

Report of the Registrar of the University

1928—1929

**Reprinted from the Report of the President of the
University of Michigan, 1928-1929**

**The University of Michigan Press
Ann Arbor
1930**

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 1928-1929.

ADMISSIONS

Admission of freshmen from secondary schools.—Since the spring of 1926 one of the principal functions of the Registrar's Office has been the admission of students entering the University directly from the high schools. During the year 1928-1929 this work was carried forward in a manner similar to that in use in 1927-1928, with an added emphasis on careful selection both with regard to the previous preparation of the applicant and his general possibilities for becoming a satisfactory University of Michigan student.

During the year the Registrar issued a total of 1,532 permits to register to students applying for admission to the University without advanced standing. Of this number, 1,382 or 90.2 per cent entered. These figures compare with 1,622 permits for the year 1927-1928 and 1,451 (89.4 per cent) entering. It is felt that the University is still experiencing a decrease in freshman enrollment due to the increase in appeal of the junior college to the student who wishes to have another two years of education at home.

Part I of the application blank is designed to place before the admission officer, in a somewhat condensed form, the applicant's background, his present accomplishments, and his plans for the future. Parts II and III give the personal qualifications and the scholastic attainments from the point of view of the principal of the high school. This furnishes considerable information from which to forecast probable success or failure. In all cases where the facts presented seem to offer questionable assurance concerning the success of the applicant, letters were written either to the principal or the applicant to discover whether the doubtful elements would still be existent provided the applicant should be allowed to enter. On satisfactory evidence showing changed conditions the applicant was allowed to enter. If the replies showed insufficient previous preparation, the applicant was advised to do additional work before admission could be granted. It is significant that both the percentage of withdrawals for "poor scholarship" and also for "other reasons" has decreased in 1928-1929 as compared with 1927-1928. We hope that this decrease may be even more pronounced in the next year. The principals of the high schools have given splendid co-operation, and we are hoping that the University of Michigan may establish a closer contact with them which will prove beneficial to the student, the high school, and the University.

With the hope that this bond might be cemented more firmly, the principals from the Michigan high schools were again invited to come to the University to interview former students who were enrolled as freshmen, to learn first-hand of the problems involved in transferring from high school to the University. About fifty principals and teachers visited the University on December 6, 1928, and were guests of the University at luncheon at the Michigan Union. The principals were supplied with Freshman Week examination scores for each of their students, and the students were asked to fill out an interview memorandum. This memorandum dealt with Freshman Week activities, working conditions at the University, previous instruction value, present instruction, outside activities, and plans for the future. This formed the basis for an interview which enabled the student to discuss freely his own problems; the principal to detect faults in his own educative method and to become familiar with the conditions and problems of the University in educative procedure; and the University to become better acquainted with preparatory school problems and practices. It is hoped that this plan when perfected will provide the high school principal with a method for acquiring first-hand information regarding the problems of university students and for understanding how to advise prospective university students while they are completing their preparatory courses in the high school. It is felt that the University profits by these interviews, in suggestions which may help to make the transition from the high school more pleasant and more successful for future students. The contact at this time furnishes a basis for an understanding which leads the principals to supply all pertinent information in cases of admission and enables the Registrar to carry on a frank and free correspondence with the principals resulting in more equitable adjustment of cases.

Co-operation with secondary schools.—The University of Michigan early adjusted her admission requirements to the capacities and interests of the high schools. With a liberalization of admission requirements and the admission of students on diploma, the University passed to the high schools the responsibility of preparing students for college. The University thus aided in invigorating our system of public education; for, in stimulating the high schools, it indirectly stimulated all the lower grades of the schools. The University of Michigan has constantly tried to avoid making a gap between high school work and college work. This requires close co-operation with the high schools of the State in order that changes when made will not tend to increase the requirements for admission more rapidly than the schools can alter the range of their instruction.

The Registrar has kept the principals promptly informed of the records of freshmen. At the close of the first semester, grades of all freshmen were mailed to the high school principals. Several general letters of information were mailed to the principals during the year informing them of changes in requirements and regulations.

Personal visits by the Registrar to the schools, addresses to high school assemblies, attendance at meetings of the high school officials, and other

means of keeping in touch with the principals were continued during the year. The meetings attended and some of the schools visited by the Registrar during 1928-1929 are as follows: Iron Mountain, to attend the annual meeting of the Seventh District of the Michigan Education Association, October 4-6, 1928; Norway, Crystal Falls, Iron River, Alpha, Stephenson, and Daggett, to inspect the high schools, October 6-11, 1928; Grosse Pointe, to address the Southeastern Michigan High School Principals' Roundtable, October 12, 1928; Detroit, to attend the Ninth District meeting of the Michigan Education Association and address the high school section of that Association, October 18, 1928; Royal Oak, to address the high school assembly, October 24, 1928; Jackson, for conference with high school inspectors from the University and the State Department of Public Instruction, November 21, 1928; Detroit, to address a conference of private and parochial schools, December 4, 1928; Detroit, to address a meeting of the Parent-Teacher Association at Northwestern High School, December 6, 1928; Lansing, to attend the annual meeting of the High School Principals' Division of the Michigan Education Association, December 13-14, 1928; Bay City, to address the Bay City Junior College assembly, January 9, 1929; Marshall, to address the high school assembly and confer with seniors concerning college entrance, January 22, 1929; Detroit, with Professor Gram, to confer with high school principals concerning college entrance requirements, January 24, 1929; Chicago, to attend a conference of a committee of the North Central Association concerning report of freshman grades to high school principals, January 25, 1929; Lansing, to attend a meeting of the high school inspectors of the University and the State Department of Public Instruction, February 19, 1929; Royal Oak, to attend a meeting of the Southeastern Michigan High School Principals' Roundtable, March 8, 1929; Cleveland, Ohio, and New York City, to attend annual meeting of the National Education Association, Department of Superintendence, and a meeting of the College Entrance Board Committee on Examinations in English for Foreign Students, February 25 to March 1, 1929; Chicago, to attend the annual meeting of the North Central Association as a member of the Commission on Secondary Schools, March 13-16, 1929; Lansing, to attend a meeting of the Michigan Education Association, March 28-30, 1929; Detroit, to inspect St. Bernard and St. Joseph High Schools, April 10, 1929; Seattle, Washington, to attend the seventeenth annual meeting of the American Association of Collegiate Registrars, April 15-19, 1929; Port Huron, to address a meeting of the Michigan Association of Junior Colleges, May 17, 1929; Grand Rapids (Creston High School), Bear Lake, Copemish, Buckley, and Beulah, with the Director of High School Inspection, to confer with principals and school board members concerning the accrediting of high schools, May 22-23, 1929; Rochester, to address the high school assembly, June 4, 1929; Big Rapids, to deliver the commencement address at Ferris Institute, June 28, 1929.

Co-operation with the Freshman Week Committee.—The Freshman Week plan which was put into operation for the first time in 1927 was

continued for the year 1928-1929. Professor William A. Frayer was again chairman and under his guidance the week proved to be even more of a success than it had previously been. The details of Freshman Week were arranged in the Office of the Registrar. The plan provided that fifteen men be assigned to each men's group and twenty women to each women's group. There were fifteen Engineering groups; thirteen groups for the Colleges of Literature, Science, and the Arts; ten Pre-Business groups; thirteen Pre-Law groups; twelve Pre-Medical and Pre-Dental groups; six Pre-Science groups; two Physical Education groups; two Pharmacy groups; four Architecture groups. There were twenty-one groups for the women: one group composed entirely of Oral Hygienists, and two groups for Physical Education students; while in the remaining groups students were assigned according to the Adviser who seemed best able to advise them along the lines of their major interests.

For the first time group appointments for medical examination, registration, classification, library trips, and attendance at the lawn party were made. This meant that the Adviser was responsible for seeing that his entire group was presented at the time indicated in the program for the various events. This simplified a great deal the making of appointments for registration and classification. Since it meant that any one of a group might be taken first, the failure of any one individual to arrive exactly at the time specified did not delay the whole schedule of those in charge of medical examinations, registration, etc. Consequently the whole freshman procedure moved more smoothly than had been the case in preceding years.

Early in the summer, plans were made for the entire week and as soon as the schedule and all other arrangements had been made, the program was printed. This included introductory statements concerning when to come to Ann Arbor, how to obtain assistance and advice, how to secure rooms, fraternity rushing, Freshman Week examinations, and other information of interest to freshmen. It also contained a complete schedule of events for all groups, directions for registration, and a map of the campus. These programs were mailed to each freshman, together with his permit to register and a small group schedule card showing his Adviser's name, his Adviser's room number on the campus, and a complete schedule for his own group events similar to that appearing in the Freshman Week program under the complete listing of all group schedules.

The entering freshmen were required to have their medical examinations under the direction of the Health Service at the University of Michigan. Certificates from doctors at home were not accepted. The medical blanks were given to the student by the Adviser in advance of his appointment and all parts to be filled in by the student were completed before he appeared for his examination.

