49 | 77 10.2 | 204 27.0 | 297 39.3 | 79 10.4 | 54 7.1 | 45 6.0 | 756 | 2.24 |
| Education Per Cent | 35 | 34 6.7 | 110 21.7 | 187 36.9 | 87 17.2 | 50 9.9 | 39 7.7 | 507 | 1.98 |
| Music Per Cent | 32 | 60 12.3 | 116 23.9 | 214 44.0 | 47 9.7 | 33 6.8 | 16 3.3 | 486 | 2.26 |
| Total Per Cent | 1,535 | 2,585 11.2 | 6,640 28.7 | 9,770 42.2 | 2,738 11.8 | 818 3.5 | 591 2.6 | 23,142 | 2.33 |

* The scale used in figuring averages is A—4; B—3; C—2; D—1; E—0; I and X disregarded.

Withdrawals.—The dates and reasons for the withdrawals of any freshman entrants of September, 1936, and February, 1937, are contained in the following table:

ANALYSIS OF FRESHMAN WITHDRAWALS BY CAUSE AND DATE*
September, 1936—June, 1937

| CAUSE OF WITHDRAWAL | L., S., & A. | Eng. | Pharm. | Dent. Hyg. | Arch. | Ed. | Music | Total |
|---|--------------|------|--------|------------|-------|-----|-------|-------|
| 1. Home Action | 134† | 43 | . | 1 | 1 | 12 | 1 | 192 |
| 2. Not to return without the consent of the Administrative Board | 29 | . | . | . | . | 1 | . | 30 |
| 3. Ill Health | 8 | 3 | . | . | 1 | 2 | 2 | 16 |
| 4. Financial Difficulties | 4 | 2 | . | . | . | . | 1 | 7 |
| 5. To attend school elsewhere | 2 | 3 | . | . | . | . | . | 5 |
| 6. Family Illness and Need | . | 1 | . | . | . | 1 | . | 2 |
| 7. Employment | 1 | 1 | . | . | . | . | . | 2 |
| 8. Not specified—satisfactory average final semester | 25 | 6 | . | . | . | 2 | . | 33 |
| 9. Not specified—average less than "C" for final semester | 9 | 6 | . | . | 1 | . | . | 16 |
| Withdrawals from the University . | 212 | 65 | . | 1 | 3 | 18 | 4 | 303 |
| 10. Transfers within the University‡ | 3 | 8 | . | . | . | 2 | . | 13 |
| Net Total Withdrawals | 215 | 73 | . | 1 | 3 | 20 | 4 | 316 |

| DATE OF WITHDRAWAL | L., S., & A. | Eng. | Pharm. | Dent. Hyg. | Arch. | Ed. | Music | Total |
|--------------------|--------------|------|--------|------------|-------|-----|-------|-------|
| October | 4 | 1 | . | . | . | . | . | 5 |
| November | 8 | 2 | . | . | . | 2 | 1 | 13 |
| December | 5 | 1 | . | . | . | . | 1 | 7 |
| January | 4 | 3 | . | . | . | . | . | 7 |
| February‡ | 62 | 16 | . | 1 | 1 | 4 | . | 84 |
| March | 4 | 3 | . | . | . | . | . | 7 |
| April | 8 | 6 | . | . | 1 | 2 | 1 | 18 |
| May | 4 | 1 | . | . | . | . | . | 5 |
| June* | 116 | 40 | . | . | 1 | 12 | 1 | 170 |
| Net Total | 215 | 73 | . | 1 | 3 | 20 | 4 | 316 |

* Withdrawals in June which were not accompanied by a "Home" or "N.T.R." action have been disregarded.

‡ In February, 51 freshmen in the College of Literature, Science, and the Arts 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. Of this number, 1 did not return the second semester, 1 removed his probation, 7 were continued on probation in June, 5 received an "N.T.R." action after withdrawal during the second semester, 3 received an "N.T.R." action in June, and 34 were asked to withdraw permanently in June.

‡ Includes February transfers as follows:

| | | | |
|------------------|---|-----------------|---|
| Lit., Arch. | 1 | Lit., Eng. | 2 |
| Eng., Lit. | 8 | Ed., Lit. | 2 |

Parent education.—An analysis was made of the family history of the 1936-37 freshmen admitted by the Registrar, in order to determine the educational background of their parents. The following table shows the results of this investigation:

| EDUCATION OF FATHER | EDUCATION OF MOTHER | | | | | | | Total | Per Cent |
|--|---------------------|--------------------------|-------------------|-----------------------------|-------------------|-----------------------|---------------|-------|----------|
| | U. of M. Grad. | Grad. another University | Attended U. of M. | Attended another University | High School Grad. | Not High School Grad. | Not indicated | | |
| Graduate of the U. of M. | 31 | 37 | 13 | 21 | 54 | 10 | 1 | 167 | 9.6 |
| Graduate of another University | 7 | 112 | 4 | 62 | 87 | 55 | 2 | 329 | 19.0 |
| Attended the U. of M. | 2 | 16 | 0 | 5 | 16 | 3 | 0 | 42 | 2.4 |
| Attended another University | 2 | 30 | 0 | 45 | 62 | 32 | 2 | 173 | 10.0 |
| High-school graduate | 1 | 29 | 4 | 29 | 205 | 75 | 6 | 349 | 20.2 |
| Not high-school graduate | 2 | 32 | 1 | 31 | 115 | 436 | 22 | 639 | 36.9 |
| Not indicated | 0 | 0 | 0 | 2 | 1 | 2 | 27 | 32 | 1.8 |
| Total | 45 | 256 | 22 | 195 | 540 | 613 | 60 | 1,731 | |
| Per Cent | 2.6 | 14.8 | 1.3 | 11.3 | 31.2 | 35.4 | 3.5 | | |

From the above table, it will be observed that 387 freshmen, or 22.4 per cent, came from families where both parents graduated from or attended some university. The father either graduated from or attended some university in 711, or 41.1 per cent and the mother in 518, or 29.9 per cent of the cases.

Coöperation with secondary schools.—The long tradition firmly established of close coöperation with secondary schools of the State has been much in evidence during the year. It is a regular plan (1) to mail to all principals sending students to the University a complete report of the Orientation Period tests indicating the scores made by the individual students; (2) to arrange for the principals to come to Ann Arbor for conferences with their graduates, now University freshmen, when the first grade reports are in at the end of the first five weeks of the semester; (3) to mail grades to the principals at the end of the first semester together with average grades in all freshman subjects; and (4) to mail a final report of grades for the freshman class as a whole at the end of the year to each principal together with the annual report of the Registrar.

In addition to mailing these frequent reports to the high-school principals of the State, the Registrar keeps in touch with the principals by holding membership in the National Association of Secondary School Principals, the High School Principals' Division of the Michigan Education Association, and the Southeastern Michigan (Edwin L. Miller) Roundtable of High School Principals.

College Days in high schools.—As usual the University has received a large number of invitations to attend College Days in high schools throughout

the State as well as throughout the entire country. During the year the Registrar has been working with a committee of the Michigan Association of North Central Colleges in coöperation with a committee of the Michigan Association of High School Principals in an effort to develop a plan for guidance in the high schools on a basis which would make the so-called "College Days" less necessary. However, until such a plan has been developed it is almost essential for the University to participate in the College Day programs, and we have accepted the invitations from schools within the State so far as it has been possible for us to do so because this represents definite coöperation with the high schools where they have developed plans to the extent of having "College Day."

The Registrar's Office has been able to accept invitations from the following schools and to send representatives as indicated: In Chicago, Bowen, Tilden Technical, Lindblom and Oak Park; in Michigan, Hastings (2 representatives), Muskegon Heights and Muskegon (2), Lansing Eastern (4), Eaton Rapids (2), Kalamazoo (2), Sturgis (3), Coldwater (2), Battle Creek (2), St. Johns (2), Hartford (2). At the Hartford meeting the following high schools sent representatives from the senior class: Bangor, Bloomingdale, Breedsville, Coloma, Covert, Decatur, Fennville, Gobles, Hartford, Lawrence, Lawton, Mattawan, Paw Paw, and Watervliet.

While in Chicago attending four College Day programs the Registrar conferred with prospective freshmen at hotel headquarters. Arrangements were made in advance for notices to be posted in the high schools of the city and nearby area inviting students interested in Michigan to call at the hotel for conferences. A large number of prospective freshmen and their parents came for personal conferences. This method seems to be somewhat more satisfactory than the College Day programs.

At the Central High School in Kalamazoo an appraisal was made of the value of College Day as judged by the seniors and the high-school teachers. Their report indicates that "there is an almost unanimous opinion that the plan is decidedly worth while and they ask that the conferences be continued another year."

The first annual "Michigan Day," organized and conducted by the Executive Council of the Michigan Union, was held on Saturday, May 1, 1937. Approximately 1,000 high-school pupils attended. The Registrar's Office coöperated with the Union Council in planning for this day.

Professional activities.—One of the best means of continuing a plan of close coöperation with the schools of the State is for the freshman-admission officers to visit secondary schools and participate in educational conferences of secondary-school officials. During the past few years we have been somewhat handicapped in not being able to make these contacts as frequently as formerly on account of the lack of funds. However, the Registrar carries membership in both the State and national associations of secondary-school principals and makes as many contacts as possible under limited budget allowances.

During the year of 1936-37 meetings and conferences have been attended by the Registrar as follows: Marquette, Michigan, to attend the meetings of the Seventh District of the Michigan Education Association and to inspect

schools at Iron Mountain, Vulcan, Menominee, and Stephenson, Michigan, October 7-15; Highland Park, Michigan, to attend the annual conference of the Michigan Association of Junior Colleges, October 23; Bloomington, Indiana, to be the guest speaker at the Fifteenth Annual High School Principals' Conference, November 13-14; Albion, Michigan, to participate in the program of the Michigan Association of North Central Colleges, November 18; Lansing, Michigan, to attend the annual conference of the Michigan High School Principals' Association, December 3-4; Howell, Michigan, to address teachers of Livingston County, December 14; Chicago, Illinois, to attend "College Days" at Lindblom, Tilden Technical, and Oak Park High Schools, and to confer with prospective freshmen during the week at hotel headquarters, January 11-16, 1937; East Lansing, Michigan, to attend the annual midwinter meeting of the Michigan Association of North Central Colleges, January 20; Ypsilanti, Michigan, to attend a group conference on Curriculum Revision, February 4; Philadelphia, Pennsylvania, to participate in Pennsylvania Schoolmen's Week, March 12; New York, New York, to participate in a panel discussion at the Thirteenth Annual Junior High School Conference of New York University, and to confer with prospective freshmen at hotel headquarters, March 13-16; Grand Rapids, Michigan, to address the Ottawa Hills Parent-Teachers Association meeting, April 1; Chicago, Illinois, to attend the annual meeting of the North Central Association, April 9-11; Kansas City, Missouri, to attend the annual meeting of the American Association of Collegiate Registrars, April 12-16; Muskegon Heights and Muskegon, Michigan, to attend "College Days," April 22; East Lansing, Michigan, to attend "College Day," April 23; Climax, Michigan, to inspect the high school, and Hartford, Michigan, to attend "College Day," May 5; Kalamazoo, Michigan, to attend "College Day," May 6; Boston, Massachusetts, and New York, New York, to confer with prospective freshmen, May 31-June 5. Mrs. Pauline Goodale, Mrs. Lois Clever, R. L. Williams, and the Registrar attended the annual meeting of the Michigan Association of Registrars, at Ferris Institute, Big Rapids, Michigan, on May 15.

Early in the school year the Assistant Registrar was appointed as a member of the high-school visiting staff by the Bureau of Coöperation with Educational Institutions. In this connection he visited some fifteen high schools throughout the state of Michigan and made the usual reports to the Bureau of Coöperation with Educational Institutions. On many of these high-school visits he was accompanied by members of the staff of academic counselors, teaching staff, and Mr. Pendorf of this office. He also accepted an appointment as a member of the Testing Committee of the Michigan High School Principals Association.

In addition, the following activities were engaged in by the Assistant Registrar: attended the meeting of junior-college deans held at Highland Park, October 23; accompanied Dr. Carrothers on an inspection visit to the Grand Rapids Junior College, November 6; attended a meeting of North Central Colleges in Michigan held at Albion, November 18; visited the Berkeley, Michigan, High School as a temporary representative of the staff conducting the national survey of secondary schools, November 30; attended the Freshman-Principal Conference held at Michigan State College, November 21; attended the meeting of Michigan high-school principals in Lansing,

December 4; accompanied Registrar Smith in attendance at a dedication of a mural at the Lincoln School near Ypsilanti; attended the American Association of Collegiate Registrars' Convention held in Kansas City in April, 1937, at which a paper was read on "Forms for Teacher Certification" and later published in the Bulletin of the American Association of Collegiate Registrars.

Principal-Student Conference.—The tenth annual Principal-Student Conference was held in the Registrar's Office on November 19. One hundred and fifteen high-school representatives from 66 schools came to meet with former students who were registered in the freshman class. Definite appointments had been made for nearly 600 freshmen although a number of upperclassmen were also present. A general invitation to interested persons had been issued through the *Michigan Daily*. All available space in the Registrar's Office was used, and it was necessary to borrow other nearby offices in order to provide adequate facilities for the visitors.

The conferences, for the most part, centered about the academic progress of the individual student and his ability to adjust himself to university life. To assist the high-school representatives, the Registrar's Office placed at their disposal five-week progress reports on all students to be interviewed. In addition, each student filled in a questionnaire relating to previous preparation and his current University work.

This annual conference has proved valuable to the students, to the University, and to the preparatory schools. Defects in high-school systems and University faults are brought to light and discussed. The principals have an opportunity to observe firsthand the problems of their former students in new surroundings and can, year by year, better advise prospective students in making a successful transition from preparatory school to college.

The annual luncheon, given in honor of the high-school representatives, was well attended. This occasion provides an excellent opportunity for the exchange of ideas on educational methods and continues to promote a closer relationship between the high-school group and the University.

General correspondence.—A greater part of the mail addressed to the Registrar and referred to him from other offices calls for University *Announcements* and general information of interest to prospective students. A duplex envelope, carrying acknowledgment of the request and including copies of one or more of the official publications, is used in answering this correspondence. With the coöperation of the Dictaphone Station and the Mailing Room, requested material can be furnished promptly.

In many cases this communication forms a first contact with the University, and an effort is made to make that response as complete, prompt, and courteous as possible. Inquiries from both individuals and institutions continued steadily throughout the year, the volume of mail during the fall and winter months exceeded that of last year.

Auditing vouchers.—The Registrar's Office has continued to initial and to check the vouchers covering the disbursement of University funds, which are brought to the Registrar's Office each month, initialed by one of his

assistants, and later checked against the abstract with the assistance of a member of the Business Office staff.

