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STANFORD UNIVERSITY BULLETIN

SIXTH SERIES, No. 92

DECEMBER 30, 1939

**ANNUAL REPORT OF THE PRESIDENT
OF STANFORD UNIVERSITY**

**FOR THE FORTY-EIGHTH ACADEMIC YEAR
ENDING AUGUST 31, 1939**

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**THIS BEING THE THIRTY-SIXTH REPORT SUBMITTED, TO
WHICH ARE APPENDED ANNUAL REPORTS OF THE
COMPTROLLER, DEPARTMENTS, COMMITTEES,
AND PUBLICATIONS OF THE FACULTY**

**STANFORD UNIVERSITY, CALIFORNIA
PUBLISHED BY THE UNIVERSITY
1939**

learning since these have played such a large part in the growth and development of the United States.

ACADEMIC CHANGES

REQUIREMENT FOR DEGREE OF DOCTOR OF EDUCATION

The following change in the requirement for the degree of Doctor of Education, as recommended to the faculty of the School of Education by the Committee on Advanced Degrees, was approved (by the Board of Trustees November 17, 1938): That the language requirement for the Ed.D.—Type II (master teacher) be dropped from the doctoral program except where there is evidence that knowledge of foreign languages will be of definite benefit and utility in the candidate's preparation and work.

DEGREES IN BIOLOGICAL SCIENCES

The faculty of the School of Biological Sciences has rearranged its program so that it now comprises the following departments of instruction and research: Biology (including the Hopkins Marine Station and Natural History Museum); Anatomy; Bacteriology and Experimental Pathology; Physiology.

Five different programs leading to the A.B. degree are provided as follows:

1. A.B. in Biological Sciences (Biology)
2. A.B. in Biological Sciences (Anatomy)
3. A.B. in Biological Sciences (Bacteriology)
4. A.B. in Biological Sciences (Physiology)
5. A.B. in Biological Sciences (Basic Medical Sciences)

DISCONTINUANCE OF DIPLOMA COURSE IN NURSING

At its meeting held March 16, 1939, the Clinical Committee approved the request of Director Edith H. Smith, of the School of Nursing, to discontinue the diploma course in Nursing, offering only the five-year curriculum course leading to the A.B. degree in Nursing, beginning September 1939. This change, approved by the President and the Dean of the Medical School, was accepted by the Board of Trustees on April 20, 1939.

CONSULTING FACULTY MEMBERS IN JOURNALISM

The Division of Journalism was given permission to arrange for the appointment in the Division of members without salary,

similar in position to the clinical faculty members of the School of Medicine and the consulting faculty members of the Graduate School of Business.

RETIREMENT OF PRESIDENT

SELECTION OF NEW PRESIDENT

Following a suggestion to the faculty from the Board of Trustees, the following communication was sent:

The Executive Committee of the Academic Council of Stanford University respectfully addresses the Board of Trustees of the University and requests that, if and when the time comes to select a successor to President Ray Lyman Wilbur, this committee, a portion of its membership, or some committee of faculty members from the Academic Council, be taken into conference by the Board of Trustees or its committee on the choice of such successor. The Executive Committee requests that this minute be transmitted to The Board of Trustees by the Chairman of the Committee.

The University will celebrate its Fiftieth Anniversary during the year 1941. At the meeting on May 18, 1939, the following resolution was passed:

The Board of Trustees, recognizing Dr. Wilbur's long and devoted service to the University, deems it fitting that he should represent the University as its academic head during the ceremonies in celebration of that anniversary.

It Is Therefore Resolved, That, at the request of the Board of Trustees, to which Dr. Wilbur has assented, the date of his retirement is postponed to the first day of January, 1942; and further

Resolved, That the Board proceed at once to create a Committee or Committees to make investigation and report to the Board on the selection and appointment of a President to succeed Dr. Wilbur on January 1, 1942.

It was resolved: That a committee, composed of the President of the Board, the Chairman of the Finance Committee, and the Chairman of the University Committee, be appointed to report to the Board, at its next meeting, its recommendations regarding the method of appointment, and the composition of a committee or committees to investigate and report to the Board on the selection and appointment of a President of the University to succeed Dr. Wilbur.