The Advisers were given complete printed instructions concerning registration and other details about the program for the week. They were also furnished with the application blanks for their students sufficiently far in advance of the arrival of the students to enable them to go over the blanks thoroughly and become acquainted with each of the students before Fresh-

man Week. The blank gives a cross section of the student's life showing a bit of his background, his present accomplishments, and his plans for the future. The Adviser is thus able to familiarize himself with the individual needs and problems of each student and is ready to guide him wisely in his plans for work at the University of Michigan. The Adviser is the main factor in the successful orientation of the entering freshmen to their new surroundings, and the Registrar feels that a word of praise for the splendid co-operation of the Advisers would not be out of place at this point. With very few exceptions the Advisers were on hand throughout the entire Freshman Week and seemed to feel a genuine interest in the project. Some of the Advisers kept their groups together for the entire year and reported that the experiences gained by the contact were both a pleasure and a benefit.

The Freshman Week schedule included a General Assembly addressed by the President and the Dean of Students, inspection trips, general mixers both for men and for women, talks on "How to Study," organized play activities, a lawn party at the home of Dean and Mrs. Joseph A. Bursley, a "freshman sing," a University motion picture, and pre-professional conferences with University faculty from the various fields of specialization. It concluded with church services in the various Ann Arbor churches and a complimentary organ recital offered by the faculty of the School of Music in Hill Auditorium.

The Registrar's Office received very few "distress signals" during the week and talks with the various Advisers would seem to indicate that the mechanics of the week worked out very well. This is due in a large part to the arrangement for handling an entire group within an appointment period. If more Advisers were available it might be desirable to reduce the size of the groups, thus making possible more individual contact, but the present scheme of things seems to be working out quite satisfactorily, and we are hoping to smooth off the rough edges of the present arrangement and continue more or less the same system for another year.

General Correspondence.—Requests for information ranging from "How do I arrange to take a course in embalming?" to requests for advice about "sources of information concerning celestial bodies" are received by the Registrar. The general questions are answered in the Registrar's Office and requests for technical information are forwarded to an authority on the subject in question. In addition to these requests for information, there are of course thousands of letters during the year asking for catalogues, application blanks, and other information directly concerned with prospective admission. In every case an attempt is made to furnish all the information by a personal reply designed to indicate a desire to render any service the applicant may feel is needful in helping him to formulate his plans for a higher education. This is made possible by the use of the Dictaphone Station, and the excellent service furnished by this department has enabled the Registrar to answer these letters without delay. The duplex envelope, carrying the personal letter, bulletin, and application blank, has been con-

tinued in use, since it offers an excellent means of having the admission material and the explanation of its use reach the applicant at the same time.

Co-operation with the Michigan Schoolmasters' Club.—It was again the privilege of the Registrar's Office to co-operate with the Michigan Schoolmasters' Club in organizing and planning for the Annual Meeting of the Club which was held in Ann Arbor, April 25, 26, and 27, 1929. This office also worked with the following other organizations meeting concurrently: Michigan Association of Collegiate Registrars, Michigan High School Debating League, Michigan Historical Association, State Association of Elementary School Principals, and State Federation of Teachers' Clubs.

The Registrar's Office again arranged for high school principals and teachers to visit University classes, especially in first-year subjects. This was for the purpose of better acquainting the high school teachers with the freshman courses at the University. A special high school student conference was held in connection with the Twelfth Annual Conference of the Michigan High School Debating League. A representative of the University spoke on "Choosing a College."

With the effective co-operation of the Editorial Department of the Registrar's Office, the Journal of the Michigan Schoolmasters' Club was issued in January 1929 instead of in March as in the previous year.

Co-operation with the Committee on Honors Convocation.—The program for the Fifth Annual Honors Convocation was prepared for the printer by the Registrar's Office. The recorders of the various Schools and Colleges and the presidents of the various honor societies sent in lists of honor students to the Registrar's Office, and the recorder of the Graduate School furnished a list of graduate fellows. Wherever the name of a student appears in more than one place on the program it is essential that all of the honorary memberships be indicated. This means a careful checking of the lists before they are sent to the printer. In accordance with the policy followed in previous years, copies of the Honors Convocation Program were sent to the high schools. These programs were mailed with a letter explaining the qualifications necessary for participation in and the reasons for the Convocation.

Invitations were also mailed from the Registrar's Office to the students whose names appeared on the list.

Executive Committee of the University College.—At the meeting of the Board of Regents, held in June, 1928, the following were appointed as members of the Executive Committee of the University College: Professors P. E. Bursley, E. C. Case, A. L. Cross, W. A. Frayer, L. M. Gram (Chairman), W. C. Hoad, L. A. Strauss, J. G. Winter, C. S. Yoakum, and Registrar I. M. Smith.

This committee met regularly on Wednesday of each week, for fifteen weeks, in the office of the Chairman. The Registrar was made Secretary of the Committee. The work was carried on through the following sub-

committees: 1) Entrance Requirements, 2) Curricula, 3) Faculty, and 4) Weekly Class Program.

The Executive Committee had not yet reached the point of making a final report when President Little resigned and requested the suspension of all operations of the plans for the University College until the views of his successor were made known.

At a meeting of the Executive Committee of the Board of Regents, held January 21, 1929, the Committee ruled that, "whereas no plans already made are to be put in operation until the time named (September 1930), nevertheless this action is not to be construed as putting an end to the planning now being done by the Executive Committee of the University College already appointed, of which Professor L. M. Gram is Chairman. It is expected that this Committee will continue its present function of making a detailed report of a plan for the University College for such use as may later be made of it."

Vouchers Audited.—The action of the Regents on May 20, 1927, authorized the Registrar either personally or by duly authorized deputy formally to endorse for the Regents currently each month the vouchers under which the University funds are expended. The vouchers are assembled in the Treasurer's Office and all necessary signatures, including those of the President and the Secretary of the University, have been attached thereto before they are turned over to the Registrar's Office. Each voucher is endorsed with the initials of the authorized agent, indicating that the voucher has been audited. This involves a great amount of routine work, and were an improvement on this method possible it would be most welcome.

STATISTICS

The usual statistical tables showing the number and distribution of faculty members, the enrollment and distribution of students, and the degrees and certificates conferred during 1928-1929 have been prepared by this office and are presented as follows:

FACULTY STATISTICS

TABLE I. UNIVERSITY STAFF BY RANKS

1. OFFICERS AND FACULTY EMERITUS

President Emeritus	1
Dean Emeritus of Women	1
Dean Emeritus of the Colleges of Engineering and Architecture.....	1
Professors Emeritus:	
College of Literature, Science, and the Arts	5
College of Engineering	3
Medical School	4
Law School	2
College of Pharmacy	1
Library	2
Music	1
School of Dentistry	2
	—
Total	23

2. GENERAL ADMINISTRATIVE OFFICERS

President	1
Dean of Administration	1
Assistant to the President	1
Deans and Directors of Schools, Colleges, and Divisions	13
Deans of Men, Advisers to Women, and Dean of Student Activities.....	6
Registrar	1
Recorders	10
Financial Officers:	
Secretary and Business Manager	1
Assistant Secretaries	2
Treasurer	1
Other financial officers	5
University Hospital Director	1
Assistant Directors	2
Librarians	4
Directors of Athletics and Gymnasiums	4
Health Service Physician	1
Superintendents of Buildings and Grounds, Officers in charge of Dormitories, etc.	8
Editor, Museum Officers, Employment Officers	4
	—
Total	66

3. TEACHING FACULTY†	Men	Women	Total
Professors	184	2	186
Associate Professors	90	2	92
Assistant Professors	164	7	171
Instructors	287	37	324
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Total	725	48	773

Note.—The figures given above include the following faculty members already listed as administrative officers under 2 in the ranks indicated:

Professors:

Deans of Schools and Colleges	10
Dean of Administration	1
Dean of Students	1
Assistant Deans—Literature, Science, and the Arts, and Engineering and Architecture	2
Directors of Simpson Memorial Institute, Hygiene and Public Health, Intercollegiate Athletics, University Health Service, Women's Physical Education, Bureau of Student Personnel Research, and Inspection of High Schools	7
Research Fellow in Student Personnel	1

Associate Professors:

Assistant Dean of Students	1
University Extension Health Lecturer	1

Assistant Professors:

Director of Chemistry Store, Health Service Physician, Manager of High School Debating League, Assistant Director of Intramural Sports, and Sanitarian at Health Service	4
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Instructor:

Assistant to Dean of Medical School	1
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Total	29
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Distribution of Teaching Faculty by Schools and Colleges

	L., S., and A.	Eng. and Arch.	Med.	Law	Pharm.	Dent.	Ed.	Bus. Ad.	For. and Cons.	Hyg., P. H., and Phys. Ed.	Mil. Sci.	Nurs.	Museums	Total for Academic year*	1928 Summer Session Faculty**
Professors	73	44	22	17	0	8	11	3	3	5	1	0	0	187	108
Associate Professors	38	25	8	0	2	1	8	4	5	3	0	0	0	94	57
Assistant Professors	73	49	19	1	1	4	6	5	4	3	4	0	2	171	81
Instructors	140	47	63	0	1	21	7	6	7	13	0	18	1	324	95
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Total	324	165	112	18	4	34	32	18	19	24	5	18	3	776	341

†The count of members on the University Staff has been made upon the basis of the budget as originally adopted.

*This includes duplicates as follows:

1 Professor: L., S., and A.—Bus. Ad.

2 Associate Professors: L., S., and A.—Ed.; Ed.—Hyg., P. H., and Phys. Ed.

**Members of the Summer Session Faculty not here during the regular year are as follows: Professors, 29; Associate Professors, 5; Assistant Professors, 10; Instructors, 1; Total, 45. These are included in the above total.

