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# THE MAINE BULLETIN

UNIVERSITY OF MAINE, ORONO, MAINE

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## CATALOG NUMBER

For the Sessions of 1944-1945, with announcements  
for the Sessions of 1945-1946



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Vol. XLVII

MARCH 1, 1945

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## ADDRESS CORRESPONDENCE

- On general administrative matters,  
To the President, Arthur A. Hauck
- On all matters pertaining to scholarship records, dormitory rooms, and rooms  
in private houses,  
To the Registrar, James A. Gannett
- On admission to the freshman class and to advanced standing,  
To the Director of Admissions, Percy F. Crane
- On financial affairs of students,  
To the Treasurer, Frederick S. Youngs
- On matters pertaining to the College of Agriculture,  
To the Dean of the College, Arthur L. Deering
- On matters pertaining to the College of Arts and Sciences,  
To the Acting Dean of the College, Roy M. Peterson
- On matters pertaining to the College of Technology,  
To the Dean of the College, Paul Cloke
- On matters pertaining to the School of Education,  
To the Acting Dean of the School, Payson Smith
- On graduate study and scholarships available for graduate students,  
To the Dean of Graduate Study, Roy M. Peterson
- On the Summer Session for teachers and college students,  
To the Director of the Session, Roy M. Peterson
- On matters pertaining to student and alumni employment,  
To the Placement Director, Philip J. Brockway
- On matters pertaining to Veterans' Education,  
To the Co-ordinator, Col. G. W. Small (C.A.-Res.)

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## CALENDAR

### Fall Term 1944

Registration of Freshmen	Friday, 8-12 M.	Sept. 29
Registration of Upperclassmen	Monday, 8-12 M., 1:30-3 P.M.	Oct. 2
Classes begin	Tuesday, 8 A.M.	Oct. 3
Mid-Term Reports due	Tuesday	Nov. 14
Thanksgiving Day, a holiday	Thursday	Nov. 30
Classes end	Saturday, 12 M.	Dec. 16
Final Examinations begin	Monday, 8 A.M.	Dec. 18
Final Examinations end	Friday, 4 P.M.	Dec. 22

### Winter Term 1945

Registration	Tuesday, 8-12 M., 1:30-3 P.M.	Jan. 2
Classes begin	Wednesday, 8 A.M.	Jan. 3
Mid-Term Reports due	Tuesday	Feb. 13
Classes end	Saturday, 12 M.	Mar. 17
Final Examinations begin	Monday, 8 A.M.	Mar. 19
Final Examinations end	Friday, 4 P.M.	Mar. 23

### Spring Term 1945

Registration	Monday, 8-12 M.	April 2
Classes begin	Tuesday, 8 A.M.	April 3
Mid-Term Reports due	Tuesday	May 15
Classes end	Saturday, 12 M.	June 16
Final Examinations begin	Monday, 8 A.M.	June 18
Final Examinations end	Friday, 4 P.M.	June 22
Alumni and Class Day	Saturday	June 23
Baccalaureate Exercises	Sunday, 10:30 A.M.	June 24
Commencement Exercises	Sunday, 3 P.M.	June 24

### Six Week

#### Summer Session 1945

Registration	Monday, 8-12 M., 1:30-4:30 P.M.	July 2
Classes begin	Tuesday, 8 A.M.	July 3
Session ends	Friday	Aug. 10

### Post-Session

Session begins	Monday	Aug. 13
Session ends	Friday	Aug. 31

### Nine Week

#### Summer Session

Registration of Freshmen	Friday, 2 P.M.	June 29
Registration of Upperclassmen	Monday, 8-12 M.	July 2
Classes begin	Tuesday, 8 A.M.	July 3
Session ends	Friday, 5:20 P.M.	Aug. 31

**CALENDAR**

**1945-46**

The opening date for the Fall of 1945 for freshmen will be Thursday, September 20. The freshman orientation period will extend from September 20 to the 24th inclusive.

The opening date for upperclassmen will be Monday, September 24, Registration Day. Classes will begin on September 25.

The details of the calendar are incomplete due to conditions incident to the war but an announcement will be made as soon as the situation permits.



## BOARD OF TRUSTEES

---

EDWARD EVERETT CHASE, B.A., President	465 Congress Street, Portland, 6
Term expires January 22, 1950	
MRS. MAYBELLE HASKELL BROWN, Clerk	P.O. Box 374, Waterville
Term expires November 20, 1947	
HARRY VICTOR GILSON, B.S., M.A., ex officio	State House, Augusta
FRANK PORTER WASHBURN	Perry
Term expires July 6, 1946	
RAYMOND WEBBER DAVIS, B.A.	Guilford
Term expires July 18, 1949	
WILLIAM STOCKDALE NUTTER, M.A.	Sanford
Term expires June 5, 1950	
HAROLD MERLE PIERCE, B.A.	P.O. Box 58, Bangor
Term expires August 2, 1945	
GEORGE SETH WILLIAMS	9 Green Street, Augusta
Term expires November 20, 1947	
FRANK WASHBURN HUSSEY, B.S.	Presque Isle
Term expires May 9, 1948	
EXECUTIVE COMMITTEE, Davis, Gilson, Williams	

**OFFICERS OF ADMINISTRATION**

**OFFICERS OF THE UNIVERSITY**

- PRESIDENT. Arthur Andrew Hauck, Alumni Hall.  
DEAN OF MEN. Lamert Seymour Corbett, Alumni Hall.  
DEAN OF WOMEN. Edith Grace Wilson, 8 Stevens Hall, South.  
REGISTRAR. James Adrian Gannett, Alumni Hall.  
ASSISTANT REGISTRAR. Evelyn Taylor, Alumni Hall.  
RECORDER. Addie Matilda Weed, Alumni Hall.  
DIRECTOR OF ADMISSIONS. Percy Fremont Crane, Alumni Hall.  
LIBRARIAN. Louis Tappe Ibbotson, Library.  
TREASURER. Frederick Shaw Youngs, Alumni Hall.  
\*BUSINESS MANAGER AND PURCHASING AGENT. Henry Leroy Doten.  
ACTING BUSINESS MANAGER. Charles Edward Crossland, Alumni Hall.  
ACCOUNTANT. Irving Pierce, Alumni Hall.  
\*STEWARD. William Carl Wells.  
ACTING STEWARD. Charlotte Osgood Fifield, Alumni Hall.  
ALUMNI SECRETARY AND EXECUTIVE SECRETARY, ENDOWMENT AND DONATIONS.  
Charles Edward Crossland, 11 Fernald Hall.  
DIRECTOR OF PLACEMENT BUREAU AND ASSISTANT ALUMNI SECRETARY. Philip Judd  
Brockway, 12 Fernald Hall.  
CATALOG EDITOR. Spofford Harris Kimball, 135 Stevens Hall.

**OFFICERS OF DIVISIONS OF THE UNIVERSITY**

- COLLEGE OF AGRICULTURE. Arthur Lowell Deering, Dean, 16 Winslow Hall.  
COLLEGE OF ARTS AND SCIENCES. Roy Merle Peterson, Acting Dean, 100 Stevens  
Hall.  
SCHOOL OF EDUCATION. Payson Smith, Acting Dean, 24 Stevens Hall, South.  
COLLEGE OF TECHNOLOGY. Paul Cloke, Dean, 12 Wingate Hall.  
GRADUATE STUDY. Roy Merle Peterson, Dean, 3 Stevens Hall, North.  
SUMMER SESSION. Roy Merle Peterson, Director, 3 Stevens Hall, North.  
AGRICULTURAL EXTENSION SERVICE. Arthur Lowell Deering, Director, 16 Winslow  
Hall.  
MAINE AGRICULTURAL EXPERIMENT STATION. Fred Griffee, Director, Holmes Hall.  
TECHNOLOGY EXPERIMENT STATION. Paul Cloke, Director, 12 Wingate Hall.

**OFFICERS OF THE DEPARTMENTS**

- AGRICULTURAL ECONOMICS AND FARM MANAGEMENT. Professor Merchant, 36  
Winslow Hall.  
AGRICULTURAL EDUCATION. Professor H. S. Hill, 22 Agricultural Engineering  
Building.  
AGRONOMY AND AGRICULTURAL ENGINEERING. Professor Libby, 2 Agricultural En-  
gineering Building.  
ANIMAL INDUSTRY. Professor Cairns, 26 Rogers Hall.  
ANIMAL INDUSTRY (AGRICULTURAL EXPERIMENT STATION). Professor Cairns, 26  
Rogers Hall.