Even though the actual computations are made and the necessary figures and signatures placed on the vouchers before they reach the Registrar's Office, this is routine work that consumes a considerable amount of time each month.

NYA Assistants.—Under the funds provided by the NYA the staff in the Registrar's Office was augmented by a force of over 80 part-time helpers. The students worked on an average of 30 hours a month, a total of 19,200 hours from October, 1936, to June, 1937. At the rate of forty cents an hour, this represented \$7,680.

With this Government aid the Registrar's Office was able to complete much information missing on old records.

OFFICE OF RECORDS

Brief investigations were conducted in the following problems, and in one or two cases the investigation resulted in a published article in educational journals; the number of students concentrating in the various fields or departments of the College of Literature, Science, and the Arts; an analysis of high-school entrance credits received in mathematics; partial analysis of freshman language elections in the University of Michigan for 1936-37; academic success in the junior-senior years of transfer versus nontransfer students of the graduating class of 1937; analysis of elections outside the College of Literature, Science, and the Arts by L., S., & A. students.

Registration.—Admission to the gymnasium for registration and classification was continued throughout the year on the alphabetical basis as set up during the preceding year. This has proved to be much more satisfactory than any plan used heretofore. The entire registration system in general is the same as it has been in the past. Particular attention, however, has been given to the following points, which have made it possible for the registration-classification activities to be handled more satisfactorily.

On July 22, 1936, a copy of the student's blueprint of record, one copy of a new bulletin issued for the first time that summer entitled *Directions for Registration and Classification*, and the *Announcement* of the school in which the student was enrolled was mailed to him with the suggestion that he give thought, during the summer, to studying his program for the coming year in connection with his record and degree requirements. In the summer of 1937 the blueprint and the pamphlet giving directions for registration were ready to be mailed to the students the latter part of June, but there was an unfortunate delay of several weeks because the announcements from some of the colleges were not off the press at that time. All of this information, however, was in the mail by July 2, 1937.

Additional simplification of the registration procedure was made possible by the cooperation of the Dean and the Faculty of the College of Literature, Science, and the Arts in stationing members of their Faculty as checkers in the gymnasium. It was possible through this bit of faculty

coöperation to see that certain registration problems were handled on the registration floor rather than deferring them until after registration, thus creating many special cases which would have to be seen individually.

Through the coöperation of the Committee on Student Loans and the Cashier of the University, the procedures have been simplified by which students' records are transmitted to the Loan Committee and by which the Cashier notifies this office of students owing fees, who should, therefore, not receive credit for their work.

General procedures in record-keeping.—Permanent records of students' academic success are kept on linen pencil cloth. During the year the record sheet was condensed from 11 x 14 inches to the standard size of 8½ x 11 inches. One of the most costly processes in the office at the present time is that of hand-lettering or -printing the information to be carried on the record. Fortunately, from the financial point of view, this has been done during the past few years by NYA students. Any further reduction in NYA help will necessitate immediate employment of additional record-keepers for the office.

Approximately eight hundred grades of "I," incomplete, or "X," absent from examination, are received in this office each semester from instructors in the College of Literature, Science, and the Arts. It is hoped that this number can be reduced. A faculty committee has been appointed to give consideration to this problem, and some alleviation from this source is expected.

In September, 1936, the office collaborated with the office of the Dean of the College of Literature, Science, and the Arts in considering the proper method to be used in determining a student's average standing. After due consideration by all interested parties, a new procedure was adopted for use with the class of 1941 and thereafter.

Grades for the first semester were posted to the permanent records by March 1, 1937, and those for the second semester by June 25, 1937. In June a slight shift in procedure was made which enabled us to check the posting on each student's record before it was printed and mailed out to the student.

The records of the Extension Service, for the first time, were carried as active accounts for those students taking extension work each semester throughout the University year, in the same way that accounts were kept for students enrolled on the Campus in the colleges whose records are kept in this office. This new procedure will be carried on in the future.

Appreciation should be expressed to the Alumni Catalog Office for its coöperation in filing academic records and other pertinent data of students no longer in residence.

Early in the year the total number of records (of students in residence) to be kept in the office during the year, approximately six thousand, were divided among the five record-keepers in such a way that each has responsibility for one class or school and has approximately twelve hundred records to keep. In addition, the records of the Extension Service have been divided between the two people having charge of the records of the freshman and

sophomore classes in the College of Literature, Science, and the Arts so that they each carry one-half of the records of the Extension Service plus an average of twelve hundred records of resident students. The average number of records kept by our record-keepers is considerably higher than the average number per worker in registrars' offices throughout the country.

Assistance from students holding NYA scholarships.—During the year a large number of NYA students were assigned to this division of the office. Much assistance was rendered by these students in carrying on the following projects:

1. Permanent records were made for students who had taken extension work and summer session work. This involved opening approximately 40,000 new permanent records. The elections and grades of students who had enrolled in the summer session from 1894 had never been placed on permanent records. A permanent record was made for each student who had earned credit during one or more summer sessions. In some cases entries were made for several years or several summer sessions. This makes it possible for one photostatic copy of a student's record to be mailed him whenever desired and relieves us of the task of searching through election cards to collect those for one student and then typing the record for him whenever requests are received for transcripts of records. Permanent records were not available for students who had taken work in the Extension Service since its founding in 1911. The election cards giving the courses taken and the grades earned were available and were transferred to permanent records for each student. We can now make photostatic copies of a student's extension record.

2. The posting of supplementary music records was brought up to date during the year. Students in the School of Music have one permanent record very similar to that kept for students in other colleges and divisions of the University. In addition, however, they have a supplementary record card on which is kept the details of the musical selections memorized and played in order to get credit in musical instruments. These had not been completely posted for several years, and are now up to date.

3. All back filing was brought up to date. By June 30, 1936, all memoranda which could profitably be placed in these files were placed therein.

Transcripts.—The table below indicates the number of statements and official transcripts issued bearing seal and signature; also the money received each month for the year 1936-37:

| Month | Transcripts | Amount Rec'd. | Month | Transcripts | Amount Rec'd. | Month | Transcripts | Amount Rec'd. |
|-------|-------------|---------------|-------|-------------|---------------|-------|-------------|---------------|
| July | 1,053 | \$ 79 | Nov. | 431 | \$ 80 | March | 1,000 | \$182 |
| Aug. | 772 | 115 | Dec. | 397 | 96 | Apr. | 652 | 106 |
| Sept. | 1,222 | 249 | Jan. | 514 | 117 | May | 623 | 93 |
| Oct. | 690 | 94 | Feb. | 1,637 | 254 | June | 1,730 | 143 |

The total number of transcripts issued for the year 1936-37 was 10,721, and the total receipts, \$1,608; that for the previous year, 1935-36, was 8,014 transcripts and \$1,219, an increase this year of 2,707 transcripts and \$389 in income over that of last.

The number of requests for transcripts of records received in this office and referred to the various offices on the Campus for the last five years is as follows:

| | | | | | |
|---------------|-----|---------------|-----|---------------|-------|
| 1932-33 | 466 | 1934-35 | 593 | 1936-37 | 1,206 |
| 1933-34 | 486 | 1935-36 | 784 | | |

The figures each year seem to point more definitely toward the ever-increasing need for centralization.

In addition to the usual reasons for increase in the number of transcripts issued (larger enrollment, surveys made by schools and colleges, etc.), students who lost the blueprint sent them with the registration instructions were required to obtain a duplicate copy. The regular fee of \$1.00 was charged for each such duplicate print, thus increasing the number of transcripts and receipts by 115.

There have been several changes in this division which have brought about a great saving of time and money. First, the form for the Extension Service election cards was revised to include a card on which the student desiring a transcript might list the course elected and fill in the address where the transcript was to be sent. All that was then necessary to be done was to post the grade on the card and have the signature and University seal placed on each. This change alleviated a great deal of work on the part of this division by having each student fill in and address his own card. During the month of February alone, 628 such transcripts were sent out. Similar cards were devised to cover summer session transcripts. Second, a survey was conducted and adjustments made in our record forms so that now the boards of education of 38 of the 48 states accept the transcripts in lieu of our filling in their individual blanks. Third, since the extension and summer session records have now been posted from election cards to permanent record cards, these cards can now be photostated when transcripts are desired instead of the transcripts being typed from the election cards. Fourth, in cases of old records where transcripts must be typed, the first typed copy is now photostated and the original kept, thus doing away with the necessity of typing a new transcript of the record each time one is requested.

Counter work.—The heaviest work seems to come during the registration period, when material is issued to students in four schools—Literature, Science, and the Arts, Music, Education, and Architecture. This material consists of registration blanks and election and class cards, together with activities blanks for students who have been out of residence for one semester. After the regular rush is over, for another three weeks we issue late-registration material, and beginning with the first week of the new semester change-of-election blanks are given out. Courses may be added during the first three weeks and dropped until Thanksgiving vacation. This office assumes the responsibility of sending drop slips to the individual instructors.

Trouble cards are another big item at the counter. Each member of the office staff who desires information or desires to impart information to a student makes out a card which is left at the counter. The student is then summoned and the information received is listed on our office cards.

All changes are recorded on election cards—courses dropped and courses added. Incidentally, 571 Literary students changed elections during the first week, 142 changed during the second week, and 163 changed during the third week of the first semester of the 1936-37 session. The number of students in other schools making changes of election is proportionately as large.

During the semester both coupons of the election card must be verified for the correct address to which grades are to be mailed at the end of the semester—to the out-of-town address of the parents and to the Ann Arbor address of the student.

Concerning fees and indebtedness.—Credits and transcripts are withheld until all unpaid accounts due the University have been settled in full. When these accounts are paid at the Cashier's Office a release is sent to the Registrar's Office and this in turn releases the credits or transcript as the case may be.

Requests for transcripts, registration for medical-aptitude tests, changes of address, supplementary grade slips, requests for catalogs to be sent, information concerning records, for both students and faculty members, and general information—these, together with the ever-present telephone, are some of the duties assigned to the counter clerk.

Degree programs.—At the end of the sophomore year, the student's record is checked carefully to determine whether the requirements for the first half of the program have been satisfactorily completed. If the student's record has been found satisfactory in every way, a triplicate form is made plus a blueprint of the record to be given to the student at the time of classification or at any time that a student fulfills all requirements for admission to candidacy for a degree. The blueprint of the student's record is to be given to the adviser so that he may check in order to determine whether the student is eligible to be admitted to the particular field. Upon finding the student eligible to concentrate in the field of concentration, the adviser signs each of the three forms, retaining one copy and the blueprint. One copy is filed in the Registrar's Office and the other copy is retained by the student.

After the concentration slip has been filed in the Registrar's Office, it is pasted to the front of the check card and then coded for the different fields of concentration, of which there are 47.

If a student should wish to change his field of concentration, a new set of triplicates and a blueprint of his record is issued. After the copy of the triplicate has been filed in the Registrar's Office, the new field of concentration is posted to the student's record and the card then recoded for the new field of concentration.

The records of students admitted to candidacy for a degree are next checked to determine the amount of credit in excess of 60 hours that may be transferred to the degree program. This is determined by the following regulations:

1. Students who cross the first half of the 60-hour line (*a*) with a total

record of C average or better; and (b) with a record for the semester, or summer session of crossing, of C average or better, have all hours in excess of 60, and the points accompanying these excess hours, credited to the degree program.

2. Students who cross the 60-hour line with a total record below C average, or students who have a semester record below C average for the semester in which they become eligible to apply for admission to candidacy, may divide the work when they become eligible subject to the following restrictions: (a) the credit for a course (both hours and points) cannot be split; (b) each course elected (both hours and points) must be counted in one program or the other; and (c) courses applied on the degree program must average at least C grade.

In September, 1937, there were 1,650 students in the Literary College on the degree program, 736 of whom were admitted for the first time, while 914 had already been admitted to candidacy for a degree.

In February, 1937, 429 were admitted to concentration programs for the first time. Withdrawals from school, graduation, etc., left 2,017 on the degree program for the second semester. The fields of concentration selected by these students are shown in the table on p. 190.

Honor Societies.—Unlike the procedure in past years, in October Associate Professor Swinton, Secretary of Phi Kappa Phi, national honorary senior society, was furnished with a blueprint of the record of seniors who met the following specific requirements: at least a B average and those holding rank in the highest 10 per cent of the February and June graduating classes. A representative chosen by Mr. Swinton was sent to the Registrar's Office and selected those senior records which met the above-mentioned requirements. From the material furnished to Associate Professor Swinton by this office, selection was made for those eligible to Phi Kappa Phi for the fall election. In February the representative of Associate Professor Swinton used the records in the Registrar's Office showing courses and grades for the first semester, 1936-37, in order to obtain a tentative list of those from which candidates for spring election to Phi Kappa Phi might be chosen. At this time of the year the list included the highest 10 per cent of those students who were candidates for degrees in the calendar year, namely, in February, June, and August. Those persons who graduate in August are considered at this time so that they are in residence at the time of the Honors Convocation. Only those students with the required average, with the above-mentioned specific requirements, and those who met the minimum residence requirement of 40 hours at the University of Michigan were considered by Associate Professor Swinton.

In February, Assistant Professor Butler, Secretary of Phi Beta Kappa, was furnished with the list of those seniors meeting the specific requirements for seniors for Honors Convocation; namely, at least a B average, falling within the highest 10 per cent of those eligible for degrees in the calendar year, in February, in June, and in August, and completion of at least 40 hours of academic work while registered in the University of Michigan. From this list Assistant Professor Butler selected those who met

| <i>Field of Concentration</i> | <i>Seniors</i> | <i>Juniors</i> | <i>Total</i> |
|---|----------------|----------------|--------------|
| Economics | 102 | 143 | 245 |
| History | 122 | 110 | 232 |
| Sociology | 101 | 74 | 175 |
| English | 77 | 52 | 129 |
| Political Science | 57 | 58 | 115 |
| Zoology | 38 | 71 | 109 |
| Letters and Law | 59 | 43 | 102 |
| Chemistry | 39 | 55 | 94 |
| Letters and Medicine | 33 | 51 | 84 |
| Science and Mathematics—Group II | 47 | 33 | 80 |
| French | 41 | 36 | 77 |
| Journalism | 41 | 34 | 75 |
| Speech and General Linguistics | 38 | 35 | 73 |
| Letters and Business Administration | 29 | 27 | 56 |
| Mathematics | 21 | 23 | 44 |
| Geography | 27 | 14 | 41 |
| Psychology | 15 | 20 | 35 |
| Library Science | 30 | .. | 30 |
| German | 19 | 9 | 28 |
| Fine Arts | 14 | 8 | 22 |
| Spanish | 15 | 8 | 23 |
| Social Studies | 8 | 12 | 20 |
| Geology | 11 | 7 | 18 |
| Latin | 9 | 7 | 16 |
| Physics | 9 | 7 | 16 |
| Anthropology | 6 | 5 | 11 |
| Oriental Civilizations | 4 | 4 | 8 |
| Botany | 2 | 3 | 5 |
| Music | 3 | 2 | 5 |
| Philosophy | 2 | 4 | 6 |
| Letters, Business Administration, and Law | 3 | 1 | 4 |
| Romance Languages | 3 | 1 | 4 |
| Landscape Design | 1 | 2 | 3 |
| Letters and Forestry | .. | 3 | 3 |
| Astronomy | 2 | .. | 2 |
| Letters and Nursing | 1 | 1 | 2 |
| Biology | 1 | .. | 1 |
| Classical Languages and Literatures | .. | 1 | 1 |
| Group III | 1 | .. | 1 |
| Greek | 1 | .. | 1 |
| Italian | .. | 1 | 1 |
| Letters and Dentistry | .. | 1 | 1 |
| Religion and Ethics | .. | 1 | 1 |
| Urban and Rural Community | .. | 1 | 1 |
| Not reported | .. | 17 | 17 |
| Total | 1,032 | 985 | 2,017 |

the scholastic requirements for Phi Beta Kappa. A blueprint of each senior's record chosen was then furnished by this office, and from that list selection for the society was made.