STUDENT STATISTICS

TABLE II. ENROLLMENT OF STUDENTS BY SCHOOLS AND COLLEGES
REGULAR SESSION RESIDENT STUDENTS

	1927-1928			1928-1929		
	Men	Women	Total	Men	Women	Total
<i>College of Literature, Science, and the Arts</i>						
Resident Students	3,478	1,702	5,180	3,150	1,623	4,773
<i>Colleges of Engineering and Architecture</i>						
Resident Students—Engineering	1,269	0	1,269	1,304	3	1,307
Resident Students—Architecture	322	40	362	293	52	345
<i>Medical School</i>						
Resident Students	630	42	672	635	44	679
<i>Law School</i>						
Resident Students	550	19	569	545	18	563
<i>College of Pharmacy</i>						
Resident Students	89	9	98	88	7	95
<i>School of Dentistry</i>						
Resident Dental Students	343	7	350	330	4	334
Resident Oral Hygienists	0	24	24	0	25	25
<i>School of Education</i>						
Resident Students	143	401	544	151	325	476
<i>School of Business Administration</i>						
Resident Students	89	7	96	86	2	88
<i>School of Forestry and Conservation</i>						
Resident Students	25	0	25	32	0	32
<i>University Hospital School of Nursing</i>						
Resident Students	0	251	251	0	253	253
<i>Graduate School</i>						
Resident Students	695	370	1,065	758	333	1,091
Grand Total, Resident Students,						
Regular Session	7,633	2,872	10,505	7,372	2,689	10,061
Twice Counted	257	36	293	230	24	254
Net Total, Regular Session.....	7,376	2,836	10,212	7,142	2,665	9,807

SUMMER SESSION STUDENTS

	1927			1928		
	Men	Women	Total	Men	Women	Total
College of Literature, Science, and the Arts	687	503	1,190	526	418	944
Colleges of Engineering and Architecture:						
College of Engineering	285	1	285	263	0	263
College of Architecture	53	5	58	44	3	47
Medical School	245	27	272	267	33	300
Law School	150	5	155	156	4	160
College of Pharmacy	27	7	34	32	3	35
School of Education	197	428	625	166	360	526
School of Business Administration.....	20	2	22	17	2	19
Graduate School	590	441	1,031	704	495	1,199
Grand Total	2,253	1,419	3,672	2,175	1,318	3,493
Twice Counted	6	0	6	8	0	8
Net Total	2,247	1,419	3,666	2,167	1,318	3,485

EXTENSION STUDENTS

	1927-1928			1928-1929		
	Men	Women	Total	Men	Women	Total
Extension (L., S., & A.)	339	621	960	387	729	1,116
Extension (Eng.)	55	0	55	208	2	210
Extension (Ed.)	74	203	277	173	357	530
Extension (Bus. Ad.)	0	0	0	74	9	83
Net Total	468	824	1,292	842	1,097	1,939

Note.—The decrease in the number of Regular Session and Summer Session students may be attributed in part to the increase in the number of junior colleges throughout the country. The fact that many of the students who would attend a state university are more or less limited financially accounts, I believe, to some extent for the decrease in enrollment with the advent of good schools nearer home.

TABLE III. ENROLLMENT BY COLLEGES OF RESIDENT REGULAR SESSION STUDENTS AND SUMMER SESSION STUDENTS
(i.e., Total Enrollment, less Extension Service Students)

School or College	1927-1928			1928-1929		
	Men	Women	Net* Total	Men	Women	Net* Total
College of Literature, Science, and the Arts	3,777	2,027	5,804	3,369	1,868	5,237
Colleges of Engineering and Architecture:						
Engineering	1,343	1	1,344	1,387	3	1,390
Architecture	339	40	379	307	53	360
Medical School	757	59	816	781	56	837
Law School	621	20	641	622	19	641
College of Pharmacy	109	14	123	108	9	117
School of Dentistry	343	7	350	330	4	334
Oral Hygienists	0	24	24	0	25	25
School of Education	320	753	1,073	295	623	918
School of Business Administration	99	7	106	93	4	97
School of Forestry and Conservation	25	0	25	32	0	32
University Hospital School of Nursing	0	251	251	0	253	253
Graduate School	1,129	731	1,860	1,299	750	2,049
Gross Total	8,862	3,934	12,796	8,623	3,667	12,290
Duplicates between Schools and Colleges	380	60	440	328	35	363
Net Total, Resident Regular Session and Summer Session	8,482	3,874	12,356	8,295	3,632	11,927

Note.—This is the first time that a table of this nature has been published. Many requests for the combined enrollment of regular session resident students and Summer Session students without including those taking Extension courses made it seem advisable to publish this information. A graphic interpretation of these enrollment figures may be found on page 13.

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

GRAPHIC INTERPRETATION OF THE ENROLLMENT OF RESIDENT
REGULAR SESSION AND SUMMER SESSION STUDENTS BY SCHOOLS
AND COLLEGES ACCORDING TO THE PERCENTAGE EACH SCHOOL
OR COLLEGE ENROLLMENT IS OF THE TOTAL ENROLLMENT

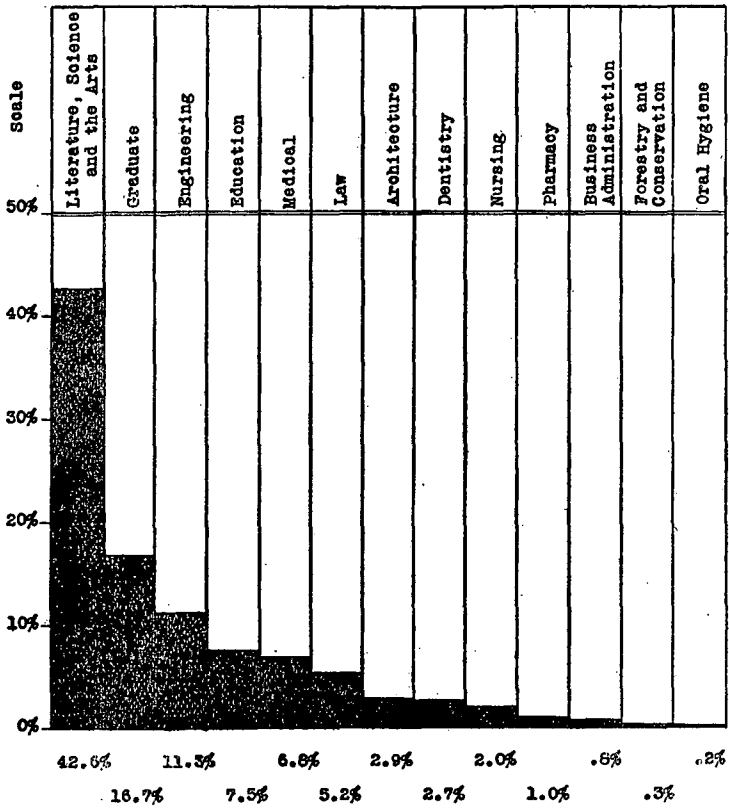


TABLE IV. ENROLLMENT BY COLLEGES OF ALL STUDENTS—RESIDENT AND NON-RESIDENT REGULAR SESSION STUDENTS AND SUMMER SESSION STUDENTS

School or College	1927-1928			1928-1929		
	Men	Women	Net*	Men	Women	Net*
College of Literature, Science, and the Arts	4,113	2,639	6,752	3,753	2,588	6,341
Colleges of Engineering and Architecture:						
Engineering	1,398	1	1,399	1,595	5	1,600
Architecture	339	40	379	307	53	360
Medical School	757	59	816	781	56	837
Law School	621	20	641	622	19	641
College of Pharmacy	109	14	123	108	9	117
School of Dentistry	343	7	350	330	4	334
Oral Hygienists	0	24	24	0	25	25
School of Education	390	952	1,342	465	976	1,441
School of Business Administration....	99	7	106	167	13	180
School of Forestry and Conservation....	25	0	25	32	0	32
University Hospital School of Nursing.	0	251	251	0	253	253
Graduate School	1,129	731	1,860	1,299	750	2,049
Gross Total	9,323	4,745	14,068	9,459	4,751	14,210
Duplicates between Schools and Colleges.	385	90	475	357	84	441
Net Total, All Students	8,938	4,655	13,593	9,102	4,667	13,769