The Special Committee appointed May 18, 1939, to confer and report back to the Board its recommendations with respect to the procedure to be followed in the selection and appointment of

last year. Of these, 414 were advanced degrees. The following table gives a summary of the enrolment in schools and departments:

Biological Sciences, School of.....	108	Romanic Languages	
Anatomy	4	French	41
Bacteriology	27	Spanish	31
Basic Medical Sciences	164	Lower Division (including 4 special students)	1,603
Physiology	6	Medicine, School of	211
Business, Graduate School of.....	226	Basic Medical Sciences (<i>see</i> School of Biological Sciences)	(28)
Education, School of		Nursing	42
Education	589	Physical Sciences, School of	2
Graphic Art	45	Chemistry	113
Physical Education	47	Geology	52
Engineering, School of	194	Mathematics	21
Civil	17	Physics	20
Electrical	34	Social Sciences, School of	307
Mechanical	27	Economics	248
Mining	21	Accountancy	10
Hygiene and Physical Education (<i>see</i> School of Education)	(47)	Sociology	1
Law, School of	154	History	147
Pre-Legal	15	Journalism	54
Letters, School of	15	Philosophy	16
Classics	7	Political Science	177
English	100	Psychology	59
Speech and Drama	71	Sociology	34
Germanic Languages	26		
		Total	5,086

ENROLMENT TRENDS

For the growth of the University through 1937-38 report has been made of the tendency, in approaching the peak enrolment of that year, toward balance within the student body with approximately equal proportions of Lower Division, Upper Division, and Graduate students. The enrolment figures for 1938-39 show a decrease in total number of students, from 5,103 to 5,086, but there were no decreases, in fact increases of 5.4 and 3.0 per cent respectively, in the Upper and Graduate divisions. The decrease was entirely in the Lower Division. The net result was a student body 31.6 per cent in Lower Division, and 34.2 per cent each in Upper and Graduate divisions. The decrease in the Lower Division was the result of normal promotion to the Upper Division accompanied by smaller accessions of new Lower Division students, particularly at the second-year level. Both Upper and Graduate divisions received a larger number of new students than in the previous year but the number of new students direct from high schools decreased from 727 to 684 and the number of Lower Division transfers dropped from 191 to 82. The "survival" tables show a slight de-

Miss Emma L. Martin, of Princeton, New Jersey, \$250.00 for the Mabel Hyde Cory Scholarship; \$1,000.00 to the Mabel Hyde Cory Scholarship Endowment Fund.

Mrs. Alfred B. Ayers, of Princeton, New Jersey, \$1,000.00 to the Mabel Hyde Cory Scholarship Endowment Fund.

The Rockefeller Foundation, \$750.00 to Professor Percy A. Martin, to complete preparation of second edition of *Who's Who in Latin America*, for year beginning April 1, 1939.

DIVISION OF JOURNALISM

Books, reports, and papers were presented by the following: English Club of Stanford University, Hammer & Coffin Society, Mr. Clarence R. Lindner, *Palo Alto Times*, Mr. E. J. Raleigh.

POLITICAL SCIENCE

West Memorial Library, books donated by the following: Hon. Herbert Hoover, The Carnegie Foundation for International Peace, Dr. Philip W. Buck, Robert W. Gros, Miss Jane Hillebrand, Dr. John W. Masland, Jr., Dr. Graham Stuart.

PSYCHOLOGY

George Davis Bivin Foundation, Inc., Cleveland, Ohio, \$300.00 to establish the George Davis Bivin Fellowship in Psychology.

Carnegie Corporation of New York, \$10,000.00 on grant of \$20,000.00 toward support of a follow-up of the study of gifted children, under the direction of Professor L. M. Terman, for two years, 1938 to 1940.

Miss Elizabeth F. Gamble, of Palo Alto, \$500.00 for research, under the direction of Professor C. P. Stone.

National Research Council, Committee for Research in Problems of Sex, Washington, D.C., \$840.00 for Professor C. P. Stone's research on the psychobiology of sex in man and other mammals; \$2,825.00 for Professor L. M. Terman's research on psychobiological characteristics of sex.

FOOD RESEARCH INSTITUTE

Canned Salmon Industry, \$2,250.00 for survey of spoilage in canned fish, under the direction of Dr. C. L. Alsberg.

COMMITTEE ON PUBLIC EXERCISES

Men's Debate, \$15.00 to help finance the British Columbia-Stanford University debate.

The departmental and other special reports follow.