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\* On leave of absence for military service.

\*ART. Mr. H. R. Smith.

BACTERIOLOGY AND BIOCHEMISTRY. Professor Hitchner, 13 Winslow Hall.

BOTANY AND ENTOMOLOGY. Professor Steinmetz, 24 Coburn Hall.

CHEMISTRY AND CHEMICAL ENGINEERING. Associate Professor Douglass, 263 Aubert Hall.

CHEMISTRY (AGRICULTURAL EXPERIMENT STATION). Professor Tobey, Holmes Hall.

CIVIL ENGINEERING. Professor Evans, 21 Wingate Hall.

CROPS AND SOILS (AGRICULTURAL EXPERIMENT STATION.) Professor Chucka, Holmes Hall.

ECONOMICS AND SOCIOLOGY. Professor Kirshen, 46 Stevens Hall, South.

EDUCATION. Professor Payson Smith, 24 Stevens Hall, South.

ELECTRICAL ENGINEERING. Professor Barrows, 2 Lord Hall.

ENGINEERING DRAFTING. Professor Kent, Mechanical Shops.

ENGLISH. Professor Ellis, 200 Stevens Hall.

ENTOMOLOGY (AGRICULTURAL EXPERIMENT STATION). Professor Lathrop, Holmes Hall.

FORESTRY. Professor Demeritt, 26 Winslow Hall.

FORESTRY (AGRICULTURAL EXPERIMENT STATION). Professor Demeritt, 26 Winslow Hall.

GERMAN. Professor Drummond, 325 Stevens Hall.

HISTORY AND GOVERNMENT. Professor E. F. Dow, 145 Stevens Hall.

HOME ECONOMICS. Professor Greene, 24 Merrill Hall.

HORTICULTURE. Professor Waring, Horticulture Greenhouse.

MATHEMATICS AND ASTRONOMY. Professor Kimball, 135 Stevens Hall.

MECHANICAL ENGINEERING. Professor Watson, 1 Lord Hall.

MILITARY SCIENCE AND TACTICS. Professor Alexander, Armory.

MUSIC. Professor Sprague, 15 Stevens Hall, North.

PHILOSOPHY. Professor Levinson, 335 Stevens Hall.

PHYSICAL EDUCATION. Professor Wallace, Memorial Gymnasium.

PHYSICS. Professor C. E. Bennett, 200 Aubert Hall.

PLANT PATHOLOGY. (AGRICULTURAL EXPERIMENT STATION). Professor Folsom, Holmes Hall.

POULTRY HUSBANDRY. Professor Smyth, Poultry Building.

PSYCHOLOGY. Professor Dickinson, 31 Stevens Hall, North.

PULP AND PAPER TECHNOLOGY. Professor Bray, 279 Aubert Hall.

ROMANCE LANGUAGES AND CLASSICS. Professor Peterson, 3 Stevens Hall, North.

SHORT COURSES. Director Loring, 11A Winslow Hall.

SPEECH. Associate Professor Runion, 350 Stevens Hall.

ZOOLOGY. Associate Professor Speicher, 23 Coburn Hall.

#### MAJOR ADMINISTRATIVE ASSISTANTS

PRESIDENT'S OFFICE. Florence Elizabeth Dinsmore, Secretary to the President, Alumni Hall.

DEAN'S OFFICE, COLLEGE OF AGRICULTURE. Yvonne Morin, Secretary to the Dean, 16 Winslow Hall.

DEAN'S OFFICE, COLLEGE OF ARTS AND SCIENCES. Pauline E. Willett, Secretary to the Dean, 100A Stevens Hall.

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\* On leave of absence for military service.

DEAN'S OFFICE, SCHOOL OF EDUCATION. Thelma Demont, Secretary to the Dean, 22 Stevens Hall, South.

DEAN'S OFFICE, COLLEGE OF TECHNOLOGY. Alta Claire Clifford, Secretary to the Dean, 12 Wingate Hall.

DEAN OF MEN'S OFFICE. Prudence Stormann, Secretary to the Dean, Alumni Hall.

BUSINESS MANAGER'S OFFICE. Vivian E. Cummings, Secretary to the Business Manager, Alumni Hall.

DIRECTOR OF ADMISSION'S OFFICE. Paulyne Rowell, B.A., Maine, 1927, Secretary to the Director, Alumni Hall.

DIRECTOR'S OFFICE, MAINE AGRICULTURAL EXPERIMENT STATION. Mary Norton Cameron, Secretary to the Director, Holmes Hall.

GRADUATE STUDY AND SUMMER SESSION OFFICE. Abbie Annie Dunning, Secretary to the Dean of Graduate Study and the Director of the Summer Session, 3 Stevens Hall, North.

## OTHER OFFICERS

### DIRECTORS OF THE DORMITORIES

BALENTINE HALL. Louise Augusta Follmer, Director.

COLVIN HALL. Theodora Rhoades, Director.

DELTA TAU DELTA HOUSE. Jennie Gertrude Harding, Director.

ELMS. Velma Katherine Oliver, B.A., Maine, 1925; M.A., 1938, Director.

ESTABROOKE, NORTH SECTION. Frances Kent Murray, Director.

ESTABROOKE, SOUTH SECTION. Emma Winifred Briggs, B.S., Columbia, 1924; M.A., Northwestern, 1939, Director.

SIGMA CHI HOUSE. Ida Field Sturtevant, Director.

### LIBRARY

DOROTHY SMITH McDONALD, B.S., Simmons School of Library Science, 1921, Reference Librarian.

MARY FLORENCE REED, B.A., Maine, 1929; B.S., Simmons School of Library Science, 1930, Cataloger.

SALLY PALMER BOGAN, B.A., Maine, 1927, Circulation Assistant.

ISABELL S. MORROW, Assistant.

### HEALTH SERVICE

WALTER CHARLES HALL, M.D., Director.

WALTER ROBERT GUMPRECHT, M.D., Consulting Physician.

HUGH GORDON MCKAY, M.D., University Physician, Women's Health Service.

BLANCHE IMELDA CASTONGUAY, R.N., Resident Nurse.

JULIA M. CRAWFORD, R.N., Men's Infirmary Nurse.

AGNES C. DALEY, R.N., Women's Infirmary Nurse.

MARGUERITE LOUISE GUILTE, R.N., Resident Nurse.

ELLA DEAKIN MERROW, Men's Infirmary Nurse.

**BUILDINGS AND GROUNDS**

JOHN CARROLL DEMPSEY, Superintendent of Buildings and Grounds.  
JOHN WHITE GLOVER, B.S., Maine, 1915, Steam Engineer.

**UNIVERSITY PRESS**

ROY WESLEY LIBBY, Superintendent.

**MAINE CHRISTIAN ASSOCIATION**

CHARLES EUGENE O'CONNOR, B.A., Maine, 1936, General Secretary.  
MARGARET OSTRANDER ROSE, B.A., University of Washington, 1943; Associate  
Secretary.