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

TABLE V. MICHIGAN STUDENTS BY COUNTIES

Counties in Michigan	University Accredited Schools 1928-1929		Public High Enrollment 1927-1928	High School Graduates Estimated 1927-1928	Population in Thousands, 1920 Census	University of Michigan Students 1928-1929
	Private and Parochial	Public				
Alcona	0	1	115	12	6	0
Alger	0	4	343	34	10	6
Allegan	0	8	1,269	127	38	37
Alpena	1	1	436	44	18	19
Antrim	0	5	496	50	12	8
Arenac	0	2	288	29	9	7
Baraga	0	2	312	31	8	3
Barry	0	5	813	81	21	26
Bay	3	2	1,706	171	70	97
Benzie	0	3	318	32	7	16
Berrien	2	13	2,843	284	63	108
Branch	0	4	914	91	24	41
Calhoun	1	7	2,830	283	73	209
Cass	0	3	727	73	20	21
Charlevoix	0	4	613	61	16	19
Cheboygan	0	2	446	45	14	10
Chippewa	1	4	941	94	25	39
Clare	0	2	277	28	8	4
Clinton	0	6	782	78	23	33
Crawford	0	1	129	13	4	1
Delta	1	4	1,134	113	31	28
Dickinson	0	7	1,345	135	19	32
Eaton	0	6	1,375	138	29	29
Emmet	0	4	689	69	16	25
Genesee	2	12	6,421	642	126	318
Gladwin	0	2	243	24	9	4
Gogebic	1	4	1,556	156	33	43
Grand Traverse	0	2	728	73	20	22
Gratiot	0	5	1,280	128	34	32
Hillsdale	0	13	1,336	134	28	42
Houghton	2	7	2,592	259	72	75
Huron	0	10	1,094	109	73	29
Ingham	1	12	3,861	386	82	170
Ionia	1	6	1,251	125	33	33
Iosco	1	4	334	33	8	9
Iron	0	5	1,143	114	22	17
Isabella	1	4	608	61	23	23
Jackson	3	10	2,855	286	73	208
Kalamazoo	3	7	2,971	297	71	120
Kalkaska	0	2	115	12	6	0
Kent	7	18	6,742	674	183	533
Keweenaw	0	0	6	1	6	1
Lake	0	1	94	9	4	1
Lapeer	0	6	892	89	26	38
Leelanau	0	2	243	24	9	2

TABLE V. MICHIGAN STUDENTS BY COUNTIES (continued)

Counties in Michigan	University Accredited Schools 1928-1929		Public High School Enrollment 1927-1928	High School Graduates Estimated 1927-1928	Population in Thousands, 1920 Census	University of Michigan Students 1928-1929
	Private and Parochial	Public				
Lenawee	2	12	2,186	219	48	97
Livingston	0	5	777	78	18	60
Luce	0	1	210	21	6	11
Mackinac	1	1	137	14	8	4
Macomb	2	13	1,979	198	38	108
Manistee	0	6	785	79	21	31
Marquette	1	9	1,944	194	46	83
Mason	1	3	817	82	20	25
Mecosta	1	3	625	63	18	12
Menominee	0	3	888	89	24	20
Midland	0	2	537	54	17	22
Missaukee	0	1	234	23	9	7
Monroe	1	5	900	90	37	90
Montcalm	0	9	1,254	125	30	17
Montmorency	0	1	135	14	4	2
Muskegon	2	6	2,250	225	62	107
Newaygo	0	4	649	65	17	14
Oakland	4	21	5,591	559	90	330
Oceana	0	5	559	56	16	14
Ogemaw	0	1	172	17	8	3
Ontonagon	0	5	449	45	18	10
Osceola	0	6	618	62	15	17
Oscoda	0	1	77	8	0	0
Otsego	0	1	150	15	6	5
Ottawa	2	6	1,956	196	48	103
Presque Isle	0	2	300	30	12	11
Roscommon	0	0	74	7	2	1
Saginaw	5	5	3,205	321	100	177
St. Clair	2	6	1,802	180	58	82
St. Joseph	0	8	1,340	134	27	35
Sanilac	0	8	1,149	115	31	20
Schoolcraft	0	1	319	32	10	10
Shiawassee	0	10	1,606	161	36	52
Tuscola	0	11	1,393	139	33	33
Van Buren	0	11	1,531	153	31	54
Washtenaw	3	8	2,595	260	50	1,455
Wayne	38	33	42,069	4,207	1,178	3,298
Wexford	0	4	768	77	18	26
Total	96	469	141,536	14,159	3,715	8,984

Note.—Table V is an attempt to link up the high school enrollment in the State with the enrollment in the University of Michigan. Part of this information was furnished by the State Department of Public Instruction and part was obtained from the report of the High School Inspector for the University and from the count of students by counties in Michigan as made in the statistical division of the Registrar's Office. A map of Michigan showing the total students enrolled from each Michigan county and also the freshmen from each county will be found on page 154.

TABLE VI. COUNT OF STUDENTS BY STATES AND COUNTRIES

	Lit., Sci., and Arts											Grand Total	Duplicates	Net Total		
		Engineering	Architecture	Medicine	Law	Pharmacy	Dentistry	Education	Bus. Ad.	For. and Cons.	Nursing				Graduate	Summer Session
1. Michigan	2,884	743	204	439	268	54	312	347	58	20	183	648	1,997	8,157	1,011	7,146
* (Extramural)	1,116	210	—	—	—	—	—	530	83	—	—	—	—	1,939	97†	1,842†
2. Ohio	405	91	24	70	83	10	9	30	7	4	26	58	334	1,151	123	1,028
3. New York	347	161	18	29	13	9	14	16	2	—	2	58	117	758	71	687
4. Illinois	266	52	21	10	29	6	—	11	5	—	5	25	137	567	63	504
5. Indiana	168	18	15	13	21	1	2	16	3	—	16	24	119	416	48	368
6. Penn.	140	42	4	23	24	3	4	18	4	1	3	24	120	409	41	368
7. N. J.	51	14	—	19	4	5	6	—	—	—	—	10	30	139	20	119
8. Kentucky	28	3	3	3	7	—	—	—	—	—	—	9	49	108	8	100
9. Missouri	30	9	5	3	15	—	—	4	1	—	—	16	35	118	22	96
10. Wisconsin	28	14	11	4	4	—	—	—	1	1	2	7	28	100	11	89
11. Iowa	31	9	2	2	9	—	—	3	—	—	3	10	30	99	10	89
12. China	4	12	3	2	2	2	1	—	1	1	—	44	24	96	13	83
13. Mass.	41	6	4	3	1	—	—	3	—	—	—	10	18	86	8	78
14. Ontario	30	11	6	3	2	—	3	3	1	1	1	9	18	88	12	76
15. Minnesota	21	5	1	2	5	1	—	2	—	—	—	11	30	79	13	66
16. Kansas	13	4	—	1	10	—	1	3	—	—	—	7	34	73	10	63
17. Calif.	19	5	1	5	10	—	—	2	1	1	—	9	13	66	11	55
18. Texas	13	4	—	2	3	—	—	1	—	—	—	9	24	56	2	54
19. W. Va.	17	2	1	—	2	—	—	—	—	1	—	4	30	57	4	53
20. Nebraska	5	—	1	1	6	—	—	—	—	—	1	7	30	51	5	46
21. Conn.	19	7	1	1	2	—	—	5	1	—	—	6	8	50	6	44
22. Okla.	12	2	—	1	4	—	1	1	—	—	1	5	20	47	5	42
23. Colorado	8	6	—	4	1	—	—	2	—	—	2	7	11	41	5	36
24. Florida	14	6	—	3	1	—	—	—	—	—	1	—	11	36	5	31
25. Alabama	9	3	—	2	—	—	—	—	—	—	—	2	14	30	1	29
26. Montana	14	1	2	2	—	1	1	—	—	—	1	6	3	31	3	28
27. P. I.	13	1	1	—	2	—	—	—	—	—	—	7	11	35	9	26
28. S. Dak.	13	2	1	1	3	—	—	—	—	—	—	—	10	30	4	26
29. Mississippi	5	2	—	1	4	—	—	—	—	—	—	2	17	31	7	24
30. Dist. of C.	12	2	—	2	2	—	—	2	—	—	—	2	4	26	2	24
31. India	2	13	—	—	—	—	—	—	—	—	—	7	4	26	3	23
32. Tennessee	8	2	—	2	3	—	—	—	—	1	—	2	8	26	4	22
33. Maryland	5	2	—	2	1	—	—	—	—	—	—	1	13	24	2	22
34. Washington	6	2	1	3	1	—	—	2	—	—	—	4	3	22	—	22
35. Louisiana	4	1	1	—	1	—	—	1	—	—	—	3	11	22	2	20
36. Virginia	3	1	1	—	1	—	—	—	—	—	—	3	11	20	—	20
37. N. C.	2	—	—	2	—	—	—	—	—	—	1	5	11	21	2	19
38. Georgia	5	—	—	2	1	—	—	—	—	1	—	2	10	21	3	18
39. Oregon	6	—	—	4	3	—	—	—	—	—	—	3	4	20	2	18
40. N. Dak.	7	—	—	—	—	—	—	1	1	—	—	5	5	19	1	18
41. Japan	3	3	1	—	—	—	—	—	1	—	—	9	5	22	5	17
42. Maine	3	3	—	1	1	—	—	—	—	—	—	6	9	23	7	16
43. Wyoming	9	2	—	—	2	—	—	—	—	—	—	1	4	18	2	16
44. Porto Rico	4	3	2	1	—	—	1	—	—	—	—	—	5	17	3	14
45. Utah	7	—	—	—	1	—	—	—	—	—	—	3	3	14	—	14
46. Hawaii	5	—	—	3	1	—	—	1	—	—	—	1	10	21	9	12
47. Vermont	6	—	—	—	1	—	—	—	—	—	—	—	4	11	1	10
48. S. C.	1	—	—	—	—	—	—	—	—	—	—	2	7	10	—	10

*Of these students, four reside in Canada but take work in Detroit.
 †The 97 duplicates are duplications between extramural and resident students.