Respectfully submitted,

RAY LYMAN WILBUR, *President*

December 1, 1939

SCHEDULE I—Continued

ANALYSIS OF EXPENDITURES, YEAR ENDED AUGUST 31, 1939

INSTRUCTION AND RESEARCH, SCHOOLS AND DEPARTMENTS (Continued)	Total	Expense	Equipment to Capital
School of Social Sciences			
History	\$ 76,165.39	\$ 75,446.96	\$ 718.43
Economics	70,872.45	70,299.91	572.54
Political Science	39,354.86	38,665.68	689.18
Journalism	12,370.33	12,370.33	.....
Philosophy	13,264.35	13,264.35	.....
Psychology	41,672.18	41,562.95	109.23
School of Social Sciences.....	787.69	717.16	50.53
Total	\$ 254,467.25	\$ 252,327.34	\$ 2,139.91
School of Physical Sciences			
School of Physical Sciences.....	\$ 2,110.95	\$ 2,074.90	\$ 36.05
Geology	41,020.95	40,676.46	344.49
Mathematics	34,524.80	34,445.93	78.87
Physics	45,773.62	45,165.42	608.20
Chemistry	107,004.49	101,924.15	5,080.34
Total	\$ 230,434.81	\$ 224,286.86	\$ 6,147.95
School of Fine Arts.....	\$ 51,702.88	\$ 51,272.51	\$ 430.37
Food Research Institute.....	\$ 58,048.45	\$ 57,807.56	\$ 240.89
Endowment Lecture Funds.....	\$ 1,870.30	\$ 1,870.30	.....
Special Contributions for Specific Research			
Electrical Engineering	\$ 1,446.81	\$ 1,446.81	.....
Physiology	1,136.70	625.09	\$ 511.61
Anatomy	2,961.91	2,961.91	.....
Education	35,560.52	34,093.47	1,467.05
Psychology	7,019.04	7,019.04	.....
Chemistry	3,733.00	3,733.00	.....
Mechanical Engineering	21,462.22	20,392.25	1,069.97
History	15,481.98	15,386.70	95.28
Economics	1,387.23	1,387.23	.....
Biology	13,303.20	13,060.23	222.97
Food Research	2,444.12	2,444.12	.....
Political Science	304.69	304.69	.....
Law	643.75	643.75	.....
School of Business Administration.....	16,623.07	16,188.27	434.80
Mining Engineering	82.24	.46	81.78
Bacteriology	12,402.96	12,298.16	104.80
Physics	34,496.45	24,105.29	10,391.16
Physical Education	274.59	274.59	.....
Friends of Music.....	5,807.98	5,807.98	.....
Hoover War Library.....	11,956.34	11,718.26	238.08
School of Letters.....	596.32	596.32	.....
Total	\$ 189,125.12	\$ 174,507.62	\$ 14,617.50
Total Instruction and Research.....	\$1,925,047.42	\$1,885,440.40	\$ 39,607.02