For the fall elections of Alpha Lambda Delta, national honorary society for freshman women, and Phi Eta Sigma, national honorary society for men students of the freshman class, the secretaries of these societies were furnished information from the freshman ledger so that selection of those eligible to the society might be made. The requirements for election to Alpha Lambda Delta are the following: "Any freshman woman making

a scholastic average equivalent to at least half A and half B, in her first semester, on a normal schedule, is automatically elected to membership."* Phi Eta Sigma, national honorary society for "promotion of higher scholarship among men students of the freshman class," requires "a scholastic average equal to that of half A, half B, out of a minimum of fifteen hours for the first semester or thirty hours for the entire year."*

As soon as the grades for the first semester were posted to the permanent record, lists for freshman, sophomore, junior, and senior students eligible to attend Honors Convocation were prepared in the Registrar's Office.

Senior work.—The general procedure of checking tentative candidates for degrees was followed during the past year as in former years. The policy followed in former years in the work of presenting the final lists of candidates for degrees to the Board of Regents for recommendation was enforced.

Owing to the large attendance anticipated at the Centennial, and the resultant crowded housing situation, the final examination schedule for the second semester was changed so that examinations began two days earlier than in former years, and thus the last final examination was given the afternoon of June 12, instead of the Tuesday before the Commencement exercises. Thus the majority of students had gone before the guests for the Centennial had arrived. This naturally allowed an additional two days' work in which to complete the necessary procedure for the preparation of the list to be presented to the Board of Regents. This past year a new procedure was followed in the reporting of senior grades. Cards measuring 3 x 5 inches were furnished each senior, who filled them out, giving the following information for each election: student's full name, department, number of course, hours' credit, and instructor's name. These cards were checked against the election cards to see that the students had listed them properly, then were sorted and filed according to departments and instructors. They were sent to the men concerned, who, after the final examination, recorded the grade and returned them as soon as possible to the Registrar's Office. The instructions sent to the faculty asked that names of seniors previously reported be included on the final lists sent in on the regular course report. We wish to thank the faculty for its excellent coöperation in reporting grades promptly, which greatly expedited the work of the office.

As in the year 1935-36, each graduate registered throughout the year in the College of Literature, Science, and the Arts, College of Architecture, School of Education, School of Forestry and Conservation, or School of Music, was provided with a blueprint of his record which showed all courses pursued, with the accompanying grades, the degree granted, and the certificate, if any. In addition, in June, 1937, the blueprint of each graduating senior became an official transcript because it bore the seal of the University and an ink signature. This was furnished without charge.

After Thursday noon, June 17, the dead line for compiling the final list of graduates, the above-mentioned blueprints were prepared so that they

* *Announcement of the College of Literature, Science, and the Arts, 1936-1937, p. 61.*

would be in readiness for distribution after the Commencement exercises Saturday evening. Again this past year the exercises were held at Ferry Field, and the Intramural Building was thrown open so that the students might receive their diplomas. Within a half hour after the exercises had closed, everyone wishing his diploma Saturday evening had been serviced by representatives of the various schools and colleges.

During the past year the Regents ruled that the size of the diploma would be changed from that of 13 x 17 inches to one measuring 6 x 8 inches in all but the professional schools. The smaller diploma was then placed in a blue leather case and distributed to the student in that manner. The diploma shows the engraved seal of the University and bears the signature of the President of the University and its Secretary.

The Extension Service continues to show a substantial increase in its enrollment figures. The total of 4,080 credit registrations last year was an increase of 837 over the year 1935-36, as against an increase of 1,019 in 1935-36 over the year previous. Approximately 83 per cent of the additional enrollments for 1936-37 were in the Correspondence Study Division.

A big step in advance was made last year in starting permanent record cards for extension students. The work of all past semesters was entered on the one card, from which it is possible to make photostatic copies for transcripts, a method which effects great saving in time in this division.

These larger-sized cards were incorporated with those of the regularly matriculated students, making one alphabetical file instead of two, a further saving of time in the daily search of past records.

Assignment of rooms.—Associate Professor Rich, formerly the Associate Registrar, as Secretary of the Faculty of the College of Literature, Science, and the Arts, kept 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. Although Dr. Rich has returned to full-time teaching in the Physics Department, the record of classrooms is still maintained by a member of the Registrar's staff, but all decisions regarding allocation of space are made by the Office of the Dean.

During the year 1936-37 the Registrar's Office coöperated with a committee of the Faculty of the College of Literature, Science, and the Arts in making a study of the distribution of rooms used by several of the departments in that college. On the basis of this study, the committee made the assignment of rooms for those departments concerned in the study for the *Announcements* of the College of Literature, Science, and the Arts and of the Graduate School. The assignment of rooms for the other departments in those *Announcements*, and for those in the Summer Session *Announcement* was under the supervision of Dr. Woodburne. The details of the procedure of keeping the record remained the same as in former years and is summarized as follows:

Room assignments are made to departments through secretaries, and occasionally professors, before copy is returned to the Editorial Office. Copy

on the various *Announcements* is checked, as well as galley, to make sure that no conflicts occur. Since two people are required to do the checking, the 1937-38 *Announcements* were checked by the Registrar's staff member assisted by a representative of the College of Literature, Science, and the Arts; and one from the Summer Session Office. A new post-index book is made each year, which contains a record of the previous and current years; the room bulletin board is then made to agree with the post-index book.

Preceding the examination period each semester, automatic room reservations are taken care of, and then the special assignments are made. A few of these are made during the summer-session examination period. These special assignments continue during the entire examination period.

Duplication of records.—Early in the year attention was called to the high cost of hand-printing on the linen used for the permanent record. During the last few years this cost has been borne by the Federal Government through NYA students who have been used to do this work. In addition, the linen sheets cannot be filed except by laying them flat in boxes. Although the linen sheet served adequately in giving students a complete copy of their record each year, speeded up the work of the transcript department, and had other advantages, it seemed desirable to consider other methods of keeping permanent records.

In November a committee composed of the Dean of the College of Literature, Science, and the Arts, the Controller and Assistant Secretary of the University, and the Assistant Registrar visited Michigan State College to observe their photostat machinery in operation and to consider its adoption at the University. The Michigan State College photostat equipment seemed satisfactory, and on return the committee devised a plan of operation that was explained to a meeting of deans of the five schools having records kept in this office. At first, consideration was given to installing the needed equipment in the Registrar's Office, but after further consideration and assistance from the University Librarian and the University Controller and Assistant Secretary, it seemed desirable to add to the equipment already in the Library in order to have a University Photostat Bureau. This plan was approved by the Librarian, the Business Office, and the Registrar's Office. The plan was given approval by the University administrative offices, but for financial reasons an appropriation was not made for the year 1937-38 session.

STATISTICAL OFFICE

Enrollment.—The number of students enrolled in the Regular Session, the Summer Session, and the Extension Service during the year 1936-37 was greater than at any other time during the history of the University. It exceeded the highest previous enrollment, 1935-36, by 2,003 students. See page 209.

Comparative enrollment figures as of November 1, 1936, and November 1, 1935, excluding those who received a complete refund of fee, follow:

NOVEMBER ENROLLMENT

| Session | 1936 | | | 1935 | | | Gain | |
|------------------------------------|--------|-------|--------|-------|-------|--------|--------|------|
| | Men | Women | Total | Men | Women | Total | Amount | % |
| Regular Session | 7,560 | 3,063 | 10,623 | 7,132 | 2,694 | 9,826 | 797 | 8.1 |
| Summer Session | 2,886 | 1,641 | 4,527 | 2,586 | 1,480 | 4,066 | 461 | 11.3 |
| Net Total, Regular and Summer | 9,275 | 4,363 | 13,638 | 8,693 | 3,892 | 12,585 | 1,053 | 8.4 |
| Extension Service*: | | | | | | | | |
| Credit Class | 648 | 1,233 | 1,881 | | | | | |
| Credit Correspondence | 266 | 191 | 457 | | | | | |
| Net Total, Entire University | 10,121 | 5,747 | 15,868 | | | | | |

* Figures for 1935 were not reported.

In addition to the above figures for 1936, the following were enrolled in noncredit courses:

| | Men | Women | Total |
|--------------------------------|-----|-------|-------|
| Noncredit Class | 213 | 392 | 605 |
| Noncredit Correspondence | 3 | 5 | 8 |
| WPA-College | 42 | 39 | 81 |
| WPA-High School | 344 | 0 | 344 |

The Regular Session enrollment for the entire year increased 9 per cent. It is difficult to measure the effect of the various factors which may have contributed to this increase. No doubt some of the gain was due to more people being aware of the opportunity to obtain employment under the National Youth Administration plan. During 1936-37, approximately one hundred more students were granted work under this arrangement than received this assistance during the previous year. Business conditions in general were greatly improved. This return to prosperity meant that industries were employing more men and, since engineering colleges are natural feeders to industry, this probably explains to some extent the 10 per cent increase for the regular session in that college.

In the College of Architecture, the 28 per cent gain is partially due to the fact that there were better conditions in professional practice. The dammed-up demand for building work was gradually opening and considerable publicity was being given to architectural activities by the Federal Housing Bureau.

In the School of Forestry and Conservation, where the enrollment increased 57 per cent, the following explanation has been offered. New Deal activities have thrown special emphasis on work in forestry, through the Civilian Conservation Corps camps, soil conservation projects, etc. At the outset, people rushed to schools without such difficult entrance requirements and programs in order to get any kind of a certificate of graduation. As the whole thing has become more stabilized, pressure has been put upon

the inadequately trained, and candidates for the work have been compelled to secure better preparation. With this raising of standards, the better schools have shown increases in enrollment.

A considerable portion of the 50 per cent increase in the School of Education was due to students brought here as a result of the Social Security Act, for special public health courses. The tuition for these enrollees was paid by the Government, through the individual states in which the students resided.

In the Horace H. Rackham School of Graduate Studies, the increase in regular session enrollment amounted to 19 per cent. Some of these students were brought here by the Social Security Act, for special public health courses, some were attracted by the additional aid offered to graduate students under the NYA, and no doubt a great number came because of the increased opportunity the University of Michigan is able to offer in graduate study because of the Horace H. Rackham gift. Each year more and more schools require that their teachers have higher education and, since salary increases depend largely upon meeting this requirement, many return for graduate study.

Other divisions of the University experienced less marked increases and three showed decreases. For complete tables showing the gain or loss from the 1935-36 enrollment figures, see pp. 205-209.

During the last four of the past five years, the number of students from the state of Michigan attending the University has increased yearly. In the regular session, the proportion of Michigan students to the total enrollment has decreased each year during the same period. The proportion for the summer session decreased, then followed the increase in number for three of these years and, during the final period, again decreased while the number continued to rise. The Michigan enrollment, including the Extension Service, increased during the last four years and the proportion for the group decreased and then increased for the last three years. The following table shows the number of Michigan students enrolled during the past five-year period:

MICHIGAN ENROLLMENT

| Year | Regular Session | | Previous Summer Session | | Entire University | |
|---------|-----------------|----------|-------------------------|----------|-------------------|----------|
| | Number | Per Cent | Number | Per Cent | Number | Per Cent |
| 1932-33 | 5,535 | 61.7 | 2,068 | 55.0 | 8,656 | 65.3 |
| 1933-34 | 5,280 | 60.2 | 1,463 | 49.4 | 7,737 | 62.9 |
| 1934-35 | 5,604 | 58.6 | 1,663 | 50.8 | 8,580 | 62.7 |
| 1935-36 | 5,984 | 57.5 | 2,134 | 52.5 | 10,167 | 63.4 |
| 1936-37 | 6,419 | 56.6 | 2,265 | 50.0 | 11,449 | 63.5 |

Every county in Michigan sent some students to the University during the year 1936-37 and all but sixteen of the eighty-three sent freshmen. See pp. 210-211. In the regular session more than 52 per cent of the entire Michigan enrollment was from the two counties of Washtenaw and Wayne.

During both the regular and the summer session every state in the Union was represented in our enrollment. See pp. 212-213.

The University continues to attract many students from outside continental United States. During the regular session 316 students, or 2.8 per cent of the entire enrollment, came from outside. The 1936 Summer Session enrolled 164, or 3.6 per cent from outside the United States.

In addition to those students enrolled for credit, 3,369 were registered in noncredit courses and approximately 3,236 in institutes and conferences. Since enrollments in the institutes and conferences are for a short period and consequently somewhat irregular, it is possible that some registrations may not have been reported and some duplications may have been overlooked. The table on pp. 218-219 is to be regarded as an accurate approximation.

Grade study.—Grade-point averages for all students in the University in courses normally pursued by freshmen were figured for the first semester and were mailed to the principals of the high schools, with reports of grades earned in these courses by graduates from their schools enrolled in the University as freshmen. This study showed the following distribution of grades:

| | A | B | C | D | E | Total |
|--------------------------------|-------|--------|--------|-------|-------|--------|
| Total semester hours | 4,073 | 10,477 | 15,408 | 4,108 | 1,487 | 35,553 |
| Per cent | 11.5 | 29.5 | 43.3 | 11.6 | 4.2 | |

Using the scale of A-4 points, B-3, C-2, D-1, E-0, the general average in these courses was 2.3 honor points, the same as that for the preceding year.

Some time ago, the members of the faculty were asked for an expression of opinion concerning the dates at which a grade study for the undergraduate and nonprofessional schools of the University should be made. It was decided that this might best be done at three-year intervals. Since the last study covered the year 1933-34, a similar report for the year 1936-37 is now being prepared. Former studies have presented the grades earned by students in the various Schools and Colleges, grouped according to the Schools and Colleges in which the students were enrolled. For the year 1936-37, this study is being extended to show grades grouped by the Schools and Colleges in which the courses were offered.