## FACULTY OF INSTRUCTION

---

- RUSSELL, FREMONT LINCOLN; B.S., Maine, 1885; V.S., New York College of Veterinary Surgeons, 1886; Professor Emeritus of Bacteriology and Veterinary Science; 38½ Oak Street.
- COLVIN, CAROLINE; A.B., Indiana, 1893; Ph.D., University of Pennsylvania, 1901; LL.D., Maine, 1927; Professor Emeritus of History and Government; 231 North Tenth Street, Richmond, Indiana.
- SIMMONS, GEORGE EDWARD; B.S., Ohio Northern, 1902; M.S., 1905; B.Sc., Ohio State, 1909; D.Sc., Ohio Northern, 1922; Professor Emeritus of Agronomy.
- HART, JAMES NORRIS; B.C.E., Maine, 1885; C.E., 1890; S.M., Chicago, 1897; Sc.D., Maine, 1908; Ph.D., 1922; Dean Emeritus of the University and Professor Emeritus of Mathematics and Astronomy; 67 Bennoch Street.
- PATCH, EDITH MARION; B.S., Minnesota, 1901; M.S., Maine, 1910; Ph.D., Cornell University, 1911; Sc.D., Maine, 1937; Entomologist Emeritus; Braeside, College Avenue.
- CHASE, GEORGE DAVIS; A.B., Harvard, 1889; A.M., 1895; Ph.D., 1897; LL.D., Maine, 1927; Dean Emeritus of Graduate Study and Professor Emeritus of Classics; 143 Main Street.
- DAVEE, EVERETT WILLARD; Instructor Emeritus in Mechanical Engineering; 46 College Avenue.
- WESTON, CHARLES PARTRIDGE; B.C.E., Maine, 1896; C.E., 1899; A.M., Columbia, 1902; Sc.D., Maine, 1941; Professor Emeritus of Mechanics; College Avenue.
- CHADBOURNE, AVA HARRIET; B.A., Maine, 1915; M.A., 1918; A.M., Columbia, 1919; Ph.D., 1928; Professor Emeritus of Education; Stillwater.
- HUDDILSTON, JOHN HOMER; B.A., Baldwin-Wallace, 1890; M.A., 1892; A.B., Harvard, 1893; Ph.D., Munich, 1898; L.H.D., Maine, 1942; Professor Emeritus of Ancient Civilization; 193 Main Street.
- ASHBY, STANLEY ROYAL; B.A., Texas, 1904; B.A., Oxford, 1907; M.A., 1923; A.M., Harvard, 1925; Ph.D., 1927; Professor Emeritus of English; 11 Linnaean Street, Cambridge, Massachusetts.
- WILLARD, HARLEY RICHARD; A.B., Dartmouth, 1899; A.M., 1902; A.M., Yale, 1910; Ph.D., 1912; Professor Emeritus of Mathematics and Astronomy; 97 North Main Street.

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*(Dates in parentheses indicate year of initial appointment)*

- ABBOTT, HERBERT BURR (1920); Technician, Department of Mechanical Engineering; Crosby Mechanical Laboratory.
- ALEXANDER, NEWTON WELLINGTON (1944); Lieutenant Colonel; Infantry, U. S. Army; B.S., Connecticut, 1921; M.A., Clark, 1944; Professor of Military Science and Tactics; Armory.
- \*ALLEN, GEORGE ELLIOT (1941); B.S.P.E., West Virginia University, 1935; Assistant Professor of Physical Education.

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\* On leave of absence for military service.

- ARNOLD, FRANCES ELIZABETH (1919); B.A., Maine, 1910; M.A., 1923; Assistant Professor of Romance Languages; 5 Stevens Hall, North.
- †ASHMAN, ROBERT IRVING (1930); A.B., Cornell University, 1913; M.F., Yale, 1929; Associate Professor of Forestry; 26 Winslow Hall.
- BAILEY, MARK (1920); A.B., Yale, 1915; A.M., University of Michigan, 1917; Ph.D., 1942; Professor of Speech; 240 Stevens Hall.
- BAKER, GREGORY (1935); B.S., Maine, 1924; M.F., Yale, 1939; Assistant Professor of Forestry; 24 Winslow Hall.
- BANKS, MERTON FORD (1944); B.S., Maine, 1915; Instructor in Engineering Drafting; 14 Lord Hall. (A.S.T.R.P.)
- BARROWS, WILLIAM EDWARD (1912); B.S., Maine, 1902; E.E., 1908; Professor and Head of Department of Electrical Engineering; 2 Lord Hall.
- BENNETT, CLARENCE EDWIN (1934); Ph.B., Brown, 1923; Sc.M., 1924; Ph.D., 1930; Professor and Head of Department of Physics, member of Graduate Faculty; 200 Aubert Hall.
- †BLISS, WARREN HERBERT (1931); B.S., Michigan State College, 1928; M.S., 1931; E.E., 1939; Assistant Professor of Electrical Engineering.
- BOGAN, EDGAR JUNIOR (1929); A.B., Miami (Ohio), 1926; A.M., Princeton, 1929; Assistant Professor of Chemistry; 273 Aubert Hall.
- BOWDEN, RALPH FREEMAN (1925); Technician in Department of Electrical Engineering; 12 Lord Hall.
- \*BRADT, WILBER ELMORE (1936); A.B., Indiana, 1922; M.A., 1924; Ph.D., 1926; Professor of Chemistry and Head of Department of Chemistry and Chemical Engineering.
- BRANN, BERTRAND FRENCH (1917); B.S., Maine, 1909; M.S., 1911; S.M., Massachusetts Institute of Technology, 1912; Professor of Chemistry; 221 Aubert Hall.
- BRAUTLECHT, CHARLES ANDREW (1919); Ph.B., Yale, 1906; Ph.D., 1912; Professor of Chemistry and Chemical Engineering; 333 Aubert Hall.
- BRAY, PAUL DECOSTA (1923); B.S., Maine, 1914; Ch.E., 1918; Professor of Chemical Engineering and Pulp and Paper Technology, and Head of Division of Pulp and Paper Technology; 279 Aubert Hall.
- BRICKER, HERSCHEL LEONARD (1928); A.B., Coe, 1928; Assistant Professor of Speech; 330 Stevens Hall.
- BRIGGS, EMMA WINIFRED (1942); B.S., Columbia, 1924; M.A., Northwestern, 1939; Part-time Instructor in Physical Education for Women; Alumni Hall.
- \*BRUSH, EDWARD NEWCOMB (1928); A.B., Vermont, 1925; A.M., Harvard, 1926; Ph.D., 1932; Associate Professor of Psychology.
- BRYAN, NOAH ROSENBERGER (1922); B.A., Pennsylvania State, 1913; A.M., University of Pennsylvania, 1918; Ph.D., Columbia, 1921; Professor of Mathematics; 130 Stevens Hall.
- BUZZELL, MARION STEPHANIE (1919); B.A., Maine, 1914; M.A., 1915; Assistant Professor of Romance Languages; 5 Stevens Hall, North.
- CAIRNS, GORDON MANN (1939); B.S., Cornell University, 1936; M.S., 1938; Ph.D., 1940; Professor and Head of Department of Animal Industry, member of Graduate Faculty; 26 Rogers Hall.
- CAMPANA, ROBERT JOSEPH (1944); Staff Sergeant (D.E.M.L.), U. S. Army; Instructor in Military Science and Tactics; Armory.

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† On leave of absence.

\* On leave of absence for military service.

- CASSIDY, MARGARET EILEEN (1937); Diploma, Sargent School for Physical Education, 1928; B.S. in Ed., Maine, 1939; Instructor in Physical Education for Women; Alumni Hall.
- †CAULFIELD, JOHN GEORGE LESLIE (1926); B.S., Maine, 1924; M.S., 1926; Assistant Professor of Pulp and Paper Technology.
- CAYTING, ALFRED STANLEY (1940); Part-time Instructor, Department of Music (Orchestra); B Stevens Hall, North.
- †CHADBOURNE, WALTER WHITMORE (1922); B.A., Maine, 1920; M.B.A., Harvard, 1922; Ph.D., 1935; Professor of Economics and Business Administration, member of Graduate Faculty.
- CHAPMAN, CHAUNCEY WALLACE LORD (1919); B.S., Maine, 1914; M.S., 1921; Assistant Professor of Forestry; 24 Winslow Hall.
- CLAPP, ROGER (1929); B.S., Cornell University, 1928; M.S., Maine, 1932; Associate Professor of Horticulture; Horticulture Greenhouse.
- CLOKE, PAUL (1926); E.E., Lehigh, 1905; M.S., 1913; Eng.D., Maine, 1934; Dean of the College of Technology, Director of the Technology Experiment Station, and Professor of Electrical Engineering, member of Graduate Faculty; 12 Wingate Hall.
- COFFIN, VICTOR HALFORD (1943); B.A., Maine, 1931; Instructor in Physics; 304 Aubert Hall. (A.S.T.R.P.)
- COMEGYS, ESTHER (1941); B.A., Wellesley, 1921; M.A., University of Pennsylvania, 1926; Ph.D., Radcliffe, 1941; Assistant Professor of Mathematics; 340 Stevens Hall.
- CORBETT, LAMERT SEYMOUR (1913); B.S., Massachusetts State, 1909; B.S.A., Boston University, 1909; M.S., Kentucky, 1913; Dean of Men; Alumni Hall.
- CRABTREE, KENNETH GERARD (1926); S.B., Massachusetts Institute of Technology, 1923; Assistant Professor of Electrical Engineering; 4 Lord Hall.
- \*CRAWFORD, JOHN RAYMOND (1930); B.A., Culver-Stockton, 1924; M.A., State University of Iowa, 1929; Ph.D., 1931; Associate Professor of Education and Director of Bureau of Educational Research and Service, member of Graduate Faculty.
- CREAMER, WALTER JOSEPH (1919); B.S., Maine, 1918; E.E., 1921; B.A., 1923; Professor of Communication Engineering, member of Graduate Faculty; 24 Lord Hall.
- CROFUTT, CHARLES BURTON (1926); B.A., Cornell College, 1919; M.S., State University of Iowa, 1920; Ph.D., 1923; Associate Professor of Physics; 308 Aubert Hall.
- CROSBY, RUTH (1929); A.B., Mount Holyoke, 1919; A.M., Radcliffe, 1920; Ph.D., 1929; Associate Professor of English; 230 Stevens Hall.
- CURTIS, JAMES DILLON (1939); B.A., University of British Columbia, 1929; B.A.Sc., 1930; M.F., Harvard, 1935; Associate Professor of Forestry; 24 Winslow Hall.
- CURTIS, THEODORE SMALL (1930); B.S., Maine, 1923; Faculty Manager of Athletics and Instructor in Physical Education; Memorial Gymnasium.
- DAVIES, WALLACE EVAN (1945); A.B., Colgate, 1936; A.M., Harvard, 1937; Instructor in History; 340 Stevens Hall.
- DEERING, ARTHUR LOWELL (1912); B.S., Maine, 1912; Sc.D., 1934; Dean of Agri-