SCHEDULE M—Continued
ENDOWMENTS AND RESTRICTED FUNDS, YEAR ENDED AUGUST 31, 1939

RESTRICTED ENDOWMENTS, GENERAL (Continued)		Aug. 31, 1939	Increase	Decrease	Aug. 31, 1938
Brought forward		\$ 903,295.95	\$ 988.26	.....	\$ 908,327.69
Research and Departmental Use (Continued)					
Dole Memorial Fund Endowment (The).....		2,040.85	.....	.....	2,040.85
Duncombe, Estate of Arthur G., School of Journalism.....		30,021.00	.....	.....	30,021.00
Eckart, William Roberts, Research Fund for Mechanical Engineering.....		2,107.82	33.99	.....	2,073.83
Fairclough Fund		825.61	224.35	.....	601.26
First Million Endowment Fund.....		1,000,000.00	.....	.....	1,000,000.00
Fourth Million Endowment Fund.....		1,462.30	.....	.....	1,462.30
Goldner, Frank A., Memorial Fund Endowment (for Russian Revolution Research).....		2,187.65	.....	.....	2,187.65
Hammond, Nellie B., Fund for Advancement of Knowledge and Fine Arts.....		1.00	.....	.....	1.00
Hardy, Irene, Prize Fund in English Verse.....		500.00	.....	.....	500.00
Hertzstein, Dr. Morris, Chair of Biology Endowment.....		100,000.00	.....	.....	100,000.00
Japanese History and Civilization, Chair in Endowment.....		37,500.00	.....	.....	37,500.00
Jordan, David Starr, Memorial Endowment.....		5,451.29	.....	.....	5,451.29
Lane Medical Lecture Fund.....		20,000.00	.....	.....	20,000.00
Langille Book Fund		600.00	.....	.....	600.00
Medical Research Endowment.....		54,341.47	1,688.87	.....	52,672.60
Nuggets Fund in Memory of Julia Watt Lawrence.....		1,000.00	.....	.....	1,000.00
Religion, School of, Endowment for		340.11	13.24	.....	326.87
Rixford, Emmet, Memorial Endowment Fund.....		.....	.....	5.00	5.00
Rogers, F. J. and Josephine, Fund for School of Religion.....		4,233.79	4,233.79	.....	.....
Stanford New Endowment Fund.....		81,970.78	81.21	.....	81,889.57
Stanford, Thomas Walton, Endowment for Psychic Investigation.....		50,000.00	.....	.....	50,000.00
Stanford, Thomas Walton, Endowment for Psychology and Psychic Investigation.....		525,092.77	.....	.....	525,092.77
St. Goar, Nellie, Endowment Fund for Medical School.....		465.41	.....	.....	465.41
Third Million Endowment Fund.....		364,590.40	.....	.....	364,590.40
Urm, Clarence, Award to Student Submitting Best Poem.....		1,010.00	.....	.....	1,010.00
West, R. F., Endowment for Lectures on Immortality and Kindred Subjects.....		10,000.00	.....	.....	10,000.00
Total Research and Departmental Use.....		\$ 3,205,028.20	\$ 7,223.71	\$ 5.00	\$ 3,197,809.49

Stanford in June. Talks on psychical research were delivered at San Jose State College and on the Stanford Radio Program. Dr. Kennedy served as chairman of the Headquarters Committee for the meetings of the American Psychological Association at Stanford. He was also a member of a committee for criticism of papers on extra-sensory perception.

At the close of the year Dr. Kennedy resigned his position at Stanford to accept an assistant professorship of psychology at Tufts College. Dr. Douglas Ellson, of Yale University, was appointed Psychical Research Fellow for 1939-40.

LEWIS MADISON TERMAN
Professor of Psychology

DIVISION OF JOURNALISM

The staff of the Division of Journalism for the year 1938-39 consisted of Chilton R. Bush, professor; Raymond D. Lawrence (Ohio State University), acting associate professor (autumn); Clifford F. Weigle, assistant professor; Berton J. Ballard (Los Angeles City College), acting assistant professor (summer); E. Ray Lovett (spring), James C. Nute (winter and spring), and Richard A. Russell (winter), lecturers.

Class enrolment, exclusive of practice courses, was 444. The number of majors was 54, of whom six were graduate students. Bachelor's degrees were granted to 18 and Master's degrees to three. Subjects of Master's theses were as follows: "Editorial Attitudes of Representative California Daily Newspapers with Respect to Certain State Tax Policies"; "A Comparative Study of the Reporting of the San Francisco General Strike of 1934 by San Francisco Newspapers"; "John R. Rathorn and the *Providence Journal* in the Years Preceding the Entry of the United States in the World War."

The demand for Stanford graduates by newspapers and press associations was again reflected by the awarding of the Kenneth C. Hogate plaque to the Stanford Chapter of Sigma Delta Chi, the award being given to the chapter having the highest percentage of its members employed in newspaper work. All Stanford men received employment as they were graduated during the year.

The division sponsored three conferences on the campus. They were the fifteenth annual convention of the Central California Scholastic Press Association; the twenty-fourth national convention of Sigma Delta Chi, professional journalistic society; and the second annual Editors' Conference, sponsored jointly by the Division of Journalism and the California Newspaper Publishers Association. The Editors' Conference is becoming increasingly useful to California editors. It assists them with numerous technical problems and presents data important to them in the formulation of editorial policy. At the 1939 conference, the division was able to present the president of the American Society of Newspaper Editors, the Berlin correspondent of International News Service, and the former Shanghai manager of the United Press Associations.

In May the division invited Mr. Roy W. Howard to deliver the tenth

Don R. Mellett Memorial Lecture, which was assigned to Stanford University. The lecture is given annually in a university "to perpetuate in the free press of America the spirit of Don R. Mellett, who was assassinated July 16, 1926, by enemies made in his crusade against vice, corruption, and lawlessness permitted by the city government of Canton, Ohio."