TABLE VI. (Continued)

	Lit., Sci., and Arts	Engineering	Architecture	Medicine	Law	Pharmacy	Dentistry	Education	Bus. Ad.	For. and Cons.	Nursing	Graduate	Summer Session	Grand Total	Duplicates	Net Total
49. Brit. Col.	1	—	—	—	—	—	3	—	—	—	1	4	—	9	—	9
50. Arkansas	1	—	—	—	—	—	—	—	—	—	—	1	4	—	—	—
51. Arizona	3	1	—	1	1	—	—	—	—	—	1	—	3	10	3	7
52. N. Mexico	3	—	1	1	—	—	—	—	—	—	—	—	3	8	1	7
53. Colombia	1	3	—	1	—	—	—	—	—	—	—	—	3	7	1	6
54. Panama	1	4	1	—	—	—	—	—	—	—	—	—	1	7	1	6
55. R. Island	3	3	—	—	—	—	—	—	—	—	—	1	—	6	—	6
56. Idaho	2	—	—	1	1	—	—	—	1	1	—	—	—	6	1	5
57. Bolivia	—	2	2	—	—	—	—	—	—	—	—	—	1	5	—	5
58. England	—	—	—	—	—	—	—	—	—	—	—	5	—	5	—	5
59. Mexico	—	4	—	—	—	—	—	—	—	—	1	—	—	5	—	5
60. Delaware	—	2	1	—	—	—	—	—	—	—	—	1	1	5	1	4
61. N. H.	1	—	—	—	2	—	—	—	—	—	—	1	1	5	1	4
62. Russia	—	2	1	—	—	—	—	1	—	—	—	1	—	5	1	4
63. Bulgaria	—	2	—	—	—	—	—	—	—	—	—	1	1	4	1	3
64. Hungary	2	1	—	—	—	—	1	—	—	—	—	—	—	4	1	3
65. Italy	—	1	—	—	—	—	—	—	—	—	—	1	2	4	1	3
66. S. Africa	—	—	—	—	1	—	2	—	—	—	—	—	1	4	1	3
67. Syria	1	1	1	—	—	—	—	—	—	—	—	—	1	4	1	3
68. Canal Zone	1	1	1	—	—	—	—	—	—	—	—	—	—	3	—	3
69. Persia	1	2	—	—	—	—	—	—	—	—	—	—	—	3	—	3
70. Argentina	—	1	—	—	—	—	—	—	—	—	1	—	—	3	1	2
71. Chile	—	1	—	—	—	—	—	—	—	—	—	2	—	3	1	2
72. Germany	—	—	1	—	—	—	—	—	—	—	1	—	—	3	1	2
73. Ireland	1	—	—	—	—	—	—	—	—	—	1	1	—	3	1	2
74. Java	—	1	—	—	—	—	1	—	—	—	—	—	—	2	—	2
75. Korea	1	1	—	—	—	—	—	—	—	—	—	—	—	2	—	2
76. Manitoba	—	1	—	—	1	—	—	—	—	—	—	—	—	2	—	2
77. Poland	—	—	—	—	1	—	—	—	—	—	—	2	—	2	—	2
78. Quebec	1	—	—	—	—	—	—	—	—	—	—	—	1	2	—	2
79. Hindustan	—	—	—	—	—	—	—	—	—	—	—	1	1	2	1	1
80. Alberta	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	1
81. Burma	—	1	—	—	—	—	—	—	—	—	—	—	—	1	—	1
82. Costa Rica	—	1	—	—	—	—	—	—	—	—	—	—	—	1	—	1
83. Denmark	—	1	—	—	—	—	—	—	—	—	—	—	—	1	—	1
84. Greece	—	—	1	—	—	—	—	—	—	—	—	—	—	1	—	1
85. Guadeloupe	—	—	—	1	—	—	—	—	—	—	—	—	—	1	—	1
86. Haiti	—	—	—	—	—	—	—	—	—	—	—	1	—	1	—	1
87. Iraq	—	1	—	—	—	—	—	—	—	—	—	—	—	1	—	1
88. Nevada	—	—	—	—	1	—	—	—	—	—	—	—	—	1	—	1
89. Nova Scotia	—	—	—	—	—	—	—	—	—	—	—	1	—	1	—	1
90. Palestine	1	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1
91. Peru	—	1	—	—	—	—	—	—	—	—	—	—	—	1	—	1
92. Scotland	—	—	—	—	—	—	—	—	—	—	—	1	—	1	—	1
93. Siam	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	1
94. Siberia	—	—	—	—	—	—	—	—	—	—	—	1	—	1	—	1
95. Sweden	1	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1
96. Trinidad	1	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1
Totals	5,889	1,517	345	679	563	95	359	1,006	171	32	253	1,091	3,485	15,485	1,716	13,769

Note.—The map shown on page 157 shows the distribution of students in the United States according to the above table. It also shows the freshman enrollment by states.

UNIVERSITY OF MICHIGAN

1928 - 1929

ENROLLMENT BY STATES

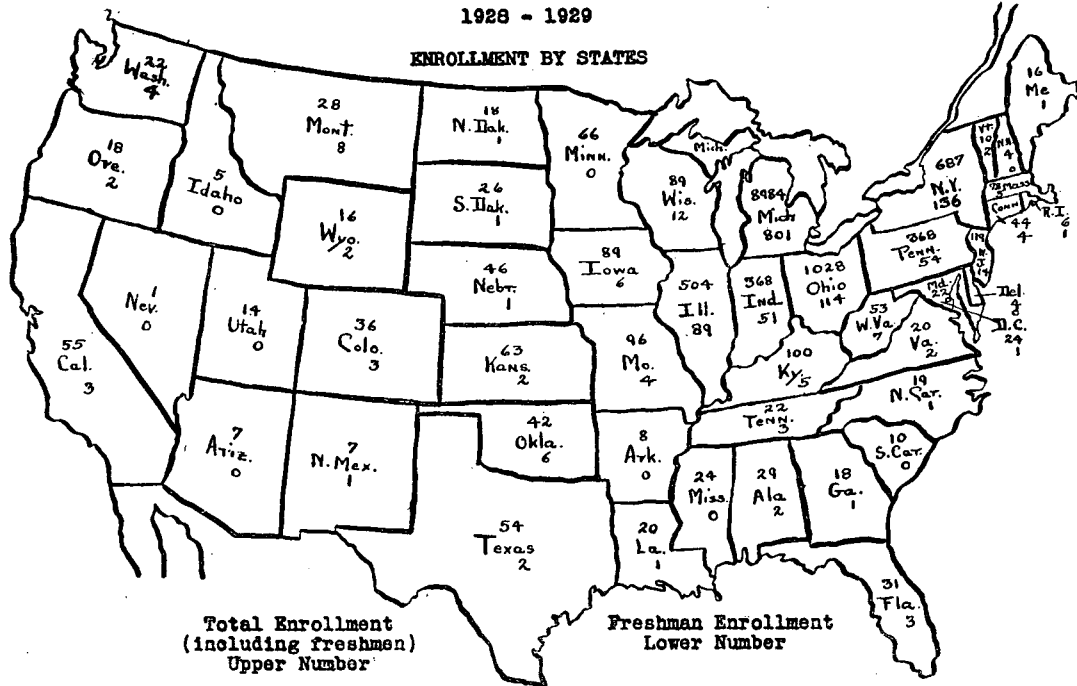


TABLE VII. ENROLLMENT FROM 1843 TO 1929

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

Note.—This table includes Regular Session students, Summer Session students, and those taking Extension courses.

TABLE VIII. DEGREES, CERTIFICATES, AND DIPLOMAS CONFERRED IN 1928-1929

College of Literature, Science, and the Arts:

Bachelor of Arts	917
Bachelor of Arts (in Library Science)	53
Bachelor of Science	29
Bachelor of Science (in Chemistry)	8
Bachelor of Science (in Medicine)	13

Colleges of Engineering and Architecture:

Bachelor of Science in Architecture—	
Architecture	18
Architectural Engineering	10
Bachelor of Science in Design—	
Decorative Design	2
Bachelor of Civil Engineering	1
Bachelor of Science in Engineering—	
Aeronautical Engineering	28
Chemical Engineering	22
Chemical and Industrial Engineering	1
Civil Engineering	71
Electrical Engineering	44
Electrical and Industrial Engineering	1
Geodesy and Surveying	3
Mathematics	2
Mechanical Engineering	72
Mechanical and Industrial Engineering	5
Naval Architecture and Marine Engineering	2

Medical School:

Doctor of Medicine	159
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Law School:

Bachelor of Laws	107
Master of Laws	2
Doctor of Juridical Science	3
Juris Doctor	28

College of Pharmacy:

Bachelor of Science (in Pharmacy)	10
Pharmaceutical Chemist	6

School of Dentistry:

Doctor of Dental Surgery	97
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School of Education:

Bachelor of Arts (in Education)	175
Bachelor of Science (in Education)	29

School of Business Administration:

Master of Business Administration	28
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TABLE VIII. (CONTINUED)

School of Forestry and Conservation:

Bachelor of Science (in Forestry)	13
Master of Science (in Forestry)	3

Graduate School:

Doctor of Philosophy	65
Doctor of Public Health	3
Doctor of Science	6
Master of Arts	311
Master of Arts (in Library Science)	8
Master of Arts (in Municipal Administration)	4
Master of Landscape Design	3
Master of Science	66
Master of Science (in Chemistry)	2
Master of Science (in Engineering)	30
Master of Science (in Public Health)	5
Civil Engineer	2
Electrical Engineer	1
Mechanical Engineer	1

Special Certificates and Diplomas:

Certificate in Geology	1
Certificate in Anesthesia	2
Certificate in Sociology	8
Certificate in Oral Hygiene	24
Certificate in Journalism	10
Certificate in Public Health Nursing	4
Registered Nurse's Diploma	47
Teacher's Diploma	326

Honorary Degrees:

Master of Laws: Henry William Webber	Doctor of Science: Ross Granville Harrison
Master of Arts: Frederic Wilson Willard	Gregory Paul Baxter
Ossian Cole Simonds	Doctor of Letters: Henry LeRoy Crummer
Master of Engineering: Jesse Gurney Vincent	Sir William Alexander Craigie
Doctor of Business Administration: Henry Sturgis Dennison	Doctor of Laws: Robert Patterson Lamont
Doctor of Engineering: Herbert Henry Dow	Arthur Mastick Hyde
Mortimer Elwyn Cooley	James William Good
	Robert Andrews Millikan

Note.—2,469 degrees were conferred during 1928-1929 as compared with 2,447 during 1927-1928. 49 special certificates and 373 nurses' and teachers' diplomas were conferred in 1928-1929, and 45 special certificates and 442 nurses' and teachers' diplomas in 1927-1928. For these same years the numbers of honorary degrees conferred were 15 and 14 respectively.