Withdrawals.—The withdrawal analysis on pp. 198-199 covers the regular session of the year 1936-37, from the opening of school in September to the examination period in June. It does not include students who withdrew during the first semester and reentered for the second semester.

During the period covered by the withdrawal study, 11,339 students were registered. Of this number, 1,327, or 11.7 per cent, left the University at some time during the period. Graduation prior to June, a normal and desirable exit from the University, took 201 students, leaving 1,126, or 9.9 per cent of the enrollment of 11,339, in need of analysis.

Of the 1,126 cases of withdrawal needing investigation, more than half (623) did not indicate a reason for withdrawal. However, since 306 of the "not specified" group were withdrawals from the Graduate School, we shall assume that this number left because of opportunity for employment or because other outside interests, entirely beyond the control of the University, prevented their continuing their higher education. Departures caused by

family illness and need, 26 students, may also be considered unavoidable withdrawals. This leaves the following group:

| <i>Cause</i> | <i>Number of Withdrawals</i> |
|---|----------------------------------|
| Home action prior to June | 164 |
| Ill health | 99 |
| Employment | 62 |
| N.T.R. action prior to June | 57 |
| Financial difficulties | 47 |
| Attending school elsewhere | 16 |
| Other reasons | 45 |
| Not specified (other than Graduate School withdrawals)..... | 317 |
| Total | 807 |

This total is 7.1 per cent of the enrollment for the year. Most of the 57 students listed under "N.T.R." action would fall into the poor scholarship, ill health, or financial difficulty groups. In the "Other Reasons" group are included those withdrawals due to lack of interest in studies, difficulties with work, marriage, discipline, opportunities for travel, etc., where there were not enough withdrawals for any one cause to seem to warrant a separate classification. The "Not Specified" group of 317 consists mainly of those students who simply did not return for the second semester and, since no formal withdrawal is required, did not give any reason for leaving. If further analysis of this group were possible, it might reveal causes which the University could control and does not at the present time.

All the entering students present credentials which, in the best judgment of the admission officers, indicate that they are prepared for University work. Students are examined by a competent medical staff in order that all those who, in their opinion, are physically unprepared for college are eliminated at the outset. Loan funds are available for those students who are scholastically qualified and financially unable to continue. All of these provisions are already made to help ensure a high survival rate among the registrants.

With the aid of the information presented on pp. 198-199, existing University agencies may examine the results of their efforts for the past year to select those whose preparation mentally, physically, and financially seemed to ensure satisfactory work in the University.

ANALYSIS OF WITHDRAWALS BY CAUSE*

SEPTEMBER, 1936-JUNE, 1937

| Cause of Withdrawal | L., S., & A. | | | | | | | | | | | Duplicates | Net Total | Per Cent | | |
|--|--------------|------|-----|--------|-------|-------|-----|----------|-------------|-------|-------|------------|-----------|----------|--------|------|
| | Eng. | Med. | Law | Pharm. | Dent. | Arch. | Ed. | Bus. Ad. | For. & Con. | Nurs. | Music | | | | Grad. | |
| 1. Graduation (withdrawal from University) . | 48 | 59 | 2 | 9 | 3 | 5 | 2 | 11 | 2 | 2 | . | 2 | 56 | . | 201 | 15.0 |
| 2. Graduation (transfer within University) ... | 24 | 9 | . | . | . | . | . | 3 | . | . | . | . | . | . | (36) | |
| 3. Transfer within University (not following graduation) | 35 | 18 | 4 | 3 | . | 2 | 2 | 6 | 2 | . | 3 | 1 | 2 | . | (78) | |
| 4. Home action prior to June | 93† | 45 | 4 | . | 8 | 5 | 3 | 1 | 2 | 2 | . | 1 | . | . | 164 | 12.2 |
| 5. Ill health | 39 | 19 | 8 | 9 | 1 | . | 6 | 3 | 2 | . | . | 6 | 7 | 1 | 99 | 7.4 |
| 6. Employment | 13 | 9 | 1 | 3 | . | . | 4 | 1 | 3 | 4 | . | 1 | 25 | 2 | 62 | 4.6 |
| 7. "N.T.R." action prior to June | 51 | . | . | . | . | . | 3 | . | . | . | . | 3 | . | . | 57 | 4.3 |
| 8. Financial difficulties | 15 | 13 | 3 | 2 | . | . | 1 | 4 | . | 1 | . | 2 | 6 | . | 47 | 3.5 |
| 9. Family illness and need | 12 | 4 | 1 | 3 | . | . | 2 | . | 1 | . | . | 1 | 3 | 1 | 26 | 1.9 |
| 10. Attending school elsewhere | 6 | 3 | . | 1 | 1 | . | 1 | . | 1 | 1 | . | 2 | 1 | . | 16 | 1.2 |
| 11. Other reasons | 18 | 12 | 2 | . | 1 | . | . | 1 | . | 8 | . | 1 | 2 | . | 45 | 3.4 |
| 12. Not specified | 114 | 36 | 2 | 10 | 2 | 2 | 13 | 91 | 6 | 3 | 31 | 7 | 306 | . | 623 | 46.5 |
| | 468 | 227 | 27 | 40 | 16 | 14 | 31 | 126 | 18 | 14 | 42 | 27 | 408 | 4 | 1,340‡ | |
| 13. Duplicates between 3 and 4 | 1 | . | 2 | . | . | 1 | . | . | . | . | . | . | . | . | 4 | |
| 14. Other duplicates | . | . | . | . | . | . | . | . | . | . | . | . | . | 9 | 9. | |
| 15. Total withdrawals (Sept. to June exams) .. | 467 | 227 | 25 | 40 | 16 | 13 | 31 | 126 | 18 | 14 | 42 | 27 | 408 | 13 | 1,327‡ | |

* Nine students in the College of Literature, Science, and the Arts, 5 in the College of Engineering, and 1 in the College of Architecture withdrew during the first semester and returned for the second semester. These have not been included in this analysis.

† In February, 87 students were requested to withdraw because of poor scholarship but were reinstated immediately upon special probation, with the following outcome:

- 2 did not elect to remain for the second semester
- 3 removed their probation during the second semester
- 23 were continued on probation in June
- 6 received an "N.T.R." action upon withdrawal during the second semester
- 4 received an "N.T.R." action in June
- 49 (57%) were asked to withdraw permanently in June

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With the exception of the two students who did not elect to remain, the 87 students have not been included in the 93.

‡ Totals for (2) and (3) have not been included, since they are not withdrawals from the University.

ANALYSIS OF WITHDRAWALS BY DATE
SEPTEMBER, 1936—JUNE, 1937

| Date of Withdrawal | L., S., & A. | | | | | | | | | | | | | Duplicates | Net Total | Per Cent |
|---|--------------|------------|-----------|-----------|-----------|-----------|-----------|------------|-------------|-----------|-----------|-----------|------------|------------|---------------|----------|
| | Eng. | Med. | Law | Pharm. | Dent. | Arch. | Ed. | Bus. Ad. | For. & Con. | Nurs. | Music | Grad. | | | | |
| October | 14 | 5 | 2 | 1 | . | 1 | 1 | . | 1 | 2 | 1 | 2 | 9 | . | 39 | 2.9 |
| November | 23 | 12 | 3 | 7 | . | 1 | . | 4 | 1 | 3 | 1 | 3 | 14 | . | 72 | 5.4 |
| December | 14 | 3 | 1 | 2 | 2 | . | 1 | 1 | 2 | 1 | . | 2 | 3 | . | 32 | 2.4 |
| January | 16 | 10 | 4 | 1 | . | 1 | 4 | 1 | 1 | . | . | 1 | 2 | 1 | 40 | 3.0 |
| February withdrawals | 292 | 145 | 9 | 21 | 13 | 8 | 20 | 102 | 8 | 8 | 32 | 16 | 359 | 11 | 1,022 | 77.0 |
| transfers | 59 | 27 | 4 | 3 | . | 2 | 2 | 9 | 2 | . | 3 | 1 | 2 | . | (114) | |
| March | 16 | 5 | . | 4 | 1 | . | . | 2 | 2 | . | 1 | . | 8 | 1 | 38 | 2.9 |
| April | 21 | 13 | 1 | 1 | . | . | 2 | 5 | . | . | 2 | 1 | 7 | . | 53 | 4.0 |
| May | 10 | 7 | 1 | . | . | . | 1 | 1 | 1 | . | 1 | 1 | 4 | . | 27 | 2.0 |
| June (other than "Home" and "N.T.R.") | 2 | . | . | . | . | . | . | 1 | . | . | 1 | . | . | . | 4 | .3 |
| Total | 467 | 227 | 25 | 40 | 16 | 13 | 31 | 126 | 18 | 14 | 42 | 27 | 408 | 13 | 1,327* | |

* February transfers are not included in this total, since they are not withdrawals from the University.

JUNE "N.T.R." AND "HOME" ACTIONS BY SCHOOLS AND COLLEGES
JUNE, 1937

| Cause of Withdrawal | L., S., & A. | | | | | | | | | | | Total | | |
|---|--------------|------|-----|--------|-------|-------|-----|----------|-------------|-------|-------|-------|-------|------------|
| | Eng. | Med. | Law | Pharm. | Dent. | Arch. | Ed. | Bus. Ad. | For. & Con. | Nurs. | Music | | Grad. | Duplicates |
| 1. June "N.T.R." action.. | 40 | . | . | . | . | . | . | . | . | . | . | . | . | 41 |
| 2. June "Home" action.. | 207* | 156 | 11 | . | 5 | 4 | 4 | 15 | 3 | . | 1 | 1 | . | 407 |
| 3. Total June "N.T.R." and "Home" actions | 247 | 156 | 11 | . | 5 | 4 | 4 | 15 | 3 | . | 1 | 2 | . | 448 |

* Included in this figure are 47 students requested to leave because of failure to meet the scholastic requirement for admission to the degree program. These are not included in the Administrative Board actions on p. 60. Five students requested to withdraw because of poor scholarship but immediately reinstated on special probation are not included in the 207.

The Honors Convocation.—The fourteenth annual Honors Convocation was held Friday, April 30, 1937, in Hill Auditorium, at eleven o'clock. Jesse S. Reeves, William W. Cook Professor of American Institutions, delivered the convocation address. His subject was, "Scholarship, An Accomplishment and a Profession." Professor Reeves was the first member of the University faculty to be a speaker on this occasion.

The following groups of students were honored:

| | Men | Women | Total |
|---|-----|-------|-------|
| Seniors, with at least a "B" average and holding rank in the highest 10 per cent of the class | 132 | 70 | 202 |
| Students with at least ½ "A" and ½ "B" averages: | | | |
| Juniors | 70 | 20 | 90 |
| Sophomores | 59 | 16 | 75 |
| Freshmen | 64 | 30 | 94 |
| Graduate School: | | | |
| Fellowships and scholarships | 91 | 30 | 121 |
| Other honor students | 119 | 35 | 154 |
| Recipients of special scholarship awards | 130 | 41 | 171 |
| Total citations | 665 | 242 | 907 |
| Duplicates* | 85 | 21 | 106 |
| Total students honored | 580 | 221 | 801 |

* 79 men and 21 women received 2 citations each, and 3 men received 3 each.

The Scholarship Chart.—The sororities again led the general groups scholastically with an average .9 per cent lower than last year. Phi Sigma Delta, with an average of 81.9 per cent was the leading general fraternity and Alpha Delta Pi, with 82.4 per cent was high for the sororities. Among the professional groups, the medical sorority Alpha Epsilon Iota, with 84.0 per cent was 1.7 per cent higher than the highest fraternity. An average of 77.6 per cent placed Phi Delta Phi in the top position for the law fraternities and one of 77.3 per cent gave Delta Sigma Delta first place for the dental fraternity group.

Zuck League house earned an average of 84.2 per cent and was almost 2.0 per cent above the next highest women's residence group, Martha

Cook. Since only 11 girls contributed to the average for Zuck house while the average for Martha Cook Building was based upon the records of 131 girls, both groups are entitled to recognition for outstanding achievement scholastically.

This office was called upon again to furnish the names of the freshman, the sophomore, and the junior independent woman with the highest scholastic average, in order that recognition might be given them at the Assembly banquet. This is the fourth year that the honor has been conferred. The names of the recipients for these four years follow:

| Year | Freshman | Sophomore | Junior |
|---------|-----------------------------|-------------------|-----------------------|
| 1933-34 | Voltairine Elisabeth Hirsch | B. Ilene Brunson | Mary Elizabeth Lunny |
| 1934-35 | Mary Louise Bierkamp | Betty Goldstein | Nina Jean Knutson |
| 1935-36 | Charlotte Jean Holland | Florence McConkey | Vivien Ruth Greenberg |
| 1936-37 | Frances Grace Orr | Bernice Cohen | Florence McConkey |

Comparative scholastic averages for the past two years follow:

| Group | RANK* | | |
|---|---------------------|---------------------|-------------------------|
| | 1936-37 Per Cent | 1935-36 Per Cent | Improvement Per Cent |
| General sororities | 78.6 | 79.5 | -.9 |
| Independent women students† | 78.3 | 78.0 | .3 |
| Women students† | 78.0 | 78.2 | -.2 |
| Women's dormitories and league houses | 77.4 | 77.3 | .1 |
| General fraternities and sororities | 76.8 | 77.8 | -1.0 |
| Independent men and women† | 76.6 | 76.4 | .2 |
| Men and women† | 76.4 | 76.5 | -.1 |
| General fraternities | 75.9 | 77.0 | -1.1 |
| Independent men students† | 75.9 | 75.8 | .1 |
| Men students† | 75.7 | 75.8 | -.1 |
| Independent medical students | 79.9 | 78.6 | 1.3 |
| All medical students | 79.3 | 79.4 | -.1 |
| Medical fraternities | 78.9 | 80.0 | -1.1 |
| Law fraternities | 75.6 | 73.8 | 1.8 |
| Lawyers Club | 74.8 | 71.2 | 3.6 |
| All law students | 73.4 | 71.9 | 1.5 |
| Independent law students | 73.1 | 71.5 | 1.6 |
| Independent dental students | 77.1 | 77.6 | -.5 |
| All dental students | 76.4 | 76.3 | .1 |
| Dental fraternities | 76.3 | 75.1 | 1.2 |

* The rank is figured, using the scale A—100%; B—85%; C—70%; D—50%; E—20%.

† 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.

The Register of Students.—Following six years of publication by the lithoprinting process, it was decided that the *Register of Students for 1936-37* be printed. Several members of office staffs where the *Register* is used have commented upon the change with enthusiastic approval. The record is now the size and style of the other official publications and is much more satisfactory in appearance and legibility than it was when lithoprinted.