Mr. Bush, during the year, served as chairman of the Council on Research of the American Association of Schools and Departments of Journalism; as a member of the Committee on Research of Sigma Delta Chi; on a research committee of the Institute of Pacific Relations; and on the National Executive Council of Sigma Delta Chi. He addressed the Institute of World Affairs; the Pacific Advertising Clubs Association; a forum of the Institute of Pacific Relations on Treasure Island; the Editors' Conference of the California Newspaper Publishers Association; and the national convention of Sigma Delta Chi. He was director of publicity in the autumn, winter, and spring quarters, and co-operated with the program of Stanford Associates and the Stanford Fund. He also served on the University Committee on Degrees and Three-Year Plan.

Mr. Weigle was chairman of the Committee on University Radio Program and acting director of publicity in the summer quarter. He organized during the year the Stanford Chapter of Alpha Delta Sigma, national advertising society, and directed the convention of the Central California Scholastic Press Association. He addressed the Editors' Conference in July.

Mr. Van Sooy was not on duty in 1938-39, his courses being offered by E. Ray Lovett, general manager of Peninsula Newspapers, Inc., and by James C. Nute, of the Stanford University Press. Mr. Van Sooy was re-appointed lecturer for 1939-40. In January he was elected first vice-president of the California Newspaper Publishers Association, the election placing him in line for the presidency in January 1940.

Mr. Russell conducted a project in the winter quarter in co-operation with Safeway Stores. He addressed the Pacific Council of the American Association of Advertising Agencies in November.

A faculty of consulting professors was established in 1939, the following San Francisco newspaper executives being appointed: Paul C. Edwards, associate editor of the *San Francisco News*, Clarence R. Lindner, general manager of the *San Francisco Examiner*, and Paul C. Smith, general manager of the *San Francisco Chronicle*, consulting professors; Frank A. Clarvoe, managing editor of the *San Francisco News*, and Miller Holland, Pacific Division news manager of United Press Associations, associate consulting professors.

Millard C. Browne, a fellow in 1938-39, joined the state capitol staff of the *Sacramento Union* in July, and Charles O. Voigt, who held a fellowship while on leave of absence from the *San Francisco Chronicle*, returned to the *Chronicle* editorial staff in June. Fellows appointed for 1939-40 are Robert F. Wilcox, manager of the Fresno bureau of United Press Associations, and Dan E. Clark, Jr., of the Oregon State Tax Commission.

Charles M. Hulten, of the University of Oregon, was appointed acting assistant professor for 1939-40.

CHILTON R. BUSH
Professor of Journalism

half-hour service, 9:45 to 10:45 A.M. was arranged. The program was as follows:

Organ Prelude: Fugue in G Minor, by J. S. Bach; Integer Vitae, by F. F. Flemming; Immortal, Invisible, God only Wise, by Eric Thiman; The University Choir, Warren D. Allen, Organist and Director
Placing of Wreath, David Denslow Ryus and Mary Morris Boggs, President and Vice-President of the Senior Class
"Students and the Founders," Horace B. Lee, President, Associated Students
"This for Remembrance," David Charles Gardner, Chaplain, Emeritus
Address, President Ray Lyman Wilbur
"From All That Dwell below the Skies," by Nicholas Shumway
Benediction, Thomas E. Oliver, Acting Chaplain of the University
Choral Blessing, by P. C. Lutkin

The Committee, representing the University, supervised the program of dedication of the School of Education Building on Saturday, November 12, at 10:30 A.M. Presentation was made by Dean Emeritus Ellwood Patterson Cubberley, and acceptance made by the president of the Board of Trustees, Leland Whitman Cutler. Addresses were delivered by President Ray Lyman Wilbur and by Guy Stanton Ford, president of the University of Minnesota.

Co-operating with a committee of the American Association for the Advancement of Science a Stanford University group led by Professor Emeritus Bailey Willis sponsored a meeting of members of the Stanford University faculty on Sunday, February 12. It was held in the Auditorium of the Education Building. Professor Edgar E. Robinson spoke on "The Present Crisis." A committee composed of Professors Eliot Blackwelder, Grayson N. Kefauver, James W. McBain, Samuel B. Morris, and David L. Webster presented resolutions supporting intellectual freedom which were adopted by unanimous vote.