TABLE IX. FRESHMAN ADMISSIONS WITHOUT AND WITH DEFICIENCIES 1928-1929

Schools and Colleges	Without Deficiencies			With Deficiencies			Total					
	Mich. H. S.	Non-Mich. H. S.	Total	Mich. H. S.	Non-Mich. H. S.	Total	Mich. H. S.	Non-Mich. H. S.	Total			
L., S., & A		522	409	931		18	37	55		540	446	986
Men	313		326	639	16		23	39	329		349	678
Women	209		83	292	2		14	16	211		97	308
Engineering		72	96	168		52	51	103		124	147	271
Men	72		96	168	52		51	103	124		147	271
Women	0		0	0	0		0	0	0		0	0
Architecture		19	8	27		14	17	31		33	25	58
Men	16		7	23	11		12	23	27		19	46
Women	3		1	4	3		5	8	6		6	12
Pharmacy		4	2	6		1	2	3		5	4	9
Men	3		2	5	1		2	3	4		4	8
Women	1		0	1	0		0	0	1		0	1
Oral Hygiene		17	6	23		2	0	2		19	6	25
Women	17		6	23	2		0	2	19		6	25
Education		16	10	26		2	5	7		18	15	33
Men	12		6	18	2		5	7	14		11	25
Women	4		4	8	0		0	0	4		4	8
Total		650	531	1181		89	112	201		739	643	1,382
Men	416		437	853	82		93	175	498		530	1,028
Women	234		94	328	7		19	26	241		113	354

Note.—12.0 per cent of all Michigan freshmen and 17.4 per cent of all non-Michigan freshmen entered with deficiencies.

TABLE X. FRESHMAN DEFICIENCIES BY COLLEGES AND SUBJECTS 1928-1929

Schools and Colleges	Mathematics	Science	Languages	History	Totals*
L., S., & A.	2	30	24	0	56
Mich.	1	4	13	0	18
Non-Mich.	1	26	11	0	38
Engineering	68	32	15	4	119
Mich.	32	19	11	1	63
Non-Mich.	36	13	4	3	56
Architecture	22	15	3	0	40
Mich.	12	7	1	0	20
Non-Mich.	10	8	2	0	20
Pharmacy	0	3	0	0	3
Mich.	0	1	0	0	1
Non-Mich.	0	2	0	0	2
Oral Hygiene	0	2	0	0	2
Mich.	0	2	0	0	2
Non-Mich.	0	0	0	0	0
Education	1	3	4	0	8
Mich.	0	0	2	0	2
Non-Mich.	1	3	2	0	6
All Schools	93	85	46	4	228
Mich.	45	33	27	1	106
Non-Mich.	48	52	19	3	122

*Some freshmen entered with deficiencies in more than one subject and these totals therefore do not agree with the number of freshmen admissions.

TABLE XI. FRESHMAN DEFICIENCIES BY COLLEGES AND UNITS 1928-1929

Schools and Colleges	½ unit	1 unit	1½ units	2 units	Total
L., S., & A.	0	30	0	25	55
Mich.	0	5	0	13	18
Non-Mich.	0	25	0	12	37
Engineering	38	30	17	18	103
Mich.	15	12	10	15	52
Non-Mich.	23	18	7	3	51
Architecture	9	11	6	5	31
Mich.	3	4	4	3	14
Non-Mich.	6	7	2	2	17
Pharmacy	0	3	0	0	3
Mich.	0	1	0	0	1
Non-Mich.	0	2	0	0	2
Oral Hygiene	0	2	0	0	2
Mich.	0	2	0	0	2
Non-Mich.	0	0	0	0	0
Education	0	2	0	5	7
Mich.	0	0	0	2	2
Non-Mich.	0	2	0	3	5
Total	47	78	23	53	201
Mich.	18	24	14	33	89
Non-Mich.	29	54	9	20	112

TABLE XII. FRESHMAN WITHDRAWALS

School or College	1927-1928				1928-1929			
	Total Enrollment	Withdrawals for Poor Scholarship	Withdrawals for Other Reasons*	Total Withdrawals	Total Enrollment	Withdrawals for Poor Scholarship	Withdrawals for Other Reasons*	Total Withdrawals
L., S., & A.	1,098	145	78	223	986	119	65	184
Engineering	223	28	15	43	271	45	22	67
Architecture	53	10	5	15	58	3	4	7
Pharmacy	24	3	3	6	9	2	1	3
Oral Hygiene	25	0	2	2	25	0	1	1
Education	28	0	2	2	33	4	2	6
Total	1,451	186	105	291	1,382	173	95	268

Note.—During the year 1928-1929, 19.4 per cent of the freshmen withdrew: 12.5 per cent for poor scholarship and 6.9 per cent for other reasons. This compares with 20.0 per cent withdrawing in 1927-1928; 12.8 per cent for poor scholarship, and 7.2 per cent for other reasons.

*These totals include withdrawals for reasons other than scholarship at the end of the first semester but do not include withdrawals of this nature at the end of the second semester.

TABLE XIII. STUDY OF FRESHMAN GRADES

FIRST SEMESTER 1927-1928								
	A	B	C	D	E	I	X	Total
L., S., & A.	1,442	3,813	6,267	1,963	921	118	61	14,585
	9.9%	26.1%	43.0%	13.5%	6.3%	.8%	.4%	
Engineering	439	879	1,248	348	225	68	..	3,207
	13.7%	27.4%	38.9%	10.9%	7.0%	2.1%	..	
Architecture	55	129	305	95	77	23	..	684
	8.0%	18.8%	44.6%	13.9%	11.3%	3.4%	..	
Pharmacy	44	72	145	39	24	..	..	324
	13.5%	22.2%	44.8%	12.0%	7.4%	..	..
Oral Hygiene	40	151	149	9	..	..	..	349
	11.5%	43.3%	42.7%	2.5%	..	..	..
Education	16	77	140	69	30	..	..	332
	4.8%	23.2%	42.2%	20.8%	9.0%	..	..
All Colleges	2,036	5,121	8,254	2,523	1,277	209	61	19,481
	10.4%	26.3%	42.4%	13.0%	6.5%	1.1%	.3%	
SECOND SEMESTER 1927-1928								
L., S., & A.	1,412	3,669	5,531	1,614	700	59	96	13,081
	10.8%	28.0%	42.3%	12.3%	5.4%	.5%	.7%	
Engineering	479	840	1,097	426	223	43	..	3,108
	15.4%	27.0%	35.3%	13.7%	7.2%	1.4%	..	
Architecture	77	131	314	78	42	18	..	660
	11.7%	19.8%	47.6%	11.8%	6.4%	2.7%	..	
Pharmacy	49	86	79	50	22	3	4	293
	16.7%	29.4%	27.0%	17.0%	7.5%	1.0%	1.4%	
Oral Hygiene	14	145	164	28	..	..	..	351
	4.0%	41.3%	46.7%	8.0%	..	..	..
Education	17	80	191	53	8	..	..	349
	4.9%	23.0%	54.7%	15.1%	2.3%	..	..
All Colleges	2,048	4,951	7,376	2,249	995	123	100	17,842
	11.5%	27.7%	41.3%	12.6%	5.6%	.7%	.6%	
FIRST SEMESTER 1928-1929								
L., S., & A.	1,084	3,517	5,698	1,845	819	41	110	13,114
	8.3%	26.8%	43.5%	14.1%	6.2%	.3%	.8%	
Engineering	488	1,081	1,474	406	294	61	..	3,804
	12.8%	28.4%	38.8%	10.7%	7.7%	1.6%	..	
Architecture	104	231	283	96	24	51	..	789
	13.2%	29.3%	35.8%	12.2%	3.0%	6.5%	..	
Pharmacy	13	51	37	..	..	4	19	124
	10.5%	41.2%	29.8%	..	..	3.2%	15.3%	
Oral Hygiene	28	122	140	10	..	9	..	309
	9.1%	39.5%	45.3%	3.2%	..	2.9%	..	
Education	19	66	166	109	68	3	..	431
	4.4%	15.3%	38.5%	25.3%	15.8%	.7%	..	
All Colleges	1,736	5,068	7,798	2,466	1,205	169	129	18,571
	9.3%	27.3%	42.0%	13.3%	6.5%	.9%	.7%	