† On leave of absence.

\* On leave of absence for military service.



- culture, Dean of the College of Agriculture and Director of Extension Service, member of Graduate Faculty; 16 Winslow Hall.
- † DEMERITT, DWIGHT BURGESS (1934); B.S., Maine, 1922; M.F., Yale, 1923; Professor and Head of Department of Forestry, member of Graduate Faculty; 26 Winslow Hall.
- DEVOE, IRVING WOODWARD (1942); Part-time Instructor, Department of Music (Band); C Stevens Hall, North.
- DICKINSON, CHARLES ALEXIUS (1926); A.M., Clark, 1922; Ph.D., 1925; Professor and Head of Department of Psychology, member of Graduate Faculty; 31 Stevens Hall, North.
- DORSEY, LLEWELLYN MORSE (1917); B.S., Maine, 1916; M.S., 1923; Professor of Dairy Husbandry, member of Graduate Faculty; 28 Rogers Hall.
- DOUGLASS, IRWIN BRUCE (1940); B.S., Monmouth College, 1926; Ph.D., Kansas, 1932; Associate Professor of Chemistry and Acting Head of Department of Chemistry and Chemical Engineering, member of Graduate Faculty; 263 Aubert Hall.
- DOW, EDWARD FRENCH (1929); B.S., Bowdoin, 1925; A.M., Harvard, 1926; Ph.D., 1932; Professor of Government and Head of Department of History and Government, member of Graduate Faculty; 145 Stevens Hall.
- DOW, GEORGE FARRINGTON (1934); B.S., Maine, 1927; M.S., 1929; Ph.D., Cornell University, 1938; Professor of Agricultural Economics and Farm Management; 38 Winslow Hall.
- DRUMMOND, ROBERT RUTHERFORD (1909); B.S., Maine, 1905; Ph.D., University of Pennsylvania, 1909; Professor and Head of Department of German; 325 Stevens Hall.
- ELLIOTT, WALLACE HENRY (1937); B.S., Maine, 1926; M.S., Cornell University, 1937; Assistant Professor of Agricultural Education; 22 Agricultural Engineering Building.
- ELLIS, LEOLA CHAPLIN (1942); B.A., Maine, 1917; M.A., 1934; Part-time Instructor in English; 200 Stevens Hall. (Fall Term)
- ELLIS, MILTON (1919); B.A., Maine, 1907; M.A., 1908; A.M., Harvard, 1909; Ph.D., 1913; Professor and Head of Department of English, member of Graduate Faculty; 200 Stevens Hall.
- EVANS, WESTON SUMNER (1920); B.S., Maine, 1918; M.S., 1923; Professor and Head of Department of Civil Engineering, member of Graduate Faculty; 21 Wingate Hall.
- FELCH, ADA VIOLA (1941); B.S., Middlebury, 1929; A.M., Columbia, 1939; Assistant Professor of Home Economics; 15 Merrill Hall.
- FLEWELLING, HOWARD LLOYD (1921-25) (1932); A.B., Dartmouth, 1921; M.A., Maine, 1925; Ph.D., University of Michigan, 1932; Associate Professor of English, member of Graduate Faculty; 230 Stevens Hall.
- FLYNN, CARL MUNRO (1940); B.A., Maine, 1930; M.A., Wesleyan, 1932; M.A., Harvard, 1939; Ph.D., 1940; Instructor in Zoology; 14A Coburn Hall.
- FULLER, JOHN LANGWORTHY (1937); B.S., Bates, 1931; Ph.D., Massachusetts Institute of Technology, 1935; Assistant Professor of Zoology; 25 Coburn Hall.
- GANNETT, JAMES ADRIAN (1908); B.S., Maine, 1908; M.A., 1928; Registrar; Alumni Hall.

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† On leave of absence.

- †GARDNER, LEIGH PHILBROOK (1920); B.S., Maine, 1918; M.S., 1923; Assistant Professor of Poultry Husbandry; Poultry Building.
- GASHWILER, JAY SCHOOLING (1945); B.S., Oregon State College, 1937; M.S., Maine, 1939; Instructor in Game Management; 9 Coburn Hall.
- GLANVILLE, ALBERT DOUGLAS (1937); A.B., Cornell University, 1927; M.A., Illinois, 1928; Ph.D., Cornell University, 1932; Assistant Professor of Psychology; 39 Stevens Hall, North.
- GORDON, EUGENE BRADLEY (1943); A.B., Bowdoin, 1914; Instructor in Mathematics; 340 Stevens Hall. (A.S.T.R.P.) (Fall Term)
- GOULD, GLADYS MARIE (1928); B.S., Maine, 1922; Part-time Instructor in Home Economics in charge of Student Teaching; Brewer High School.
- GREENE, PEARL STUART (1923); B.A., Northwestern, 1909; B.S., Lewis Institute, 1914; A.M., Columbia, 1923; Professor and Head of Department of Home Economics, member of Graduate Faculty; 24 Merrill Hall.
- HALL, HOWE WIGGIN (1923); B.S., Maine, 1914; M.S., 1925; Assistant Professor of Animal Husbandry; 25 Rogers Hall.
- HARDY, CLARION DEWITT (1942); B.A., Northwestern, 1932; M.A., 1933; Instructor in History and Government; 175 Stevens Hall.
- HAUCK, ARTHUR ANDREW (1934); A.B., Reed, 1915; Ph.D., Columbia, 1932; LL.D., Lafayette, 1936; LL.D., New Hampshire, 1937; LL.D., Rhode Island State College, 1943; LL.D., New Brunswick, 1943; President of the University; Alumni Hall.
- \*HIGHLANDS, MATTHEW EDWARD (1935); B.A., Maine, 1928; S.M., Massachusetts Institute of Technology, 1934; Assistant Professor of Bacteriology.
- HILL, ARTHUR ST. JOHN (1918); E.E., Polytechnic Institute of Brooklyn, 1911; M.S.E., University of Michigan, 1932; E.E., 1937; Professor of Electrical Engineering; 5 Lord Hall.
- HILL, HERBERT STAPLES (1918); A.B., Bowdoin, 1905; Professor and Head of Department of Agricultural Education; 22 Agricultural Engineering Building.
- HITCHNER, ELMER REEVE (1922); B.S., Pennsylvania State, 1915; M.S., 1916; Ph.D., Wisconsin, 1931; Professor of Bacteriology and Head of Department of Bacteriology and Biochemistry, member of Graduate Faculty; 13 Winslow Hall.
- †HOBBAH, REGINALD VYVYAN (1937); B.S., Pittsburg, 1931; M.A., 1934; Assistant Professor of Economics and Business Administration.
- HYLAND, FAY (1926); B.S., Michigan State College, 1925; M.S., Maine, 1929; Assistant Professor of Botany; 31 Coburn Hall.
- IBBOTSON, LOUIS TAPPE (1928); A.B., Hamilton, 1922; B.L.S., University of the State of New York, 1925; Librarian; Library.
- INGERSOLL, HAZEL LUELLE (1944); B.S., Nebraska, 1934; M.A., 1942; Assistant Professor of Home Economics; 11 Merrill Hall.
- JACKMAN, ERNEST DELMORE (1930); A.B., Colby, 1912; A.M., Columbia, 1924; Professor of Education and Director of Teacher Training, member of Graduate Faculty; 10 Stevens Hall, South.
- JENKINS, CHESTER ALBERT (1928); B.S., Dartmouth, 1911; M.S., Maine, 1931; Professor of Physical Education and Acting Assistant Professor of Chemistry and Biochemistry; Memorial Gymnasium.