On May 9, in the Auditorium of the Memorial Hall, Mr. Roy W. Howard, chairman of the Board, Scripps-Howard Newspapers, delivered The Don Mellett Memorial Lecture on "Your American Press." Mr. William Scripps Kellogg, president of the California Newspaper Publishers Association, presided. The meeting, attended by approximately 1,200 persons, was held under the auspices of the School of Journalism.

The Associated Students, following upon a successful lecture venture of the previous year, presented John Gunther in a lecture on February 15, and Vincent Sheean in a lecture on April 13. They plan a series of lectures for the coming year. For a portion of the year the students, as in the previous year, sponsored a series of foreign films. These were presented on Sunday evenings in the Auditorium of the Memorial Hall.

Through the generosity of the Elizabeth Sprague Coolidge Foundation in the Library of Congress, the University presented, on May 30 and on August 1, the Roth Quartet, in programs of chamber music. These were open to the public, and invitations were sent to a large number of friends of the University.

The Committee has followed the practices established in previous years in the plan of program for the Tuesday Evening Series. In the list that

TABLE IX

DEGREES GRANTED, 1938-39

Ph.D. M.D. LL.M. LL.B. Ed.D. Engr. Ed.M. M.B.A. A.M. A.B.

School of Biological Sciences	7	..	..	..	..	..	..	..	9	30
Anatomy	1	..	..	..	..	..	..	..	..	..
Bacteriology and Experimental Pathology ..	..	..	..	..	..	..	..	..	4	..
Basic Medical Sciences ..	..	..	..	..	..	..	..	..	..	87
Physiology	1	..	..	..	..	..	..	..	4	..
School of Business.....	2	..	..	..	..	..	..	95	..	..
School of Education.....	..	..	..	..	..	..	..	..	..	..
Education .....	..	..	..	..	12	..	1	..	27	29
Education: Graphic Art ..	..	..	..	..	..	..	..	..	1	16
Education: Hygiene and Physical Education ..	..	..	..	..	..	..	..	..	6	..
School of Engineering.....	..	..	..	..	..	..	..	..	..	74
Civil Engineering ..	..	..	..	..	..	4	..	..	..	..
Electrical Engineering ..	..	..	..	..	..	12	..	..	..	..
Engineering Chemistry ..	..	..	..	..	..	1	..	..	..	..
Mechanical Engineering ..	..	..	..	..	..	5	..	..	..	..
Mining Engineering ..	..	..	..	..	..	7	..	..	..	..
School of Hygiene and Physical Education ..	..	..	..	..	..	..	..	..	1	..
School of Law.....	..	..	1	43	..	..	..	..	..	..
Pre-Legal Curriculum ..	..	..	..	..	..	..	..	..	..	4
School of Letters.....	..	..	..	..	..	..	..	..	..	10
Classics	1	..	..	..	..	..	..	..	1	1
English	1	..	..	..	..	..	..	..	8	25
English: Speech and Drama .....	..	..	..	..	..	..	..	..	6	21
Germanic Languages..	3	..	..	..	..	..	..	..	2	6
Romanic Languages...	5	..	..	..	..	..	..	..	9	32
School of Medicine .....	..	57	..	..	..	..	..	..	..	..
Bacteriology and Experimental Pathology	1	..	..	..	..	..	..	..	..	..
Nursing Curriculum ..	..	..	..	..	..	..	..	..	..	1
School of Physical Sciences .....	..	..	..	..	..	..	..	..	1	2
Chemistry	18	..	..	..	..	..	..	..	10	25
Geology	1	..	..	..	..	..	..	..	..	12
Mathematics .....	..	..	..	..	..	..	..	..	..	5
Physics	2	..	..	..	..	..	..	..	..	..
School of Social Sciences ..	..	..	..	..	..	..	..	..	..	130
Economics	3	..	..	..	..	..	..	..	3	104
Economics: Accountancy .....	..	..	..	..	..	..	..	..	..	3
History	6	..	..	..	..	..	..	..	13	64
Journalism .....	..	..	..	..	..	..	..	..	3	18
Philosophy .....	..	..	..	..	..	..	..	..	..	7
Political Science	2	..	..	..	..	..	..	..	8	86
Psychology	2	..	..	..	..	..	..	..	1	19
Sociology .....	..	..	..	..	..	..	..	..	3	21
Total	56	57	1	43	12	29	1	95	120	832