TABLE XIII. (CONTINUED)

	SECOND SEMESTER 1928-1929							Total
	A	B	C	D	E	I	X	
L., S., & A.	1,291	3,620	4,881	1,156	320	68	40	11,376
	11.3%	31.8%	42.9%	10.2%	2.8%	.6%	.4%	
Engineering	492	855	1,314	498	257	64	..	3,480
	14.1%	24.6%	37.8%	14.3%	7.4%	1.8%	..	
Architecture	106	175	262	80	59	23	..	705
	15.0%	24.8%	37.2%	11.3%	8.4%	3.3%	..	
Pharmacy	37	25	29	4	8	..	..	103
	35.8%	24.3%	28.2%	3.9%	7.8%	..	..
Oral Hygiene	30	126	200	36	..	..	..	392
	7.7%	32.1%	51.0%	9.2%	..	..	..
Education	22	77	201	63	34	..	8	405
	5.4%	19.0%	49.6%	15.6%	8.4%	..	2.0%	
All Colleges	1,978	4,878	6,887	1,837	678	155	48	16,461
	12.0%	29.6%	41.9%	11.2%	4.1%	.9%	.3%	

Note 1.—A—Excellent; B—Good; C—Fair; D—Passed; E—Not Passed; I—Incomplete; X—Absent from Examination. I and X may be made up.

Note 2.—The above study is based upon the records of freshmen in the University during 1928-1929, excluding those students who enrolled for the first time at the beginning of the second semester.

The Scholarship Chart.—This year, as before, it has been a difficult task to secure complete and accurate lists of the members in the various fraternities and sororities. The lists were signed by both the president for the current year and for the year following, but this system does not seem to produce accurate lists at the outset. Accuracy can be obtained only after the lists have been checked with the report submitted earlier in the year to the Dean of Students and with the chapter roll in the Michiganensian.

Many of the discrepancies in the lists have been, apparently, unintentional, but an occasional omission of several outstandingly poor students makes the rather extensive checking seem worth while. The lists were in better condition this year than last, and this would seem to indicate that the students as a whole are beginning to realize that an originally correct list saves time and effort for everyone concerned with the same final outcome as that gained by a carelessly recorded or intentionally incorrect report.

Only one fraternity group asked to see the calculations, and their representative agreed with the published rating after going over the tabulated sheet showing the grades of each member in the fraternity. These tabulated sheets showing the grades for each member in the fraternities are on file in the Registrar's Office and are shown to any group upon request.

Grades for the Scholarship Chart were obtained from the recorders in the various offices and the Registrar thanks them for their very ready co-operation in obtaining the grades. The different grading systems in use in the University make it exceedingly difficult to reduce the grades in all schools to a common level for comparison and make the results somewhat meaningless. The Registrar at Clark University, Worcester, Massachusetts,

has just forwarded to this office a report of a committee on "The Working of the Present Grading System." The system in use at Clark University requires that students be listed in order of *Rank* based on the instructor's record. The essential characteristic of the system is the assumption that the "rank" of a student as compared with other students in the class represents his achievement more accurately than a "grade," the meaning of which is known to vary with instructors. This system is in the experimental stage at Clark and may not be successful or may not in any event be suited to the situation at the University of Michigan. It is interesting to note that other universities are experiencing difficulties with grading systems which are not adequate to meet all needs.

EDITORIAL OFFICE

Publications.—In order to present an accurate account of the work of the year July 1, 1928, to June 30, 1929, which is covered, in the large, by Volume XXX of the University of Michigan Official Publication, it is necessary to include certain publications delivered after June 30, and forming part of Volume XXXI.

This situation arises from the fact that although the number of publications submitted during the year 1928-1929 was greater than in previous years, the number that could be included in Volume XXX was limited, by the second-class postal regulation, to one a week or fifty-two in the year. This encroachment of the work of one year upon the bulletin numbers of the year following has been occurring for the past few years. To provide for this accumulated overflow and to make room within future annual volumes for the increased number of publications submitted annually, the postal regulation has been changed, beginning with No. 4 of Volume XXXI, to read: "Issued semi-weekly during the months of March to August, and weekly during the months of September to February."

VOLUME XXX

Volume XXX of the Official Publication contained 52 bulletins, of which the following 46 went through the Editorial Office. Bulletins coming through this office for the first time are in italic.

	<i>Serial</i>	<i>Pages</i>
	<i>No.</i>	
Education, School of:		
University High School (Reprint)	11	28
Friday and Saturday Classes in the School of Education	46	12
<i>Four-Year Curriculum in Physical Education for Men and Women</i> 51		32
Engineering and Architecture, Colleges of:		
Announcement	29	262
Proceedings of the Fourteenth Annual Conference on Highway Engineering	9	304
Chemical Engineering—Graduate Courses and Undergraduate Programs	17	48
Proceedings of the Second Annual Conference on Highway Transport	24	120

	Serial No.	Pages
Extension Division:		
Library Extension Service	1	28
<i>Extension Credit Courses</i>	2	16
Public Health Education Program	4	40
High School Debating League	7	48
Co-operative Plan for Community Center Service in Michigan	14	16
Forestry and Conservation, School of:		
Announcement	5	44
Law School:		
Announcement	47	64
Literature, Science, and the Arts, College of:		
Bulletin of the Department of Landscape Design	48	36
Medical School:		
Announcement	35	112
University Hospital School of Nursing	3	32
Pharmacy, College of:		
Announcement	39	76
Summer Session:		
Complete Announcement	31	224
Abridged Announcement, Campus Edition	19	32
Abridged Announcement (Corrected reprint)	21	32
Biological Station	25	24
Courses in Library Science	26	8
Law School	27	20
Geology and Geography Field Courses in Kentucky	28	12
<i>College of Engineering, Advanced Courses</i>	30	32
Courses in Education	32	36
Classical Languages and Literatures (Reprint)	36	12
Courses in Public Health (Reprint)	37	8
Business Administration (Reprint)	38	8
<i>Department of Speech</i>	41	16
<i>Athletic Coaching, Physical Education, and Administration</i>	42	32
Courses in Physical Education for Women and Health Education ..	43	8
Courses in Physics and Symposium on Theoretical Physics	44	16
Conferences and Non-Credit Courses for Superintendents, Super- visors, Principals, and Teachers	45	8
Miscellaneous:		
Register	6	452
Annual Report of Division of University Inspection of High Schools and List of Accredited Schools	8	48
Faculty Directory	10	92
Report of the University Health Service (Preprint)	13	20
<i>General Register</i> (Reprint)	18	2,196
Barbour Scholarships for Oriental Women	20	16
Journal of the Michigan Schoolmasters' Club	22	272
Michigan Schoolmasters' Club Official Program	40	32
The President's Report	49	416
Bulletin of General Information	50	68
"Michigan Night" Radio Speeches	52	236
		5,694

The bulletins in Volume XXX that did not go through the Editorial Office (420 pages) are:

- Financial Report of the University of Michigan (No. 12), 72 pp.
 Vocational Information—A Bibliography for College and High School Students (No. 15), 240 pp. This should not have been included in the Official Publication; other bulletins of the kind will be issued in a separate series.
 Report of the Director of the Museum of Zoology to the Board of Regents (No. 16), 48 pp.
 Death Notices (No. 23), 24 pp. This bulletin is to go through the Editorial Office in 1929-1930.
 The Non-Resident Student at the University of Michigan (No. 33), 12 pp. The copy for this was revised by the Editorial Office.
 Michigan's University Today—An Address to the Legislature of 1929 (No. 34), 24 pp.

VOLUME XXXI

	<i>Serial No.</i>	<i>Pages</i>
Business Administration, School of:		
Announcement	2	40
Dentistry, School of:		
Announcement	1	52
Education, School of:		
Announcement	5	142
<i>Week-End Conferences for Superintendents and Principals</i>	3	8
Extension Division:		
Announcement	4	108
Credit Courses	6	20
Medical School:		
University Hospital School of Nursing	7	36
		<hr/> 406
UNNUMBERED PUBLICATIONS		
Public Health Institutes, Summer Session		8
Program of Special Lectures, Summer Session (Reprint)		6
Regents' Proceedings (editorial reading only, of galley and page proof)		428
First Semester Time Schedule—Literary, Education, Forestry; equivalent of		108
Second Semester Time Schedule, same as above		108
Business Administration Time Schedule		8
First Semester, Special Engineering Announcement		80
Second Semester, Special Engineering Announcement		80
Bibliography of Papers, Biological Station (Reprint)		4
Supplementary Announcement, Summer Session		8
Report of Secretary and Business Manager (Reprint)		18
		<hr/> 856

These 74 publications represent 6,956 pages of which 4,196 pages were put through the complete processes of editing and proofreading; 2,332 pages were reprints, requiring only minor corrections in copy and reading of page proof; and 428 pages represent editorial reading of page and galley proof.

Editing.—It seems pertinent here to describe in some detail the work done and the service rendered by what we term our general process of editing.