Faculty statistics.—The number of faculty members, through the rank of instructor, increased 2.3 per cent over the previous year. During the regular session, the total was 755 as compared with 738 for 1935–36. This corresponds to an increase of 9.0 per cent in enrollment. The net total for both the regular session and the summer session was 801, an increase of 26 faculty members or 3.4 per cent, corresponding to an increase in enrollment of 9.2 per cent. For detailed figures of faculty distribution by Schools and Colleges see the following tables:

FACULTY STATISTICS

1936–1937

TABLE I

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 |
| Professor Emeritus and Director Emeritus of the University | |
| Extension Service | 1 |
| Professors Emeritus | |
| College of Literature, Science, and the Arts | 7 |
| College of Engineering | 2 |
| Medical School | 5 |
| Law School | 2 |
| College of Pharmacy | 1 |
| School of Dentistry | 1 |
| School of Education | 1 |
| Library | 2 |
| Associate Professor Emeritus | |
| College of Literature, Science, and the Arts | 1 |
| | 27 |
| Duplicate (Dean Emeritus of the School of Education, and Professor Emeritus of the School of Education) | 1 |
| Net Total | 26 |

| | Men | Women | Total |
|--|------------|-----------|------------|
| 2. Teaching Faculty— | | | |
| *Regular Session | | | |
| Professors | 228 | 4 | 232 |
| Associate Professors | 135 | 6 | 141 |
| Assistant Professors | 157 | 9 | 166 |
| Instructors | 189 | 27 | 216 |
| Total | 709 | 46 | 755 |
| 1936 Summer Session | | | |
| Professors | 121 | 3 | 124 |
| Associate Professors | 79 | 4 | 83 |
| Assistant Professors | 86 | 6 | 92 |
| Instructors | 62 | 23 | 85 |
| Total | 348 | 36 | 384 |
| Net Total, Regular Session and 1936 Summer Session | | | |
| Professors | 254 | 5 | 259 |
| Associate Professors | 139 | 7 | 146 |
| Assistant Professors | 162 | 10 | 172 |
| Instructors | 196 | 28 | 224 |
| Total | 751 | 50 | 801 |
| Extension Service | | | |
| Credit Courses | | | |
| Class | 79 | 8 | 87 |
| Correspondence | 30 | 4 | 34 |
| Noncredit Courses | | | |
| Class | 31 | 1 | 32 |
| Correspondence | 6 | 1 | 7 |
| Total | 146 | 14 | 160 |
| Duplicates | 8 | 0 | 8 |
| †Net Total | 138 | 14 | 152 |

* Based upon the budget as originally adopted.

† Of these, 3 men and 1 woman in class credit courses, 4 men and 1 woman in class noncredit courses, and 2 men and 1 woman in correspondence noncredit courses were nonfaculty. In addition to these figures, there were 55 nonfaculty men and 18 nonfaculty women who were supervisors of students in various centers of the State.

TABLE II
1936-1937 DISTRIBUTION OF TEACHING FACULTY BY SCHOOLS AND COLLEGES

| RANK | | | | | | | | | | | | | | | Total for Academic Year* | 1936 Summer Session | Net Total 1936-37 | |
|---------------------------|--------------|------|-------|------|-----|--------|-------|-----|----------|-------------|---------|-------|---------------------------|-----------|--------------------------|---------------------|-------------------|---------|
| | L., S., & A. | Eng. | Arch. | Med. | Law | Pharm. | Dent. | Ed. | Bus. Ad. | For. & Con. | Nursing | Music | Hyg., P.H., and Phys. Ed. | Mil. Sci. | | | | Museums |
| Professor | 95 | 43 | 5 | 23 | 17 | 2 | 7 | 14 | 8 | 7 | .. | 7 | 6 | 1 | .. | 232 | 124 | 259 |
| Associate Professor | 70 | 24 | 3 | 16 | 1 | 1 | 2 | 8 | 5 | 3 | .. | 3 | 2 | .. | 3 | 141 | 83 | 146 |
| Assistant Professor | 77 | 35 | 7 | 26 | .. | 1 | 3 | 3 | .. | 1 | .. | 7 | 2 | 6 | .. | 166 | 92 | 172 |
| Instructor | 63 | 10 | 5 | 78 | .. | .. | 18 | 5 | 1 | .. | 9 | 10 | 17 | .. | 1 | 216 | 85 | 224 |
| Total | 305 | 112 | 20 | 143 | 18 | 4 | 30 | 30 | 14 | 11 | 9 | 27 | 27 | 7 | 4 | 755 | 384 | 801 |

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

STUDENT STATISTICS

TABLE III

ENROLLMENT OF STUDENTS BY SCHOOLS AND COLLEGES
REGULAR SESSION RESIDENT STUDENTS

| SCHOOL OR COLLEGE | 1936-37 ENROLLMENT | | | GAIN OR LOSS FROM 1935-36 | |
|--|--------------------|-------|--------|---------------------------|----------|
| | Men | Women | Total | Number | Per Cent |
| L., S., and A. | 3,022 | 1,838 | 4,860 | 154 | 3.3 |
| Engineering | 1,754 | 4 | 1,758 | 166 | 10.4 |
| Medical | 438 | 40 | 478 | -10 | -2.0 |
| Law | 597 | 15 | 612 | 23 | 3.9 |
| Pharmacy | 75 | 14 | 89 | -1 | -1.1 |
| Dentistry | 154 | 17 | 171 | -17 | -9.0 |
| Architecture | 168 | 134 | 302 | 66 | 28.0 |
| Education | 153 | 336 | 489 | 163 | 50.0 |
| Business Administration ... | 135 | 4 | 139 | 12 | 9.4 |
| Forestry and Conservation . | 177 | ... | 177 | 64 | 56.6 |
| Nursing | ... | 195 | 195 | 24 | 14.0 |
| Music | 101 | 133 | 234 | 24 | 11.4 |
| Graduate | 1,464 | 652 | 2,116 | 341 | 19.2 |
| Gross Total | 8,238 | 3,382 | 11,620 | | |
| Duplicates between Schools and Colleges . | 227 | 54 | 281 | | |
| Net Total | 8,011 | 3,328 | 11,339 | 938 | 9.0 |

1936 SUMMER SESSION STUDENTS

| SCHOOL OR COLLEGE | 1936 ENROLLMENT | | | GAIN OR LOSS FROM 1935 | |
|--|-----------------|-------|-------|------------------------|----------|
| | Men | Women | Total | Number | Per Cent |
| L., S., and A. | 407 | 326 | 733 | 1 | .1 |
| Engineering | 306 | 1 | 307 | 28 | 10.0 |
| Medical | 256 | 25 | 281 | 21 | 8.1 |
| Law | 163 | 4 | 167 | -14 | -7.7 |
| Pharmacy | 15 | 2 | 17 | 4 | 30.8 |
| Dentistry | ... | ... | ... | ... | ... |
| Architecture | 39 | 12 | 51 | 9 | 21.4 |
| Education | 53 | 275 | 328 | 14 | 4.5 |
| Business Administration .. | 35 | 1 | 36 | 1 | 2.9 |
| Forestry and Conservation . | 65 | ... | 65 | 17 | 35.4 |
| Nursing | ... | ... | ... | ... | ... |
| Music | 120 | 71 | 191 | 45 | 30.8 |
| Graduate | 1,435 | 928 | 2,363 | 338 | 16.7 |
| Gross Total | 2,894 | 1,645 | 4,539 | | |
| Duplicates between Schools and Colleges . | 7 | 4 | 11 | | |
| Net Total | 2,887 | 1,641 | 4,528 | 462 | 11.4 |

TABLE III (Continued)
EXTENSION SERVICE STUDENTS*

| SCHOOL OR COLLEGE | 1936-37 ENROLLMENT | | | GAIN OR LOSS FROM 1935-36 | |
|---|--------------------|-------|-------|---------------------------|----------|
| | Men | Women | Total | Number | Per Cent |
| L., S., and A. | 1,129 | 1,388 | 2,517 | 753 | 42.7 |
| Engineering | 257 | 1 | 258 | 140 | 118.6 |
| Architecture | ... | ... | ... | -5 | -100.0 |
| Education | 515 | 829 | 1,344 | 25 | 1.9 |
| Business Administration .. | 15 | 6 | 21 | -12 | -36.4 |
| Music | 13 | 6 | 19 | 19 | 100.0 |
| Graduate | 1 | 13 | 14 | -31 | -68.9 |
| Gross Total | 1,930 | 2,243 | 4,173 | | |
| Duplicates between Schools and Colleges .. | 53 | 40 | 93 | | |
| Net Total | 1,877 | 2,203 | 4,080 | 837 | 25.8 |

The following number of students, included above, were enrolled in correspondence extension credit courses offered by the University cooperating with the Michigan Works Progress Administration:

| Credit | Men | Women | Total |
|---------------------|-----|-------|-------|
| L., S., and A. | 607 | 369 | 976 |
| Engineering | 100 | 1 | 101 |
| Net Total | 681 | 370 | 1,051 |

The following were enrolled in noncredit courses and, with the exception of 57 men and 43 women who were enrolled in both credit and noncredit extension courses, have not been counted in the above total:

| Noncredit | Men | Women | Total |
|-----------------------|-----|-------|-------|
| Class (Regular) | 412 | 585 | 997 |
| Class (Summer) | 40 | 58 | 98 |
| Gross Total | 452 | 643 | 1,095 |
| Duplicates | 3 | 8 | 11 |
| Net Total | 449 | 635 | 1,084 |
| Correspondence | 134 | 75 | 209 |
| Net Total | 583 | 710 | 1,293 |

Students registered between July 1, 1936 and July 1, 1937 are included in the correspondence enrollment figures. Registrations from the preceding year active during this period are not included.

* 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 and Colleges, they have been grouped according to the divisions of the University from which instructors offering courses have been drawn.

TABLE III (Continued)
1936-1937
REGULAR SESSION
FIRST AND SECOND SEMESTER ENROLLMENT

| 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. | 2,914 | 1,782 | 4,696 | 264 | 154 | 418 | 108 | 56 | 164 | 2,758 | 1,684 | 4,442 |
| Engineering | 1,684 | 3 | 1,687 | 201 | 1 | 202 | 70 | 1 | 71 | 1,553 | 3 | 1,556 |
| Medicine | 434 | 39 | 473 | 18 | 5 | 23 | 4 | 1 | 5 | 420 | 35 | 455 |
| Law | 595 | 15 | 610 | 35 | 0 | 35 | 2 | 0 | 2 | 562 | 15 | 577 |
| Pharmacy | 70 | 14 | 84 | 10 | 5 | 15 | 5 | 0 | 5 | 65 | 9 | 74 |
| Dentistry | 152 | 17 | 169 | 12 | 1 | 13 | 2 | 0 | 2 | 142 | 16 | 158 |
| Architecture | 151 | 120 | 271 | 14 | 14 | 28 | 17 | 14 | 31 | 154 | 120 | 274 |
| Education | 130 | 258 | 388 | 32 | 85 | 117 | 23 | 78 | 101 | 121 | 251 | 372 |
| Business Administration ... | 124 | 4 | 128 | 14 | 1 | 15 | 11 | 0 | 11 | 121 | 3 | 124 |
| Forestry and Conservation. | 161 | 0 | 161 | 14 | 0 | 14 | 16 | 0 | 16 | 163 | 0 | 163 |
| Nursing | 0 | 182 | 182 | 0 | 37 | 37 | 0 | 13 | 13 | 0 | 158 | 158 |
| Music | 91 | 123 | 214 | 11 | 14 | 25 | 10 | 10 | 20 | 90 | 119 | 209 |
| Graduate | 1,195 | 533 | 1,728 | 251 | 138 | 389 | 269 | 119 | 388 | 1,213 | 514 | 1,727 |
| Gross Total | 7,701 | 3,090 | 10,791 | 876 | 455 | 1,331 | 537 | 292 | 829 | 7,362 | 2,927 | 10,289 |
| Duplicates | 132 | 15 | 147 | 9 | 2 | 11 | 0 | 0 | 0 | 141 | 15 | 156 |
| Combined registration one semester, single other semester | | | | 6 | 1 | 7 | 24 | 3 | 27 | | | |
| Change of School at U. of M. | | | | 71 | 36 | 107 | 71 | 36 | 107 | | | |
| Net Total | 7,569 | 3,075 | 10,644 | 790 | 416 | 1,206 | 442 | 253 | 695 | 7,221 | 2,912 | 10,133 |

TABLE IV
ENROLLMENT BY SCHOOLS AND COLLEGES OF RESIDENT REGULAR SESSION STUDENTS
AND 1936 SUMMER SESSION STUDENTS*

| SCHOOL OR COLLEGE | 1936-37 ENROLLMENT | | | GAIN OR LOSS FROM 1935-36 | |
|--|--------------------|-------|--------|---------------------------|----------|
| | Men | Women | Total | Number | Per Cent |
| L., S., and A. | 3,164 | 1,995 | 5,159 | 129 | 2.6 |
| Engineering | 1,823 | 5 | 1,828 | 176 | 10.7 |
| Medical | 611 | 57 | 668 | 10 | 1.5 |
| Law | 660 | 17 | 677 | 1 | .1 |
| Pharmacy | 78 | 15 | 93 | -2 | -2.1 |
| Dentistry | 154 | 17 | 171 | -17 | -9.0 |
| Architecture | 179 | 138 | 317 | 66 | 26.3 |
| Education | 189 | 568 | 757 | 159 | 26.6 |
| Business Administration . . | 150 | 5 | 155 | 15 | 10.7 |
| Forestry and Conservation . | 184 | ... | 184 | 69 | 60.0 |
| Nursing | ... | 195 | 195 | 24 | 14.0 |
| Music | 202 | 189 | 391 | 71 | 22.2 |
| Graduate | 2,567 | 1,467 | 4,034 | 587 | 17.0 |
| Gross Total | 9,961 | 4,668 | 14,629 | | |
| Duplicates between Schools and Colleges . | 294 | 83 | 377 | | |
| Net Total | 9,667 | 4,585 | 14,252 | 1,205 | 9.2 |

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

TABLE V
ENROLLMENT BY SCHOOLS AND COLLEGES OF ALL STUDENTS—RESIDENT AND
NONRESIDENT, REGULAR SESSION STUDENTS, AND 1936
SUMMER SESSION STUDENTS*

| SCHOOL OR COLLEGE | 1936-37 ENROLLMENT | | | GAIN OR LOSS FROM 1935-36 | |
|--|--------------------|-------|--------|---------------------------|----------|
| | Men | Women | Total | Number | Per Cent |
| L., S., and A. | 4,291 | 3,375 | 7,666 | 882 | 13.0 |
| Engineering | 2,075 | 6 | 2,081 | 313 | 17.7 |
| Medicine | 611 | 57 | 668 | 10 | 1.5 |
| Law | 660 | 17 | 677 | 1 | .1 |
| Pharmacy | 78 | 15 | 93 | -2 | -2.1 |
| Dentistry | 154 | 17 | 171 | -17 | -9.0 |
| Architecture | 179 | 138 | 317 | 61 | 23.8 |
| Education | 700 | 1,386 | 2,086 | 183 | 9.6 |
| Business Administration ... | 165 | 11 | 176 | 3 | 1.7 |
| Forestry and Conservation . | 184 | ... | 184 | 69 | 60.0 |
| Nursing | ... | 195 | 195 | 24 | 14.0 |
| Music | 211 | 194 | 405 | 85 | 26.6 |
| Graduate | 2,568 | 1,480 | 4,048 | 559 | 16.0 |
| Gross Total | 11,876 | 6,891 | 18,767 | | |
| Duplicates between Schools and Colleges . | 527 | 197 | 724 | | |
| Net Total | 11,349 | 6,694 | 18,043 | 2,003 | 12.5 |

* 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 and Colleges, they have been grouped according to the divisions of the University from which instructors offering courses have been drawn.