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\* On leave of absence for military service.

† On leave of absence.

- JENNESS, LYLE CLAYTON (1923) ; B.S., New Hampshire, 1922 ; M.S., Maine, 1925 ; Associate Professor of Chemical Engineering ; 162 Aubert Hall.
- JONES, MAURICE DANIEL (1913) ; B.S., Maine, 1912 ; M.S., 1927 ; Professor of Agricultural Economics and Farm Management and Manager of University Farm ; 36 Winslow Hall.
- JORDAN, MAYNARD FRED (1919-21) (1925) ; B.A., Maine, 1916 ; M.A., 1921 ; Professor of Astronomy, member of Graduate Faculty ; 130 Stevens Hall.
- †KALES, MORRIS LIONEL (1942) ; B.S., Massachusetts Institute of Technology, 1933 ; M.S., 1934 ; Ph.D., Brown University, 1936 ; Instructor in Mathematics.
- KENT, BENJAMIN CALVIN (1918) ; B.S., Maine, 1912 ; Professor and Head of Department of Engineering Drafting ; Mechanical Shops.
- KENYON, WILLIAM CURTIS (1926) ; Instructor in Physical Education ; Memorial Gymnasium.
- KIMBALL, SPOFFORD HARRIS (1936) ; B.S., Denison, 1923 ; M.A., Pittsburg, 1925 ; A.M., Harvard, 1929 ; Ph.D., 1932 ; Associate Professor of Mathematics and Head of Department of Mathematics and Astronomy ; Catalog Editor ; Acting Director of Freshman Week, member of Graduate Faculty ; 135 Stevens Hall.
- KINGSBURY, ROBERT FREEMAN (1944) ; B.S., Bowdoin, 1934 ; M.S., Cornell University, 1939 ; Instructor in Physics ; 314 Aubert Hall.
- KIRSHEN, HIMY BENJAMIN (1929) ; B.S., Whitman, 1926 ; A.M., Columbia, 1929 ; Ph.D., Wisconsin, 1937 ; Professor of Economics and Head of Department of Economics and Sociology ; 46 Stevens Hall, South.
- KLEIN, JOHN FREDERICK (1933) ; A.B., Cornell University, 1912 ; A.M., 1913 ; Ph.D., 1920 ; Associate Professor of German ; 9 Stevens Hall, North.
- LAMOREAU, FRED LINCOLN (1930) ; B.A., Maine, 1930 ; M.A., 1934 ; Assistant Professor of Mathematics and Astronomy ; 120 Stevens Hall.
- LAMSON, HERBERT DAY (1935) ; Ph.B., Brown, 1924 ; A.M., 1925 ; A.M., Harvard, 1934 ; Ph.D., 1935 ; Associate Professor of Sociology, member of Graduate Faculty ; 42 Stevens Hall, South.
- \*LARSEN, KARL DAVIS (1934) ; B.A., Maine, 1929 ; M.A., 1930 ; Ph.D., Pennsylvania State, 1934 ; Assistant Professor of Physics.
- LEARNARD, RICHARD BENSON (1942) ; B.S., Dartmouth, 1928 ; M.A., 1930 ; Instructor in Physics ; 314 Aubert Hall.
- LEAVITT, HAROLD WALTER (1917) ; B.S., Maine, 1915 ; C.E., 1918 ; M.S., 1921 ; Professor of Highway Engineering, and Secretary and Testing Engineer, Technology Experiment Station ; 5 Wingate Hall.
- LECAIN, GEORGE HOYT (1942) ; B.S., Tufts, 1931 ; Assistant Professor of Mechanical Engineering ; 1 Fernald Hall.
- \*LEKBERG, HOWARD PARKER (1937) ; B.S., Worcester Polytechnic Institute, 1932 ; Instructor in Mechanical Engineering.
- LENGYEL, HELEN ANNA (1924) ; Diploma, Sargent School for Physical Education, 1915 ; B.A., Maine, 1927 ; M.A., 1936 ; Associate Professor of Physical Education for Women ; Alumni Hall.
- LEVINSON, RONALD BARTLETT (1926) ; A.B., Harvard, 1919 ; Ph.D., Chicago, 1924 ; Professor and Head of Department of Philosophy ; 335 Stevens Hall.
- LIBBEY, WALDO McCLURE (1944) ; B.S., Maine, 1943 ; Instructor in Electrical Engineering ; 3 Lord Hall. (A.S.T.R.P.)

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† On leave of absence.

\* On leave of absence for military service.

- LIBBY, WINTHROP CHARLES (1934); B.S., Maine, 1932; M.S., 1933; Professor of Agronomy and Head of Department of Agronomy and Agricultural Engineering; 2 Agricultural Engineering Building.
- LORING, FRED PERLEY (1934); B.S., Maine, 1916; M.S., 1936; Director of Short Courses and Assistant to the Dean of the College of Agriculture; 11A Winslow Hall.
- LUCAS, WARREN STANHOPE (1922); B.A., Maine, 1914; M.A., 1922; Associate Professor of Mathematics; 120 Stevens Hall.
- LYON, ALPHEUS CROSBY (1912); B.S., Maine, 1902; S.B., Massachusetts Institute of Technology, 1904; C.E., Maine, 1913; Professor of Hydraulic Engineering; 3 Wingate Hall.
- †MCNEARY, MATTHEW (1937); B.S., Pennsylvania State, 1932; M.S., Maine, 1941; Assistant Professor of Engineering Drafting.
- \*MARCY, ORRIN JAY (1940); B.S., Nebraska, 1939; M.S., Kansas State, 1941; Instructor in Agricultural Economics and Farm Management.
- MARTIN, FREDERIC THURMAN (1934); Ch.E., Lehigh, 1925; Ph.D., Johns Hopkins, 1929; Instructor in Chemistry; 207 Aubert Hall.
- MENDALL, HOWARD LEWIS (1937); B.A., Maine, 1931; M.A., 1934; Assistant Professor of Game Management; 9 Coburn Hall.
- MERCHANT, CHARLES HENRY (1924); B.S., Cornell University, 1920; M.S., 1922; Ph.D., 1928; Professor and Head of Department of Agricultural Economics and Farm Management, member of Graduate Faculty; 36 Winslow Hall.
- MILES, EDWIN KENNETH (1933); B.A., Lawrence, 1929; M.A., Northwestern, 1930; Ph.D., University of Pennsylvania, 1933; Assistant Professor of German; 320 Stevens Hall.
- MURPHY, JOHN JAMES (1941); B.S., Holy Cross College, 1941; Instructor in Physics; 314 Aubert Hall.
- \*MURRAY, JOSEPH MAGEE (1934); B.A., Maine, 1925; M.A., University of Michigan, 1927; Ph.D., 1929; Dean of the College of Arts and Sciences, Professor and Head of Department of Zoology.
- MUSGRAVE, MARGUERITE RUTH (1929); B.S., Columbia, 1925; A.M., 1926; Assistant Professor of Home Economics; 31a Merrill Hall.
- \*OLESON, FREDERICK BARBOUR (1938); A.B., Colby, 1938; M.S., Maine, 1940; Instructor in Physics.
- OLIVER, VELMA KATHERINE (1942); B.A., Maine, 1925; M.A., 1938; Part-time Instructor in English; 245 Stevens Hall.
- \*OTTO, CARL EVERETT (1924); B.A., Cincinnati, 1916; M.A., 1920; Ph.D., 1922; Associate Professor of Chemistry.
- \*PEDLOW, JOHN THOMAS (1936); B.S., Pennsylvania State, 1925; M.S., Rutgers, 1926; Ph.D., Pennsylvania State, 1934; Associate Professor of Biochemistry.
- PELLETIER, LAWRENCE LEE (1939); A.B., Bowdoin, 1936; A.M., Harvard, 1939; Instructor in Government; 175 Stevens Hall.
- PERKINS, HARRY ROY (1917); Instructor in Mechanical Engineering; Mechanical Shops.
- PETERSON, ROY MERLE (1918); A.B., Coe, 1906; A.M., Harvard, 1910; Ph.D., 1912; F.A.A.R.; Acting Dean of the College of Arts and Sciences, Professor and

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† On leave of absence.