In preparing bulletins six months or a year in advance of their actual date, much foresight is necessary. Therefore, it was particularly fortunate when this office was authorized to co-operate in the proofreading of the *Regents' Proceedings* weeks ahead of the time they are generally distributed. While rendering this service the usefulness of the Editorial Office in return was materially increased through early access to such pertinent information as faculty titles, promotions, leaves of absence, and new scholarships, loan funds, and prizes.

This information is carefully noted in the faculty file as well as in what is called the change and correction file, a separate section of which is kept for each bulletin. The latter file also contains notations of any errors or inconsistencies that have been found in the announcements during the year.

By these means, the Editorial Office makes it its business to keep abreast of all developments in the organization: new facilities, such as Mosher-Jordan Halls and the School of Music; changes, such as in the accepted date of the University's establishment, in fees, in the cost of living in Ann Arbor, in admission requirements, particularly for freshmen and on combined curricula, faculty promotions and resignations. For scholarships, loan funds, research funds, and prizes, the Editorial Office is striving to develop a permanent record that in time may be the most complete and accessible on the Campus.

Several years' experience, with the copy as turned in by the various offices and the regular occurrence of certain kinds of errors and inconsistencies, has shown the necessity of additional responsibility being shouldered by the Editorial Office, if the official bulletins are to have a just claim to reliability. All copy is read word for word, first for meaning—clearness of statement and consistency with duplicate statements appearing elsewhere in the publications; and second, for style—punctuation, spelling, and diction. Additions of new facts, or corrections or deletions of old, are made from the memory of the editor, the *Regents' Proceedings*, the faculty file, and the change and correction file.

In addition to this reading for style, meaning, and changes in fact, certain other steps are taken, some of which involve individual processes. The calendar is scrupulously checked by one person, who assumes full responsibility for its correctness. The faculty list is checked for names, degrees, and titles; lists of students, when included, are referred to the Diploma Clerk in the Secretary's Office, and summaries of students to the Statistician in the Office of the Registrar. Each course listed under a program of study is checked, for number, title, credit, and semester, with the description of that course in the Announcement of the School or College that offers it. Under the lists of courses by departments the titles of the faculty and the spelling of their names are also checked; and where courses are included which are given in another School or College, such courses are checked with the corresponding courses in the Announcement of the School or College that offers them. All references to pages, sections, courses; all alphabetical and numerical lists; all arithmetical processes; all footnotes

are verified. All days and dates are verified and checked. Copy for covers is provided. The copy is marked for type and set-up; directions are given, if any are required, for extra copies for the General Register or for reprints. Tables of contents and indexes are prepared. By these means each bulletin is made to give a more accurate account of the courses, facilities, and requirements, not only within its own division, but in relation to other divisions and to the University as a whole.

The bulletins originating in the Editorial Office, in contradistinction to those which were submitted by other departments, were, this year: the Register of Faculty and Students, the General Register, the Bulletin of General Information, and the Faculty Directory.

In the Register of Faculty and Students, the list of faculty was given a much-needed, thorough check, and a rearrangement, based on a study of the practices in other institutions, was made.

The first General Register, in which are bound together the Bulletin of General Information, the Announcements of the several Schools and Colleges, and the Register of Faculty and Students, was issued in 2 volumes, 2,196 pages, as No. 18 of Volume XXX. The gathering of the 16 separate bulletins and the pasting in of the table of contents and 16 half-titles, and the sewing of the 2 large volumes, presented certain difficulties as a new project which will be lessened for the future by this year's experience. Experience has indicated that a large general index at the end of Volume II would be of value, and steps will be taken to provide this.

The Bulletin of General Information was subjected to a complete revision this year because of the proposed establishment of the University College; and then to a second rearrangement when the establishment of the new unit was postponed. The bulletin was, therefore, much delayed. Its size was slightly larger because of additional matter on fees and graduation requirements, and a larger index.

The new bulletin of the Department of Speech for the Summer Session, and the new Announcement necessitated by the School of Music becoming a unit of the University, were given the extra attention required by most new bulletins. Much time is usually required for the reorganization of new copy submitted to the office, and considerable time is necessary for consultations with the authors to clear up inconsistencies and secure acceptance of suggestions. Frequently such complete reorganization is necessary that much of the copy must be typed before it can be submitted to the printer.

The general revision of the administrative publications, as entrusted to this office at its organization, has gradually been effected, as time and opportunity have permitted, in practically all the bulletins now going through the office. This year the Bulletin of the Department of Landscape Design and that for the Field Courses in Geology and Geography were revised; and indexes were supplied for two bulletins that had never had them. A matter involved in the change from the Catalogue to the Bulletin of General Information was settled by the final placement of the material on the Scope of Preparatory Work (pages 124-135 of the Catalogue for 1926-1927).

This material was included in the List of Accredited Schools and the Report of the Division of High School Inspection, which goes direct to the high school principals, who are chiefly concerned.

Proofreading.—In this period, approximately 1,600 galleys of proof and 6,900 pages of proof were put through the various proofreading processes. The reading of the galley is done by a proofreader and a copyholder, questions pertaining thereto are then cleared up, and the galleys submitted to the departments concerned. The reading of page proof includes not only a reading of every line in which a change has been made, and a checking of the first two words of all lines to be sure that no line of type has been lost or misplaced by the printer; but also a reading word for word. The final O.K. involves chiefly the checking of front and back matter; verification of page numbers, running heads, page references, and calendar; looking over for spacing and alignment; verification of all alphabetical or numerical listings.

In the case of the Announcement of the College of Literature, Science, and the Arts, the Announcement of the Colleges of Engineering and Architecture, the Announcement of the Graduate School, and the two Special Engineering Announcements, the various department heads are called in to approve the galley proofs, and it should be mentioned here that at such times, with such distractions as typing, an unusual number of phone calls, people coming in and out, conferences with the men who are reading the galleys, the present editorial room is so noisy as to reduce efficiency in both editing and proofreading. This might be remedied by the division of the office into at least two rooms by means of sound-proof partitions. This year the heaviest burden of proofreading was sustained from February through August. An effort is being made, with the co-operation of some of the divisions, to distribute this load more evenly, and to insure better service next year, by scheduling as many bulletins as possible in the early fall.

A number of glaring and trouble-making misprints that have occurred in the bulletins this year, creeping in at the press after the final O.K. of this office on the page proof, have led to some correspondence with the printer and his promise of more particular attention in the future to this phase of his responsibility. It should also be stated that, while the general proofreading service of the printer has been satisfactory enough as a mechanical comparing of copy and proof, such an unthinking following of copy does not constitute competent proofreading.

General Service.—The faculty card file, compiled from the Register of Faculty and Students, amended by prompt entries from the *Regents' Proceedings* and the Budget, and sent out each year to the individual members of the Faculty in order to be approved for details and for new degrees, was this year put in excellent shape. This serves, on the one hand, as basic copy for the new edition of the Register of Faculty and Students; on the other hand, as an authoritative, up-to-the-minute check on academic

titles in all other administrative bulletins, including the *Regents' Proceedings* themselves.

In the preparation of copy for the Register, much difficulty has been experienced with the classification of research assistants and major administrative assistants. The exact definition of a few titles, with fixed specification of the rank carried, would relieve the confused situation. The problem concerning major administrative assistants will doubtless be solved with the completion of the current investigation by the Bureau of University Research.

A master file of courses, to provide a card record of every course given in the University so that its description in all bulletins may be kept consistent, is well under way. Its compilation has revealed a disconcerting tendency on the part of the faculty to change course numbers overnight, sometimes for the slightest reasons; with the result, in some cases, that the same number stands for as many as three different courses within four or five years. The statement in the Literary Announcement that the odd-numbered course is given the first semester and the even-numbered in the second has caused the number of a course or two to be changed back and forth from odd to even, merely because of a change in the semester it is offered. Two needs are indicated: (1) some study of the various numbering systems on the Campus, with recommendations for their clarification and co-ordination; and (2) the delegation of power to some committee, whose approval will be necessary before course numbers can be changed.

The cut file installed this year prevents much lost motion searching for cuts in the offices of the various deans and at the press; and it offers an additional service to all units of the University, in that some of the cuts owned by one department are available for use by other departments.

Printing.—Certain minor improvements have been made during the year, such as the use, wherever possible, of Garamond bold face type, with its lighter, more appropriate lines; and the use of this font in italic eight-point capitals for running heads. The use of Ronaldson type in the place of "calendar" has been extended; and some improvement has been obtained in the placement of the type page. No standard typographical form can be advised for all the bulletins until such time as the press widens its range of bold face type; and no urgent recommendation can be made to them while the printing situation remains uncertain.

Vouchers covering the printing charges on the Official Publication have for the first time this year passed through this office. The responsibility for the O.K.ing of these charges has been borne, however, as in the past, by the Superintendent of Printing and Binding; the check by this office being merely supplemental. Incidentally our checking has led to the discovery of a few errors that would not otherwise have been detected, but its chief benefit has been to give this office a knowledge of the cost of various operations, which information should result in savings in the future.

Certain facts would seem to indicate that the establishment of a University-owned printing plant would be a measure of economy. Beyond question there is a real need for a study, by a printing expert, of the present printing situation.

We wish also to suggest again the comparative ease and definite advantages of establishing a "University of Michigan Press," which, whether all or part or none of its printing were done in a university printing plant, would, by merely gathering together under its name all the now scattered publications of the University, bring efficiency and dignity to the University of Michigan's publishing activities.

Respectfully submitted,

IRA M. SMITH, *Registrar.*