TABLE VI
MICHIGAN STUDENTS BY COUNTIES

| COUNTIES IN MICHIGAN | POPULATION 1930 CENSUS | PUBLIC HIGH SCHOOL ENROLLMENT, 1935-36 | MICHIGAN HIGH SCHOOLS ACCREDITED BY THE UNIVERSITY | | | | UNIVERSITY OF MICHIGAN FRESHMEN, 1936-37 | UNIVERSITY OF MICHIGAN STUDENTS, 1936-37* |
|----------------------|------------------------|--|--|------------|-------------------|------------|--|---|
| | | | Number of Schools 1935-36 | | Graduates 1935-36 | | | |
| | | | Public | Non-Public | Public | Non-Public | | |
| Alcona | 4,989 | 127 | 1 | 0 | 21 | 0 | 0 | 3 |
| Alger | 9,327 | 470 | 5 | 0 | 112 | 0 | 1 | 39 |
| Allegan | 38,974 | 1,503 | 8 | 0 | 287 | 0 | 3 | 47 |
| Alpena | 18,574 | 605 | 1 | 2 | 97 | 34 | 5 | 60 |
| Antrim | 9,979 | 499 | 6 | 0 | 91 | 0 | 0 | 15 |
| Arenac | 8,007 | 367 | 2 | 0 | 61 | 0 | 1 | 9 |
| Baraga | 9,168 | 556 | 2 | 0 | 109 | 0 | 0 | 10 |
| Barry | 20,928 | 1,115 | 6 | 0 | 207 | 0 | 0 | 51 |
| Bay | 69,474 | 2,446 | 2 | 4 | 435 | 78 | 8 | 131 |
| Benzie | 6,587 | 371 | 4 | 0 | 67 | 0 | 0 | 14 |
| Berrien | 81,066 | 4,022 | 14 | 3 | 722 | 39 | 14 | 138 |
| Branch | 23,950 | 1,558 | 4 | 0 | 194 | 0 | 2 | 180 |
| Calhoun | 87,043 | 4,005 | 7 | 1 | 723 | 19 | 18 | 257 |
| Cass | 20,888 | 910 | 4 | 0 | 185 | 0 | 7 | 36 |
| Charlevoix | 11,981 | 762 | 4 | 0 | 142 | 0 | 2 | 27 |
| Cheboygan | 11,502 | 510 | 2 | 0 | 63 | 0 | 1 | 14 |
| Chippewa | 25,047 | 1,122 | 5 | 1 | 201 | 15 | 5 | 121 |
| Clare | 7,032 | 379 | 3 | 0 | 85 | 0 | 1 | 18 |
| Clinton | 24,174 | 839 | 5 | 0 | 150 | 0 | 1 | 20 |
| Crawford | 3,097 | 164 | 1 | 0 | 26 | 0 | 1 | 16 |
| Delta | 32,280 | 1,508 | 3 | 1 | 272 | 35 | 4 | 51 |
| Dickinson | 29,941 | 2,096 | 7 | 0 | 428 | 0 | 9 | 60 |
| Eaton | 31,728 | 1,686 | 9 | 0 | 328 | 0 | 7 | 39 |
| Emmet | 15,109 | 711 | 4 | 0 | 129 | 0 | 1 | 28 |
| Genesee | 211,641 | 11,009 | 16 | 2 | 1,883 | 64 | 26 | 561 |
| Gladwin | 7,424 | 380 | 2 | 0 | 87 | 0 | 0 | 9 |
| Gogebic | 31,577 | 2,334 | 5 | 1 | 498 | 29 | 2 | 85 |
| Grand Traverse | 20,011 | 824 | 2 | 1 | 171 | 25 | 7 | 59 |
| Griott | 30,252 | 1,711 | 7 | 0 | 319 | 0 | 5 | 44 |
| Hillsdale | 27,417 | 1,457 | 10 | 0 | 282 | 0 | 6 | 57 |
| Houghton | 52,851 | 3,170 | 8 | 1 | 633 | 27 | 6 | 77 |
| Huron | 31,132 | 1,341 | 11 | 0 | 292 | 0 | 2 | 36 |
| Ingham | 116,587 | 6,277 | 13 | 1 | 1,301 | 47 | 9 | 194 |
| Ionia | 35,093 | 1,519 | 6 | 1 | 261 | 28 | 3 | 42 |
| Iosco | 7,517 | 458 | 4 | 1 | 92 | 16 | 1 | 17 |
| Iron | 20,805 | 1,428 | 5 | 0 | 315 | 0 | 4 | 64 |
| Isabella | 21,126 | 709 | 4 | 1 | 136 | 20 | 0 | 40 |
| Jackson | 92,304 | 3,877 | 11 | 2 | 710 | 70 | 6 | 172 |
| Kalamazoo | 91,368 | 4,150 | 11 | 3 | 741 | 156 | 7 | 188 |
| Kalkaska | 3,799 | 168 | 1 | 0 | 21 | 0 | 0 | 14 |

* Including Regular Session, Extension, and 1936 Summer Session.

| COUNTIES IN MICHIGAN | POPULATION 1930 CENSUS | PUBLIC HIGH SCHOOL ENROLLMENT, 1935-36 | MICHIGAN HIGH SCHOOLS ACCREDITED BY THE UNIVERSITY | | | | UNIVERSITY OF MICHIGAN FRESHMEN, 1936-37 | UNIVERSITY OF MICHIGAN STUDENTS, 1936-37* |
|-------------------------|---------------------------|---|---|------------|----------------------|------------|---|--|
| | | | Number of Schools 1935-36 | | Graduates 1935-36 | | | |
| | | | Public | Non-Public | Public | Non-Public | | |
| Kent | 240,511 | 9,504 | 18 | 5 | 1,886 | 320 | 21 | 595 |
| Keweenaw | 5,076 | 8 | 0 | 0 | 0 | 0 | 0 | 6 |
| Lake | 4,066 | 177 | 2 | 0 | 27 | 0 | 1 | 38 |
| Lapeer | 28,348 | 1,195 | 6 | 0 | 203 | 0 | 3 | 34 |
| Leelanau | 8,206 | 321 | 3 | 1 | 57 | 10 | 3 | 12 |
| Lenawee | 49,849 | 2,481 | 13 | 4 | 528 | 54 | 14 | 127 |
| Livingston | 19,274 | 1,001 | 5 | 0 | 222 | 0 | 8 | 48 |
| Luce | 6,528 | 262 | 1 | 0 | 50 | 0 | 1 | 16 |
| Mackinac | 8,783 | 283 | 2 | 0 | 36 | 0 | 0 | 19 |
| Macomb | 77,146 | 3,524 | 15 | 1 | 584 | 37 | 11 | 93 |
| Manistee | 17,409 | 931 | 7 | 0 | 197 | 0 | 2 | 40 |
| Marquette | 44,076 | 2,184 | 9 | 2 | 534 | 51 | 2 | 109 |
| Mason | 18,756 | 959 | 3 | 1 | 178 | 17 | 1 | 63 |
| Mecosta | 15,738 | 872 | 5 | 1 | 169 | 12 | 1 | 20 |
| Menominee | 23,652 | 1,182 | 3 | 0 | 201 | 0 | 7 | 37 |
| Midland | 19,150 | 1,095 | 2 | 0 | 191 | 0 | 1 | 25 |
| Missaukee | 6,992 | 317 | 2 | 0 | 64 | 0 | 2 | 10 |
| Monroe | 52,485 | 1,570 | 5 | 1 | 259 | 58 | 12 | 83 |
| Montcalm | 27,471 | 1,499 | 10 | 1 | 300 | 13 | 4 | 34 |
| Montmorency .. | 2,814 | 180 | 1 | 0 | 27 | 0 | 0 | 3 |
| Muskegon | 84,630 | 3,746 | 6 | 3 | 641 | 43 | 10 | 132 |
| Newaygo | 17,029 | 861 | 4 | 0 | 146 | 0 | 4 | 55 |
| Oakland | 211,251 | 10,855 | 22 | 6 | 1,863 | 197 | 75 | 637 |
| Oceana | 13,805 | 606 | 5 | 0 | 158 | 0 | 2 | 24 |
| Ogemaw | 6,595 | 317 | 2 | 0 | 42 | 0 | 3 | 14 |
| Ontonagon | 11,114 | 580 | 6 | 0 | 116 | 0 | 0 | 8 |
| Osceola | 12,806 | 665 | 5 | 0 | 105 | 0 | 0 | 14 |
| Oscoda | 1,728 | 156 | 1 | 0 | 8 | 0 | 0 | 3 |
| Otsego | 5,554 | 229 | 2 | 1 | 42 | 14 | 0 | 13 |
| Ottawa | 54,858 | 2,448 | 6 | 1 | 445 | 55 | 9 | 101 |
| Presque Isle ... | 11,330 | 481 | 2 | 0 | 98 | 0 | 1 | 17 |
| Roscommon | 2,055 | 142 | 2 | 0 | 27 | 0 | 1 | 16 |
| Saginaw | 120,717 | 4,921 | 5 | 5 | 775 | 129 | 17 | 216 |
| St. Clair | 67,563 | 2,683 | 7 | 2 | 502 | 68 | 8 | 116 |
| St. Joseph | 30,618 | 1,621 | 8 | 0 | 333 | 0 | 8 | 66 |
| Sanilac | 27,751 | 1,233 | 7 | 0 | 198 | 0 | 3 | 31 |
| Schoolcraft | 8,451 | 431 | 2 | 0 | 95 | 0 | 1 | 40 |
| Shiawassee | 39,517 | 2,012 | 10 | 1 | 379 | 18 | 8 | 51 |
| Tuscola | 32,934 | 1,657 | 11 | 0 | 383 | 0 | 3 | 45 |
| Van Buren | 32,637 | 2,144 | 11 | 0 | 404 | 0 | 11 | 114 |
| Washtenaw | 65,530 | 2,995 | 7 | 3 | 562 | 118 | 186 | 1,739 |
| Wayne | 1,888,946 | 74,101 | 39 | 42 | 12,095 | 1,690 | 308 | 3,507 |
| Wexford | 16,827 | 936 | 4 | 0 | 161 | 0 | 0 | 35 |
| Total | 4,842,325 | 214,508 | 511 | 107 | 38,168 | 3,606 | 927 | 11,449 |

* Including Regular Session, Extension, and 1936 Summer Session.

TABLE VII
1936-1937 ENROLLMENT BY STATES

| STATES* | REGULAR SESSION | | | | | | | | | | | | Net Total Regular Session | 1936 Summer Session | Extension Service | Net Total Entire University |
|-------------------|-----------------|-------------|----------|-----|----------|-----------|--------------|-----------|--------------|-------------|---------|-------|------------------------------|------------------------|----------------------|--------------------------------|
| | L., S., & A. | Engineering | Medicine | Law | Pharmacy | Dentistry | Architecture | Education | Business Ad. | For. & Con. | Nursing | Music | | | | |
| Alabama | 6 | .. | 1 | .. | .. | .. | 2 | .. | 1 | .. | .. | 3 | 12 | 18 | .. | 30 |
| Arizona | .. | .. | 1 | 2 | .. | .. | 4 | 1 | .. | .. | 1 | 3 | 12 | 6 | .. | 16 |
| Arkansas | 3 | 2 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | 1 | 7 | 7 | .. | 14 |
| California | 7 | 5 | 5 | 8 | .. | .. | 1 | .. | 1 | 1 | 1 | 15 | 44 | 25 | .. | 63 |
| Colorado | 14 | 4 | .. | 3 | 2 | .. | 2 | 2 | .. | .. | 5 | 9 | 40 | 13 | .. | 49 |
| Connecticut | 46 | 20 | 1 | 3 | 3 | 4 | 2 | 1 | .. | 3 | .. | 10 | 93 | 24 | .. | 105 |
| Delaware | 1 | 1 | .. | 1 | .. | .. | 2 | .. | .. | .. | .. | 1 | 6 | 3 | .. | 8 |
| Dist. of Columbia | 14 | 8 | 1 | .. | .. | .. | 1 | .. | 1 | 1 | .. | 6 | 34 | 15 | .. | 44 |
| Florida | 5 | 6 | 1 | 1 | .. | .. | 1 | 1 | .. | .. | .. | 6 | 21 | 28 | .. | 48 |
| Georgia | 4 | .. | .. | 1 | .. | .. | 2 | 1 | 1 | 1 | .. | 4 | 14 | 24 | .. | 34 |
| Idaho | 2 | 1 | 2 | .. | .. | .. | 3 | .. | .. | .. | 2 | 4 | 14 | 8 | .. | 21 |
| Illinois (4) | 278 | 80 | 4 | 46 | .. | 1 | 16 | 48 | 1 | 17 | 1 | 39 | 526 | 229 | 8 | 695 |
| Indiana (6) | 135 | 13 | 5 | 31 | 2 | .. | 11 | 23 | 4 | 5 | 6 | 38 | 281 | 136 | 6 | 379 |
| Iowa | 20 | 7 | .. | 9 | .. | .. | 1 | 9 | .. | .. | 2 | 11 | 58 | 43 | .. | 93 |
| Kansas | 9 | 2 | 2 | 10 | .. | .. | .. | .. | 3 | .. | 2 | 9 | 36 | 59 | .. | 87 |
| Kentucky | 13 | 2 | .. | 7 | .. | .. | 1 | .. | .. | .. | .. | 14 | 37 | 36 | .. | 64 |
| Louisiana | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 1 | 7 | 9 | 19 | .. | 26 |
| Maine | 2 | 3 | .. | 2 | 1 | .. | .. | .. | .. | .. | .. | 5 | 13 | 2 | .. | 13 |
| Maryland | 13 | 6 | 2 | 2 | .. | .. | .. | .. | .. | 1 | .. | 5 | 29 | 20 | .. | 42 |
| Massachusetts (8) | 91 | 17 | 9 | .. | 3 | 2 | 3 | 5 | 3 | 7 | 2 | 23 | 163 | 46 | .. | 186 |