\* On leave of absence for military service.

- Head of Department of Romance Languages and Classics, Director of the Summer Session, Dean of Graduate Study; 3 Stevens Hall, North.
- POOLE, ELINOR MARTIN (1944); B.A., Aurora College, 1940; Part-time Instructor in Mathematics. (A.S.T.R.P.) (Fall Term)
- PRAGEMAN, IRVING HENRY (1927); Ph.B., Yale, 1918; M.E., 1923; Professor of Mechanical Engineering; 14 Lord Hall.
- QUINSEY, DONALD LEROY (1942); B.S., University of Illinois, 1924; M.S., 1932; Ph.D., 1935; Assistant Professor of Psychology; 39 Stevens Hall, North.
- REYNOLDS, CECIL JOHN (1935); B.Sc., Mount Allison, 1926; B.A., 1927; B.A., Oxford, 1929; B.Litt., 1930; A.M., Harvard, 1932; Assistant Professor of English; 245 Stevens Hall.
- †RICH, NATHAN HAROLD (1941); B.S., Maine, 1940; Instructor in Mechanical Engineering.
- RICHARDSON, FLAVIA LUCILE (1943); B.A., Maine, 1920; M.A., 1927; Sc.D., Johns Hopkins, 1934; Instructor in Zoology; 30 Coburn Hall.
- RINKAUS, JOSEPH JAMES (1935); Technical Sergeant (D.E.M.L.), U. S. Army; Instructor in Military Science and Tactics; Armory.
- ROGERS, MARION ELIZABETH (1927); Diploma, Sargent School for Physical Education, 1927; B.A., Maine, 1930; M.A., 1936; Assistant Professor of Physical Education for Women; Alumni Hall.
- RUNION, HOWARD LUCIUS (1936); A.B., University of Michigan, 1931; M.A., 1932; Ph.D., 1936; Associate Professor and Head of Department of Speech; 350 Stevens Hall.
- \*RYCKMAN, SEYMOUR JAMES (1940); B.S., Michigan State, 1939; M.S., Missouri University, 1942; Assistant Professor of Sanitary Engineering.
- SANDERLIN, GEORGE WILLIAM (1938-1942) (1943); B.A., American University, 1935; Ph.D., Johns Hopkins, 1938; Instructor in English; 220 Stevens Hall.
- SCAMMAN, WILLIAM FRANCIS (1926); B.A., Maine, 1908; M.A., 1930; Associate Professor of English; 345 Stevens Hall.
- SELWOOD, JAMES GORDON (1941); Part-time Instructor, Department of Music (Chapel Choir and Glee Clubs); 15 Stevens Hall, North.
- †SEZAK, SAMUEL (1939); B.A. in Ed., Maine, 1931; Assistant Faculty Manager of Athletics and Instructor in Physical Education.
- SHORB, JAMES DEBARTH (1944); Second Lieutenant, U. S. Army; A.B., California, 1942; Assistant Professor of Military Science and Tactics; Armory.
- SMALL, GEORGE WILLIAM (1929); B.A., Tennessee, 1915; M.A., Johns Hopkins, 1921; Ph.D., 1922; B.Litt., Oxford, 1927; Professor of English and Coordinator of Veterans' Education; 16-18 Stevens Hall, South.
- SMITH, HARRY WOODBURY (1912); B.S., Maine, 1909; M.S., 1922; Ph.D., Rutgers, 1934; Professor of Biochemistry; 15 Winslow Hall.
- \*SMITH, HOWARD ROSS (1942); A.B., University of California, 1939; M.A., 1940; Instructor in Art.
- SMITH, LESLIE FRANCIS (1938); M.A., Glasgow University, 1926; A.M., Columbia, 1929; Ph.D., 1940; Assistant Professor of Classics; 110 Stevens Hall.
- SMITH, PAYSON (1940); A.M., Tufts, 1903; Litt.D., Bates, 1909; Litt.D., Bowdoin, 1909; Ed.D., Rhode Island State Teachers College, 1926; Ed.D., Colby, 1940; LL.D., Maine, 1908; LL.D., Norwich University, 1928; LL.D., Springfield

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† On leave of absence.

\* On leave of absence for military service.

- College, 1934; LL.D., Northeastern University, 1935; Acting Dean of the School of Education, Professor of Education, member of Graduate Faculty; 24 Stevens Hall, South.
- SMYTH, JOHN ROBERT (1929); B.S., Purdue, 1920; M.S., Kentucky, 1928; Professor and Head of Department of Poultry Husbandry; Poultry Building.
- SNYDER, MARY ELLA (1936); A.B., Gooding College, 1919; M.S., Iowa State College, 1936; Assistant Professor of Home Economics; 26 Merrill Hall.
- SPARROW, THERON ALONZO (1926); B.S., Maine, 1924; M.S., 1938; Assistant Professor of Mechanical Engineering; Crosby Hall.
- SPEICHER, BENJAMIN ROBERT (1937); A.B., Denison, 1929; M.S., Pittsburgh, 1931; Ph.D., 1933; Associate Professor and Acting Head of Department of Zoology, member of Graduate Faculty; 23 Coburn Hall.
- SPEICHER, KATHRYN GILMORE (1943); B.S., Iowa Wesleyan, 1923; M.S., University of Iowa, 1925; Ph.D., University of Pittsburgh, 1934; Instructor in Bacteriology; 13 Winslow Hall.
- SPRAGUE, ADELBERT WELLS (1916); B.S., Maine, 1905; A.M., Harvard, 1907; Professor and Head of Department of Music; 15 Stevens Hall, North.
- \*STARR, WILMARTH HOLT (1937); B.A., Wesleyan, 1934; Ph.D., Johns Hopkins, 1937; Assistant Professor of Romance Languages.
- STEDMAN, LOUISE ADELIA (1944); B.A., Iowa, 1930; M.A., 1937; Assistant Professor of Home Economics; 13 Merrill Hall.
- STEINMETZ, FERDINAND HENRY (1927); B.S., Illinois, 1915; M.S., Minnesota, 1921; Ph.D., 1926; Professor of Botany and Head of Department of Botany and Entomology, member of Graduate Faculty; 24 Coburn Hall.
- STEWART, JOHN EMMONS (1928); B.A., Maine, 1927; M.A., 1928; Assistant Professor of Mathematics; 140 Stevens Hall.
- STOECKELER, MARGARET LUCIA (1944); Boston School Museum of Fine Arts; Instructor in Art; Art Gallery.
- STORMANN, CHARLES LINWOOD (1937); Technician, Departments of Physics and Civil Engineering, and Technology Experiment Station; 102 Aubert Hall.
- STUART, RICHARD KENNETH (1940); B.S., Rhode Island State College, 1938; M.S., 1940; Instructor in Economics; 44 Stevens Hall, South.
- SWEETMAN, MARION DEYOE (1927); B.S., Iowa State College, 1921; M.S., 1922; Ph.D., Minnesota, 1927; Professor of Home Economics; 25 Merrill Hall.
- SWIFT, HAROLD CLAYTON (1920); B.S., Maine, 1918; M.S., 1923; Assistant Professor of Agronomy and Agricultural Engineering; 21 Agricultural Engineering Building.
- TAYLOR, FRANK MELROY (1940); B.S., Lafayette College, 1928; C.E., 1937; Assistant Professor of Civil Engineering; 11 Wingate Hall.
- TRACY, WILLIS HENRY, JR. (1944); First Lieutenant, Infantry, U. S. Army; Assistant Professor of Military Science and Tactics; Armory.
- TREFETHEN, JOSEPH MUZZY (1938); A.B., Colby, 1931; M.S., University of Illinois, 1932; Ph.D., Wisconsin, 1935; Associate Professor of Geology, Department of Civil Engineering; 2 Fernald Hall.
- TURNER, ALBERT MORTON (1922); A.B., Harvard, 1912; A.M., 1914; Ph.D., 1920; Professor of English and Comparative Literature; 235 Stevens Hall.
- \*VIGNERAS, LOUIS-ANDRÉ (1936); B. ès L., Université de Poitiers, 1920; B.A.,

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\* On leave of absence for military service.