| | | | | | | | | | | | | | | | | | |
|--------------------|--------------|--------------|------------|------------|-----------|------------|------------|------------|------------|------------|------------|------------|--------------|---------------|--------------|--------------|---------------|
| Michigan (1) | 2,700 | 913 | 352 | 294 | 53 | 129 | 173 | 254 | 85 | 57 | 156 | 119 | 1,318 | 6,419 | 2,265 | 3,971 | 11,449 |
| Minnesota | 18 | 4 | 4 | 4 | .. | .. | 2 | 3 | 1 | .. | 1 | 1 | 11 | 47 | 44 | 1 | 85 |
| Mississippi | 1 | 2 | .. | 1 | .. | .. | .. | .. | .. | 2 | .. | .. | 4 | 10 | 13 | .. | 20 |
| Missouri (9) | 37 | 13 | .. | 15 | .. | .. | 3 | 3 | 1 | 4 | 1 | 1 | 13 | 91 | 72 | 1 | 150 |
| Montana | 3 | 1 | 1 | 4 | .. | .. | 2 | .. | .. | 1 | 2 | 5 | 5 | 24 | 15 | .. | 36 |
| Nebraska | 9 | .. | .. | 8 | .. | .. | .. | 8 | .. | 1 | .. | 3 | 8 | 36 | 28 | .. | 58 |
| Nevada | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | 2 |
| New Hampshire | 3 | 3 | .. | 4 | 1 | .. | .. | .. | .. | 1 | .. | .. | .. | 12 | 6 | .. | 17 |
| New Jersey (7) | 146 | 43 | 8 | 5 | 3 | 6 | 3 | 7 | .. | 1 | .. | 2 | 21 | 239 | 44 | .. | 261 |
| New Mexico | 1 | 1 | .. | 2 | .. | .. | 1 | .. | .. | .. | .. | 1 | 2 | 8 | 9 | .. | 16 |
| New York (2) | 657 | 316 | 26 | 25 | 10 | 17 | 27 | 35 | 6 | 8 | .. | 5 | 93 | 1,197 | 225 | 2 | 1,313 |
| North Carolina | 5 | 2 | 1 | 2 | .. | .. | .. | 3 | .. | 1 | .. | 5 | 24 | 43 | 31 | .. | 63 |
| North Dakota | 3 | .. | .. | 5 | .. | .. | 1 | 1 | 3 | .. | 1 | 2 | 2 | 18 | 11 | .. | 24 |
| Ohio (3) | 329 | 94 | 30 | 48 | 1 | 3 | 24 | 48 | 12 | 28 | 14 | 18 | 98 | 735 | 322 | 77 | 1,044 |
| Oklahoma | 15 | 4 | 1 | 4 | .. | .. | .. | .. | .. | 2 | 1 | 5 | 5 | 37 | 37 | .. | 72 |
| Oregon | 1 | 2 | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | 1 | 4 | 10 | 8 | .. | 16 |
| Pennsylvania (5) | 151 | 58 | 9 | 35 | 5 | 2 | 10 | 9 | 5 | .. | 3 | 4 | 40 | 323 | 169 | 1 | 444 |
| Rhode Island | .. | 1 | 1 | 1 | .. | 1 | .. | 1 | .. | .. | .. | .. | 3 | 7 | 2 | .. | 9 |
| South Carolina | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 5 | 5 | 17 | .. | 22 |
| South Dakota | 4 | .. | .. | 2 | .. | .. | .. | .. | .. | 1 | .. | 1 | 4 | 12 | 13 | .. | 21 |
| Tennessee | 11 | 6 | .. | 3 | .. | 1 | 1 | 2 | 1 | 2 | 1 | 2 | 5 | 34 | 36 | .. | 63 |
| Texas | 8 | 6 | .. | 3 | .. | 1 | .. | .. | 1 | .. | .. | 3 | 17 | 38 | 47 | .. | 78 |
| Utah | 2 | .. | .. | 2 | .. | .. | .. | .. | .. | .. | .. | 1 | 5 | 10 | 11 | .. | 18 |
| Vermont | 11 | 2 | .. | 1 | .. | 1 | .. | 1 | .. | .. | .. | 5 | 2 | 22 | 8 | .. | 27 |
| Virginia | 4 | 2 | .. | .. | .. | .. | 1 | 1 | .. | 2 | 1 | 2 | 16 | 29 | 32 | .. | 52 |
| Washington | 5 | 4 | 2 | .. | 1 | 1 | .. | .. | .. | .. | .. | 1 | 6 | 19 | 5 | .. | 23 |
| West Virginia | 12 | 9 | 1 | 1 | 1 | .. | 1 | 1 | 2 | 4 | 1 | 1 | 8 | 42 | 47 | .. | 85 |
| Wisconsin (10) | 24 | 18 | 1 | 5 | .. | .. | 4 | 9 | 1 | 23 | .. | 2 | 9 | 95 | 81 | 2 | 148 |
| Wyoming | 6 | .. | .. | 2 | .. | .. | 1 | .. | .. | .. | 2 | .. | 1 | 11 | 4 | .. | 14 |
| Total, U.S. | 4,829 | 1,681 | 472 | 605 | 86 | 169 | 294 | 486 | 134 | 175 | 195 | 233 | 1,942 | 11,023 | 4,364 | 4,069 | 17,647 |

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

TABLE VIII
1936-1937 ENROLLMENT IN COUNTRIES, PROVINCES, ETC., OUTSIDE CONTINENTAL UNITED STATES

| COUNTRIES, PROVINCES, ETC. | REGULAR SESSION | | | | | | | | | | | | Net Total Regular Session | 1936 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 | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 2 | 1 | .. | 3 |
| Argentina | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | 1 |
| Bolivia | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | 1 |
| Canada: | | | | | | | | | | | | | | | | | |
| Alberta | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 3 | 1 | .. | 4 |
| British Columbia | .. | 1 | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | 5 | 7 | .. | .. | 7 |
| New Brunswick | .. | 1 | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. | 2 | 2 | .. | 2 |
| Newfoundland | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 1 |
| Nova Scotia | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | .. | 1 |
| Ontario | 17 | 18 | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | 7 | 43 | 15 | 11 | 64 |
| Quebec | 2 | 6 | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | 1 | 10 | 7 | .. | 16 |
| Saskatchewan | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 | 3 | 2 | .. | 4 |
| Canal Zone | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | 2 |
| China | 3 | 26 | 4 | .. | .. | .. | 5 | .. | 2 | .. | .. | 1 | 124 | 163 | 101 | .. | 198 |
| Chosen | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 | 2 | 1 | .. | 3 |
| Colombia | .. | .. | .. | .. | .. | .. | 2 | .. | .. | .. | .. | .. | .. | 2 | 2 | .. | 2 |
| Dutch East Indies | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | 1 |

| | | | | | | | | | | | | | | | | | |
|--------------------|-------|-------|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|-------|--------|-------|-------|--------|
| England | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | 1 | .. | .. | 1 |
| Germany | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | 1 |
| Greece | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | .. | 1 |
| Hawaii | 3 | .. | .. | 2 | .. | .. | .. | .. | .. | 1 | .. | .. | .. | 1 | 7 | 6 | 10 |
| India | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 2 | 2 | 2 |
| Iraq | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 | 3 | 3 | 3 |
| Irish Free State | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 |
| Japan | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 4 | 5 | 1 | 6 |
| Mexico | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2 | 1 | 3 |
| Netherlands | .. | 2 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 2 | 2 | 2 |
| Palestine | .. | 2 | .. | .. | .. | .. | .. | .. | 1 | .. | .. | .. | .. | 1 | 4 | .. | 4 |
| Persia | .. | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | .. | 1 |
| Philippine Islands | .. | 1 | .. | 1 | .. | .. | .. | .. | 2 | .. | .. | .. | .. | 6 | 10 | 4 | 12 |
| Siam | .. | 1 | 1 | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | 1 | 4 | 2 | 4 |
| Spain | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | 1 |
| Syria | .. | 3 | .. | 1 | 1 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 5 | .. | 5 |
| Turkey | .. | 3 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 6 | 9 | 2 | 10 |
| Venezuela | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | .. | 1 |
| West Indies | 2 | 4 | 1 | 1 | 2 | 2 | .. | .. | .. | .. | .. | .. | .. | 3 | 15 | 5 | 18 |
| Total | 31 | 77 | 6 | 7 | 3 | 2 | 8 | 3 | 5 | 2 | .. | 1 | 174 | 316 | 164 | 11 | 396 |
| Total, U. S. | 4,829 | 1,681 | 472 | 605 | 86 | 169 | 294 | 486 | 134 | 175 | 195 | 233 | 1,942 | 11,023 | 4,364 | 4,069 | 17,647 |
| Total Students | 4,860 | 1,758 | 478 | 612 | 89 | 171 | 302 | 489 | 139 | 177 | 195 | 234 | 2,116 | 11,339 | 4,528 | 4,080 | 18,043 |

TABLE IX
ENROLLMENT FROM 1843 TO 1937

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

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 |

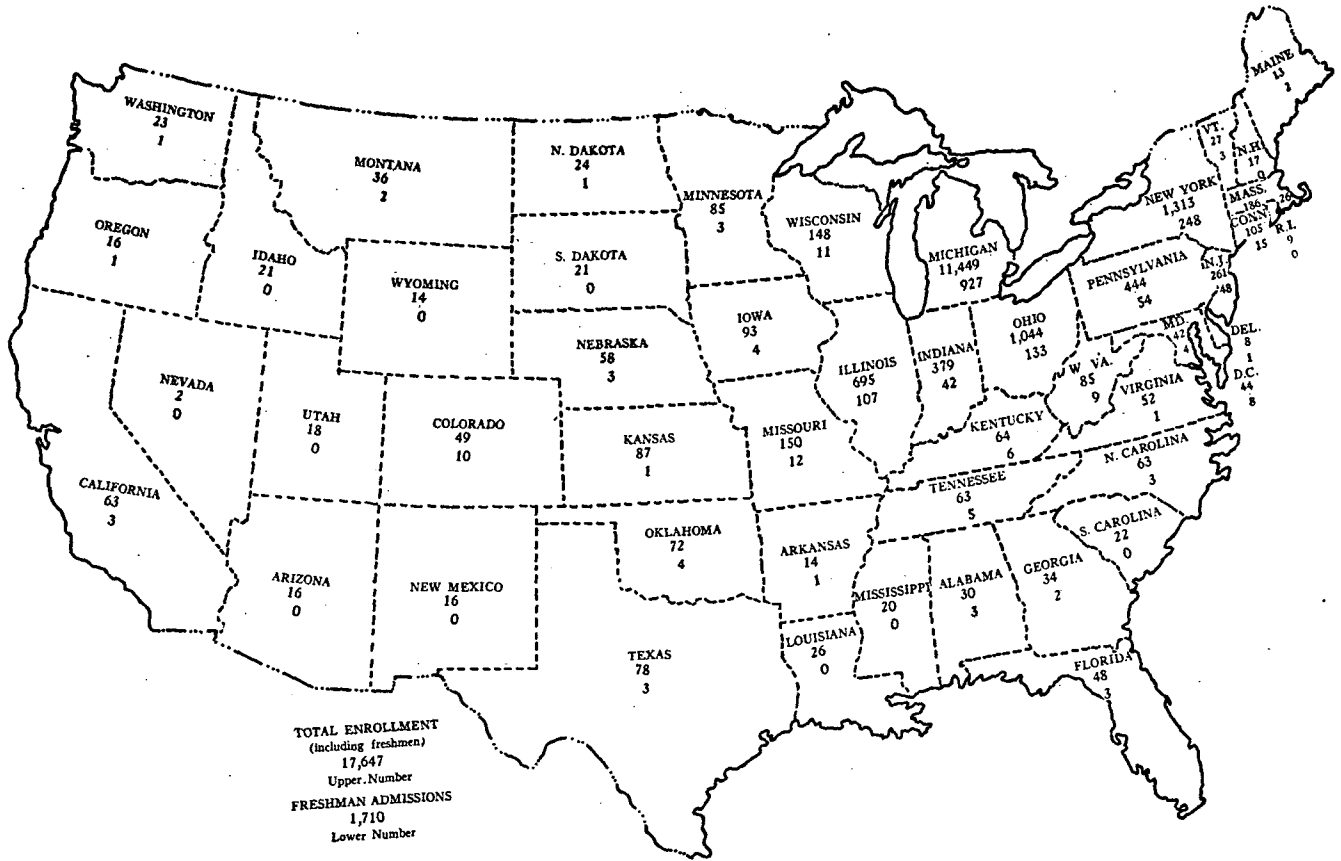


TABLE X
1936-1937 ENROLLMENT
CREDIT AND NONCREDIT COURSES, INSTITUTES AND CONFERENCES

| GROUP | PERIOD OF STUDY | ENROLLMENT | | | GROUP TOTALS | | |
|---|-----------------|------------|-------|-------|--------------|-------|--------|
| | | Men | Women | Total | Men | Women | Total |
| TOTAL CREDIT ENROLLMENT | | | | | 11,349 | 6,694 | 18,043 |
| NONCREDIT COURSES | | | | | | | |
| Extension Service: | | | | | | | |
| Noncredit Class (Regular Session) | Semester | 412 | 585 | 997 | | | |
| Noncredit Class (Summer Session) | Summer | 40 | 58 | 98 | | | |
| Noncredit Correspondence | Varies | 134 | 75 | 209 | | | |
| Net Total | | 583 | 710 | 1,293 | | | |
| Postgraduate Medicine | Varies | 1,420 | 41 | 1,461 | | | |
| Postgraduate Dentistry | Varies | 104 | 3 | 107 | | | |
| Special Students in School of Music | Varies | 100 | 197 | 297 | | | |
| Musical Clinic for High School Boys and Girls | July 5-25 | 50 | 19 | 69 | | | |
| Physics Symposium | Part of summer | 90 | 10 | 100 | | | |
| Student Dietitian Training Class | 12 months | ... | 16 | 16 | | | |
| The Linguistic Institute (Visitors) | Summer | 20 | 6 | 26 | | | |
| Total Noncredit Course Enrollment | | | | | 2,367 | 1,002 | 3,369 |
| Total | | | | | 13,716 | 7,696 | 21,412 |
| Duplicates | | | | | 168 | 88 | 256 |
| Net Total Credit and Noncredit Course Enrollment .. | | | | | 13,548 | 7,608 | 21,156 |
| NONCREDIT INSTITUTES AND CONFERENCES | | | | | | | |
| Conference on Religion | July 12-13-14 | 48 | 12 | 60 | | | |
| Educational Conference | July 13-17 | 272 | 128 | 400 | | | |
| Conference on International Law (sponsored by the Carnegie Foundation) | July 29-31 | 31 | 4 | 35 | | | |

| | | | | | | | |
|--|----------------|-----|-----|-----|--------|-------|--------|
| Ordnance Camp | Aug. 2-15 | 28 | 0 | 28 | | | |
| Institute for C.C.C. Camp Educational Advisers of Michigan | Aug. 3-7 | 78 | 0 | 78 | | | |
| Michigan Coöperative Conference on Youth | Sept. 26 | 127 | 157 | 284 | | | |
| Industrial Conference on Education and Research... | Oct. 9-10 | 72 | 1 | 73 | | | |
| Conferences on Wage Determination (sponsored by Industrial Relations) | Oct. 23-24 | 20 | 0 | 20 | | | |
| | Oct. 30-31 | 27 | 0 | 27 | | | |
| | Nov. 13-14 | 21 | 2 | 23 | | | |
| Parent Education Institute | Nov. 5-6-7 | 45 | 582 | 627 | | | |
| Annual Highway Conference | Feb. 16-17-18 | 560 | 0 | 560 | | | |
| Conference on Improving the Huron Valley | March 5 | 139 | 23 | 162 | | | |
| Institute on Coal Utilization | April 13-14-15 | 367 | 2 | 369 | | | |
| Conference on Teacher Education | April 29 | 49 | 18 | 67 | | | |
| Michigan Conference of Trade Association Executives | May 7 | 41 | 1 | 42 | | | |
| Institute of Adult Education | May 17-21 | 2 | 132 | 134 | | | |
| Land Utilization Conference | May 21-22 | 44 | 0 | 44 | | | |
| Industrial Relations Conference | May 27-28-29 | 92 | 2 | 94 | | | |
| Fireman's Conferences at Kalamazoo and Battle Creek | Part of summer | 109 | 0 | 109 | | | |
| Total Institute and Conference Enrollments | | | | | 2,172 | 1,064 | 3,236 |
| Total | | | | | 15,720 | 8,672 | 24,392 |
| Duplicates | | | | | 275 | 156 | 431 |
| Net Total, Credit and Noncredit Courses, Institutes and Conferences | | | | | 15,445 | 8,516 | 23,961 |

TABLE XI

DEGREES AND CERTIFICATES CONFERRED IN 1936-1937

| | Years of University Study Required | Men | Women | Total |
|---|--|-----|-------|-------|
| College of Literature, Science, and the Arts | | | | |
| Bachelor of Arts | 4 | 499 | 369 | 868 |
| Bachelor of Arts in Library Science | 5 | 9 | 34 | 43 |
| Bachelor of Science | 4 | 50 | 8 | 58 |
| Bachelor of Science in Chemistry | 4 | 14 | 0 | 14 |
| College of Engineering | | | | |
| Bachelor of Science in Engineering— | | | | |
| Aeronautical Engineering | 4 plus 1 S.S. | 41 | 0 | 41 |
| Business Administration | 4 plus 1 S.S. | 5 | 0 | 5 |
| Chemical Engineering | 4 plus 1 S.S. | 42 | 0 | 42 |
| Chemical and Metallurgical Engineering | 4 plus 2 S.S. | 5 | 0 | 5 |
| Civil Engineering | 4 plus 1 S.S. | 36 | 1 | 37 |
| Electrical Engineering | 4 plus 1 S.S. | 36 | 0 | 36 |
| Engineering Mechanics | 4 plus 1 S.S. | 1 | 0 | 1 |
| Geodesy and Surveying | 4 plus 1 S.S. | 1 | 0 | 1 |
| Law | 4 plus 1 S.S. | 5 | 0 | 5 |
| Mathematics | 4 plus 1 S.S. | 12 | 0 | 12 |
| Mechanical Engineering | 4 plus 1 S.S. | 101 | 1 | 102 |
| Mechanical and Industrial Engineering | 5 plus 1 S.S. | 2 | 0 | 2 |
| Metallurgical Engineering | 4 plus 1 S.S. | 9 | 0 | 9 |
| Naval Architecture and Marine Engineering | 4 plus 1 S.S. | 13 | 0 | 13 |
| Physics | 4 plus 1 S.S. | 5 | 0 | 5 |
| Transportation | 4 plus 1 S.S. | 8 | 0 | 8 |
| Medical School | | | | |
| Doctor of Medicine | 8 { or 7 on the com- bined curriculum } | 89 | 6 | 95 |
| Law School | | | | |
| Bachelor of Laws | 7 { or 6 on the com- bined curriculum } | 111 | 1 | 112 |
| Juris Doctor | | | | |
| College of Pharmacy | | | | |
| Bachelor of Science in Pharmacy | 4 | 16 | 5 | 21 |
| School of Dentistry | | | | |
| Doctor of Dental Science | 7 | 1 | 0 | 1 |
| Doctor of Dental Surgery | 6 | 49 | 0 | 49 |
| College of Architecture | | | | |
| Bachelor of Architecture— | | | | |
| Architecture | 5 | 3 | 0 | 3 |
| Architectural Engineering | 5 | 3 | 0 | 3 |
| Bachelor of Science in Architecture— | | | | |
| Architecture | 4 | 17 | 0 | 17 |
| Architectural Engineering | 4 | 8 | 0 | 8 |
| Bachelor of Design | 4 | 1 | 15 | 16 |
| Bachelor of Science in Design | 4 | 1 | 0 | 1 |
| School of Education | | | | |
| Bachelor of Arts in Education | 4 | 13 | 49 | 62 |
| Bachelor of Science in Education | 4 | 16 | 27 | 43 |
| School of Business Administration | | | | |
| Master of Business Administration | 6 { or 5 on the com- bined curriculum } | 46 | 0 | 46 |
| School of Forestry and Conservation | | | | |
| Bachelor of Science in Forestry | 4 plus 1 S.S. | 49 | 0 | 49 |
| Wood Technology | 4 plus 1 S.S. | 4 | 0 | 4 |
| Master of Forestry | 5 plus 1 S.S. | 12 | 0 | 12 |
| Wood Technology | 5 plus 1 S.S. | 1 | 0 | 1 |

TABLE XI (Continued)

| School of Music | Years of University Study Required | Men | Women | Total |
|--|------------------------------------|-----|-------|-------|
| Bachelor of Music— | | | | |
| Music Literature | 4 | 2 | 0 | 2 |
| Piano | 4 | 1 | 3 | 4 |
| Public School Music | 4 | 18 | 5 | 23 |
| Theory | 4 | 2 | 1 | 3 |
| Violin | 4 | 1 | 0 | 1 |
| Voice | 4 | 0 | 2 | 2 |
| Master of Music— | | | | |
| Composition | 5 | 1 | 0 | 1 |
| Musicology | 5 | 0 | 1 | 1 |
| Piano | 5 | 0 | 2 | 2 |
| Public School Music | 5 | 3 | 2 | 5 |
| Theory | 5 | 1 | 1 | 2 |
| Violin | 5 | 1 | 1 | 2 |
| Voice | 5 | 1 | 1 | 2 |
| Rackham School of Graduate Studies | | | | |
| Master of Arts | 5 | 265 | 178 | 443 |
| Master of Arts in Library Science | 6 | 4 | 7 | 11 |
| Master of Arts in Social Work | 5 | 1 | 3 | 4 |
| Master of Design | 5 | 1 | 1 | 2 |
| Master of Landscape Design | 5 | 1 | 1 | 2 |
| Master of Science | 5 | 211 | 24 | 235 |
| Master of Science in Architecture | 5 | 3 | 0 | 3 |
| Master of Science in Chemistry | 5 | 8 | 1 | 9 |
| Master of Science in Engineering | 5 plus 1 S.S. | 30 | 0 | 30 |
| Master of Science in Public Health | 5 plus 3 mos. prac. exp. | 21 | 6 | 27 |
| Civil Engineer | { 4 undergrad. yrs. plus | 1 | 0 | 1 |
| Electrical Engineer | { 5 yrs. professional exp. | 1 | 0 | 1 |
| Mechanical Engineer | { plus 1 graduate year } | 2 | 0 | 2 |
| Doctor of Philosophy | 7 | 74 | 15 | 89 |
| Doctor of Public Health | 7 | 3 | 0 | 3 |
| Doctor of Science | 7 | 15 | 0 | 15 |
| Special Certificates and Diplomas | | | | |
| Certificate in Anesthesia | 1 calendar year | 0 | 6 | 6 |
| Certificate in Dental Hygiene | 1 | 0 | 14 | 14 |
| Certificate in Journalism | 4 granted with degree | 12 | 8 | 20 |
| Certificate for Proficiency in Postgraduate Medicine | Varies | 23 | 0 | 23 |
| Certificate in Public Health Nursing | 1½ | 0 | 18 | 18 |
| Certificate in Social Work | 4 plus 1 yr. prac. exp. | 2 | 8 | 10 |
| Teacher's Certificates— | | | | |
| College of Literature, Science, and the Arts | 4 granted with degree | 17 | 124 | 141 |
| School of Education | 4 granted with degree | 15 | 73 | 88 |
| Horace H. Rackham School of Graduate Studies | 4 granted with degree | 10 | 14 | 24 |
| Registered Nurse's Diplomas | 3 calendar years | 0 | 37 | 37 |
| Commissions | | | | |
| U.S. Marine Corps | 4 plus 1 S.S. | 1 | 0 | 1 |
| Officers Reserve Corps— | | | | |
| Corps of Engineers | 4 plus 1 S.S. | 13 | 0 | 13 |
| Infantry | 4 plus 1 S.S. | 28 | 0 | 28 |
| Ordnance | 4 plus 1 S.S. | 25 | 0 | 25 |
| Signal Corps | 4 plus 1 S.S. | 5 | 0 | 5 |
| Organized Reserve Corps— | | | | |
| Medical Corps | 4 plus 1 S.S. | 14 | 0 | 14 |

Honorary Degrees

Master of Arts:
 Norman Bel Geddes
 Master of Engineering:
 Russell Hudson McCarroll
 Master of Laws:
 Thomas Edmund Dewey
 Herbert Lincoln Harley
 Master of Science:
 Samuel Stewart Bradley
 Ernest Fullerton Cook
 Russell Sturgis Rowland
 Norman Asa Wood
 Doctor of Engineering:
 Henry Earle Riggs
 Robert Lemuel Sackett

Doctor of Laws:
 Moses Gomberg
 Clarence John Hicks
 John Fleming Main
 Karl Young
 Doctor of Humane Letters:
 Robert Ezra Park
 Doctor of Letters:
 Philippe Jules Fernand
 Baldensperger
 Marjorie Hope Nicolson
 Doctor of Science:
 Joseph Erlanger
 Reuben Peterson

SUMMARY OF DEGREES AND CERTIFICATES CONFERRED IN 1936-37

| | Men | Women | Total |
|---|-------|-------|-------|
| Total Degrees in Course | 2,049 | 774 | 2,823 |
| Special Certificates and Diplomas | 107 | 275 | 382 |
| Commissions | 86 | 0 | 86 |
| Honorary Degrees | 18 | 1 | 19 |

NOTE.—2,472 degrees in course, 310 special certificates and diplomas, 70 commissions, and 14 honorary degrees were conferred during 1935-36.

EDITORIAL OFFICE

The publications issued by the Editorial Office during 1936-37 consisted of the 79 numbers of Volume 38 of the "University of Michigan Official Publication" and 173 nonserial publications, 94 of which were School of Music programs.

The following new publications were issued during the year: Trees and Shrubs Hardy in Southern Michigan and Surrounding Territory, Development and Succession of Forest Fungi and Diseases in Forest Plantations, Dentistry as a Life Calling, Health Lecture Subjects, Regulations for the Women's Dormitories, Information Booklet for the Graduate School, Announcement of the Institute of Public and Social Administration, 1936-37, Supervised Correspondence Study Courses, 1936-37, Graduate Curriculum in Social Work, Summer Session, Detroit, 1937, The Electronics Institute, Summer Session, 1937, The Chinese Language Summer School, 1937, and Extension Service Activities.

Two-year bulletins were issued as follows: Bulletin of General Information, 1936-37 and 1937-38, Courses in Hygiene, Public Health, and Preventive Medicine, 1936-37 and 1937-38, Graduate Programs in Public Health, 1936-37 and 1937-38, and School of Forestry and Conservation Announcement, 1936-37 and 1937-38.

In addition to the routine duties of editing and proofreading, the Editorial Office read galley proofs on the "Occasional Papers" and "Miscellaneous Publications" of the Museum of Zoology as well as the "Occasional Contributions" of the Museum of Anthropology. It also partially edited and proofread Volume IV, Parts I and II, of *Ars Islamica*.

In connection with the editing of Bibliography of Publications by Members of the Several Faculties, July 1, 1933-June 30, 1935, the Editorial

Office prepared a style sheet of correct names of 700 societies and 780 publications with uniform abbreviations, based primarily on the societies of which the Faculties are members and the periodical publications to which they contribute as these have been reported on the copy for the Bibliography.

The serial and nonserial publications that have been partially or wholly handled by the Editorial Office during 1936-37 may be classified as follows:

CLASSIFIED LIST OF SERIAL AND NONSERIAL PUBLICATIONS

| | | |
|---|----|-----|
| Bulletins of information on the University | 11 | |
| Bulletins of information on other subjects | 3 | |
| Course and lecture bulletins | | |
| Complete announcements | 11 | |
| Abridged and supplementary announcements | 16 | |
| Extension Service bulletins | 8 | |
| Regular session departmental bulletins | 10 | |
| Summer session departmental bulletins | 17 | 62 |
| Administrative reports and bulletins of record | | 19 |
| Alumni bulletins | | |
| Alumni Relations bulletins | 4 | |
| School of Dentistry alumni bulletins | 3 | 7 |
| Proceedings, journals, etc. | | 5 |
| Preprints and reprints | | |
| President's Report reprints | 21 | |
| Other preprints and reprints | 7 | 28 |
| Programs | | |
| Single School of Music programs—Choral Union Series (10), May Festival Concerts (6), Twilight Organ Recital Series (14), Faculty Concert Series (11), and Student Recital Series (53) | 94 | |
| Other single programs, sponsored mostly by Extension Service | 14 | |
| Combined program books—Radio, School of Music, Carillon, and May Festival Libretto | 4 | 112 |
| Posters | | 5 |
| Total | | 252 |

Respectfully submitted,

IRA M. SMITH, Registrar