- Princeton, 1921; M.A., 1922; Ph.D., Harvard, 1934; Associate Professor of Romance Languages.
- WALLACE, STANLEY MOORE (1922); Diploma, New Haven Normal School of Gymnastics, 1917; Professor and Head of Department of Physical Education; Memorial Gymnasium.
- WARD, CATHERINE MARGARET (1944); B.A., Maine, 1941; M.A., Columbia, 1942; Instructor in Romance Languages; 9 Stevens, North.
- WARING, JAMES HOWARD (1925); B.S., Pennsylvania State, 1920; M.S., 1921; Ph.D., Michigan State College, 1930; Professor and Head of Department of Horticulture, member of Graduate Faculty; Horticulture Greenhouse.
- WATSON, HARRY DEXTER (1920); B.S., Maine, 1920; M.S., 1929; Professor and Head of Department of Mechanical Engineering, member of Graduate Faculty; 1 Lord Hall.
- WENCE, MILFORD EDWARD (1937); B.A., State University of Iowa, 1933; M.A., 1934; Ph.D., 1937; Assistant Professor of English; 220 Stevens Hall.
- WHITE, CALISTA KELLEY (1938); B.S., Vermont, 1927; M.A., St. Lawrence, 1932; Instructor in Home Economics; 35a Merrill Hall.
- WHITMORE, ALBERT AMES (1915-17) (1918); B.S., Maine, 1906; M.A., 1917; Professor of History; 150 Stevens Hall.
- †WHITNEY, VINCENT HEATH (1939); A.B., University of North Carolina, 1936; M.A., 1937; Instructor in Sociology.
- WHITNEY, WALTER REGINALD (1928); B.S., Bowdoin, 1923; A.M., Harvard, 1935; Assistant Professor of English; 250 Stevens Hall.
- WILSON, EDITH GRACE (1931); B.A., Southern California, 1923; M.A., 1928; Instructor in Sociology; Dean of Women; 8 Stevens Hall, South.
- WILSON, MARGARET SCOON (1944); A.B., Cornell University, 1938; M.A., 1942; Instructor in Sociology; 42 Stevens Hall, North.
- WITTER, JOHN FRANKLIN (1932); B.S., Maryland, 1928; D.V.M., Michigan State College, 1932; Professor of Animal Pathology, member of Graduate Faculty; Poultry Building.
- \*WOODBURY, HAROLD MACE (1937); B.S., Maine, 1937; Instructor in Physical Education.
- WOOLRICH, AVIS MAXINE (1944); B.S., Texas, 1938; M.S., 1942; Instructor in Home Economics; 13 Merrill Hall.
- YOUNG, HUGH EDWIN (1943); B.S. in Ed., Maine, 1940; M.A., 1942; Instructor in Economics; 30 Stevens Hall, South.
- 
- TURNER, PERCIE HOPKINS; A.B., Smith, 1917; A.M., 1920; A.M., Radcliffe, 1923; Ph.D., 1924; Lecturer in English; 235 Stevens Hall.
- 
- CROXFORD, HORACE ALCANDER; B.A., Maine, 1930; Instructor and Critic Teacher, School of Education; Orono High School.

#### ASSOCIATES IN NURSING EDUCATION

- BOOTH, MABEL F., R.N.; Diploma in Nursing, Peter Bent Brigham School of Nursing, Boston, Massachusetts; B.S., Teachers College, Columbia University; Director of Nursing, Eastern Maine General Hospital, Bangor.

† On leave of absence.

\* On leave of absence for military service.

LENZ, MILDRED I., R.N.; Diploma in Nursing, Augustana Hospital School of Nursing, Chicago, Illinois; B.S., Western Reserve University; Director of Nurses, Central Maine General Hospital, Lewiston.

ODDY, CHRISTINA J., R.N.; Diploma, Massachusetts General Hospital Training School for Nurses, Boston, Massachusetts; B.S., Tufts College; Director, School of Nursing, Maine General Hospital, Portland.

### ARMY TRAINING SCHOOLS

#### (Army Specialized Training Advanced Program and Army Specialized Training Reserve Program)

Lieutenant Colonel Newton W. Alexander, Infantry, Commanding Officer  
 First Lieutenant Willis H. Tracy, Jr., Infantry, Company Commander  
 Second Lieutenant James D. Shorb, AUS, Adjutant and Supply Officer  
 Technical Sergeant Joseph J. Rinkaus, D.E.M.L., Sergeant Major  
 Staff Sergeant Louis F. Budz, D.E.M.L., Acting First Sergeant  
 Staff Sergeant Robert J. Campana, D.E.M.L., Supply Sergeant  
 Technician 5th Grade Thomas E. Lovett, D.E.M.L., Supply Clerk

## MAINE AGRICULTURAL EXPERIMENT STATION

### AGRICULTURAL ADVISORY COUNCIL

Appointive Members	Terms Expire
MR. ROBERT H. BOOTHBY, Livermore Falls	December 31, 1945
MR. FRED P. HAGAN, Houlton	December 31, 1945
MRS. LINWOOD KELLEY, 84 Russell St., Lewiston	December 31, 1945
MR. THOMAS MURRAY, Hampden	December 31, 1947
MR. FRANCIS BUZZELL, Fryeburg	December 31, 1947
MRS. CLEORA ADAMS, East Sumner	December 31, 1947
MR. WILSON M. MORSE, Waterford	December 31, 1948
MR. SEAVEY A. PIPER, Troy	December 31, 1948
MR. HAROLD J. SHAW, Sanford	December 31, 1948
<b>Ex Officio</b>	
President, University of Maine	ARTHUR A. HAUCK
Trustee Member	FRANK W. HUSSEY
Commissioner of Agriculture	CARL R. SMITH
Dean of Agriculture	ARTHUR L. DEERING

#### Agricultural Advisory Committee

President, University of Maine	ARTHUR A. HAUCK
Dean of Agriculture	ARTHUR L. DEERING
Director of Experiment Station	FRED GRIFFEE
Assistant Director of Extension Service	GEORGE E. LORD



## FACULTY OF INVESTIGATION

- BAILEY, RUSSELL MANLEY, B.S., Maine, 1928, Associate Geneticist.
- BAKER, GREGORY, B.S., Maine, 1924; M.F., Yale, 1939; Assistant Forester.
- BONDE, REINER, B.S., Minnesota, 1922; M.S., Maine, 1926; Ph.D., Minnesota, 1938; Associate Plant Pathologist.
- BRAUTLECHT, CHARLES ANDREW, Ph.B., Yale, 1906; Ph.D., 1912; Chemist.
- CAIRNS, GORDON MANN, B.S., Cornell University, 1936; M.S., 1938; Ph.D., 1940; Animal Husbandman.
- CHANDLER, FREDERICK BARKER, B.S., Maine, 1928; Ph.D., Maryland, 1939; Collaborating Physiologist.
- CHUCKA, JOSEPH ANTHONY, B.S., Wisconsin, 1927; M.S., 1928; Ph.D., 1930; Agronomist.
- CLAYTON, MARY MORRIS, B.S., Columbia, 1918; M.S., Rochester, 1926; Ph.D., 1929; Nutritionist.
- COBB, ROGER M., B.S., Massachusetts Agricultural College, 1927; Assistant in Entomology.
- CURTIS, JAMES DILLON, B.A., University of British Columbia, 1929, B.A.Sc., 1930; M.F., Harvard, 1935; Associate Forester.
- DEERING, ARTHUR LOWELL, B.S., Maine, 1912; Sc.D., 1934; Dean of Agriculture.
- †DEMERITT, DWIGHT BURGESS, B.S., Maine, 1922; M.F., Yale, 1923; Forester.
- DIRKS, CHARLES ORVILLE, B.S., Kansas State, 1924; M.S., Iowa State, 1925; Ph.D., Cornell, 1935; Associate Entomologist.
- DORSEY, LEWELLYN MORSE, B.S., Maine, 1916; M.S., 1923; Associate Dairy Husbandman.
- DOW, GEORGE FARRINGTON, B.S., Maine, 1927; M.S., 1929; Ph.D., Cornell University, 1938; Agricultural Economist.
- FOLSOM, DONALD, A.B., Nebraska, 1912; M.A., Minnesota, 1914; Ph.D., 1917; Plant Pathologist, member of the Graduate Faculty.
- \*GETCHELL, AMASA STANLEY, B.S., Maine, 1938; M.S., 1940; Assistant in Chemistry.
- \*GETCHELL, JOHN SIMMONS, B.A., Maine, 1936; M.S., 1939; Assistant in Bacteriology.
- GOOS, CELIA, B.S., Maine, 1943; Assistant in Home Economics Research.
- GREENE, PEARL STUART, B.A., Northwestern, 1909; B.S., Lewis Institute, 1914; A.M., Columbia, 1923; Home Economist.
- GRIFFEE, FRED, B.S., Kansas State College, 1919; M.S., Minnesota, 1920; Ph.D., 1924; Director.
- \*HARRINGTON, JOSEPH LEONARD, B.S., Maine, 1940, Assistant in Agronomy.
- HARRIS, MARION REINOEHL, B.S., California, 1923; M.S., 1927; Ph.D., Wisconsin, 1932; Assistant Plant Pathologist.
- HAWKINS, JOHN HENRY, B.S., Illinois, 1926; M.S., Maine, 1927; Ph.D., Cornell University, 1935; Associate Entomologist.
- HILBORN, MERLE TYSON, B.S., Maine, 1932; M.S., 1934; Ph.D., Yale, 1940; Assistant Plant Pathologist.
- INMAN, CHARLES CLYDE, Administrative Assistant.
- KEIRSTEAD, LLOYD GARRISON, B.S., Maine, 1933; Assistant in Chemistry.

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† On leave of absence.

\* On leave of absence for military service.

- LATHROP, FRANK HEIDTMAN, B.S., Clemson, 1913; M.S., Ohio State, 1915; Ph.D., 1923; Entomologist.
- MERCHANT, CHARLES HENRY, B.S., Cornell University, 1920; M.S., 1922; Ph.D., 1928; Agricultural Economist.
- \*MERRILL, EDWARD OSGOOD, B.S., Maine, 1938; Assistant in Chemistry.
- \*MONROE, MERNA MYRTHA, B.S., Iowa State College, 1929; M.S., Kansas State College, 1932; Assistant Home Economist.
- MOORE, MILLARD GEORGE, B.S., Maine, 1919; M.S., 1930; Assistant Chemist and Associate Bacteriologist.
- MORAN, CHARLES HENRY, B.S., Massachusetts State, 1936; M.S., 1939; Assistant Agronomist.
- MURPHY, ELIZABETH FLORENCE, B.A., Maine, 1930; M.A., 1934; Assistant Biologist.
- OGDEN, EUGENE CECIL, B.S., Michigan State, 1932; M.S., Maine, 1934; A.M., Harvard, 1936; Ph.D., 1938; Assistant Geneticist.
- PERRY, ALVAH LIONEL, B.S., Maine, 1942; Assistant in Agricultural Economics.
- PLUMMER, BERNIE ELLIOTT, JR., B.S., Maine, 1924; M.S., 1925; Chemist.
- PORTER, WESLEY FLETCHER, B.S., Maine, 1923; Assistant Entomologist.
- ROSS, ARCHIBALD FRANK, B.S., Missouri, 1933; M.A., 1934; Ph.D., Wisconsin, 1937; Biochemist.
- SCHRUMPF, WILLIAM ERNEST, B.S., Maine, 1928; M.S., 1930; Assistant Agricultural Economist.
- \*SIBLEY, CHARLES BYRON, B.S., Maine, 1937; Assistant in Bacteriology.
- SIMPSON, GEDDES WILSON, A.B., Bucknell, 1929; A.M., Cornell University, 1931; Ph.D., 1935; Associate Entomologist.
- SMYTH, JOHN ROBERT, B.S., Purdue, 1920; M.S., Kentucky, 1928; Assistant Poultry Husbandman.
- \*SNIESZKO, STANISLAS FRANCIS, Ph.D., Jagellonian University, Krakow, Poland, 1926; Assistant Plant Pathologist.
- STEINBAUER, GEORGE PETER, B.S., Minnesota, 1925; M.S., 1927; Ph.D., 1929; Seed Analyst and Associate Plant Physiologist.
- STEINMETZ, FERDINAND HENRY, B.S., Illinois, 1915; M.S., Minnesota, 1921; Ph.D., 1926; Associate Agronomist.
- TOBEY, ELMER ROBERT, B.S., Maine, 1911; M.S., 1917; Ch.E., 1920; Chemist.
- WARING, JAMES HOWARD, B.S., Pennsylvania State College, 1920; M.S., 1921; Ph.D., Michigan State, 1930; Associate Horticulturist.
- \*WATSON, ANDREW ELWELL, B.S., Maine, 1934; M.S., 1936; Assistant Agricultural Economist.
- WELLS, BEULAH OSGOOD, B.S., Maine, 1926; M.A., Columbia, 1931; Assistant in Home Economics.
- WHITE, CHARLES HARRY, Ph.C., Maine, 1899; Associate Chemist and Photographer.
- WITTER, JOHN FRANKLIN, B.S., Maryland, 1928; D.V.M., Michigan State, 1932; Associate Animal Pathologist.

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\* On leave of absence for military service

## MAINE TECHNOLOGY EXPERIMENT STATION

### BOARD OF CONTROL

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HAROLD WALTER LEAVITT, M.S., C.E.....	Secretary
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HARRY DEXTER WATSON, M.S.....	Department of Mechanical Engineering
PAUL DECOSTA BRAY, B.S., Ch.E.....	Division of Pulp and Paper Technology

### MEMBERS OF THE STATION STAFF

- ANDREW ADAMS, B.S., C.E., Research Engineer for State Highway Commission, Bridge Division.
- ‡WARREN HERBERT BLISS, M.S., E.E., Assistant Professor of Electrical Engineering.
- ROBERT BRUCE BRADFORD, B.S., Assistant Engineer, Highway Laboratory.
- CHARLES ANDREW BRAUTLECHT, Ph.D., Professor of Chemistry and Chemical Engineering.
- LYLE CLAYTON JENNESS, M.S., Associate Professor of Chemical Engineering.
- HAROLD WALTER LEAVITT, M.S., C.E., Secretary, and Testing Engineer of Highway Materials; Professor of Highway Engineering; and Testing Engineer, Maine State Highway Commission.
- ‡MATTHEW MCNEARY, M.S., Assistant Professor of Engineering Drafting.
- \*CARL EVERETT OTTO, Ph.D., Associate Professor of Chemistry.
- HORACE ASA PRATT, M.S., Assistant Engineer, Highway Laboratory.
- ‡CLAYTON LEONARD SAWYER, B.A., Assistant Chemist, Highway Laboratory.
- STANLEY JOSEPH SMITH, Technician, Highway Laboratory.
- \*JOHN HENRY SWEATT, B.A., Bituminous Chemist for the Maine State Highway Commission.
- JOSEPH MUZZY TREFETHEN, Ph.D., Associate Professor of Geology in the Department of Civil Engineering; and State Geologist.

### FACULTY OF EXTENSION SERVICE

#### (College of Agriculture)

- ARTHUR LOWELL DEERING, B.S., Maine, 1912; Sc.D., 1934; Director.
- GEORGE EDGAR LORD, B.S., Maine, 1924; Assistant Director.

\* On leave of absence for military service.

† Acting Head of Department.

‡ On leave of absence.

**State Agents**

- RAYMON NEALE ATHERTON, B.S., Maine, 1918; Extension Economist, Marketing.  
 KATHRYN ELIZABETH BRIWA, A.B., Vassar, 1915; M.A., Columbia, 1929; Ph.D., 1940; Foods Specialist.  
 CONSTANCE BLAKELY BURGESS, B.S., Wayne University, 1939; M.S., Cornell University, 1943; Home Management Specialist.  
 SUMNER ABBOTT CLAVERIE, B.S., Maine, 1943; District Extension Agent.  
 CHARLOTTE ELIZABETH CLEAVES, B.S., Maine, 1931; Clothing Specialist.  
 \*RALPH ASHTON CORBETT, B.S., Maine, 1930; Assistant Dairy Specialist.  
 CLARENCE ALBERT DAY, M.S., Maine, 1929; Extension Editor.  
 RICHARD CARLTON DOLLOFF, B.S., Maine, 1927; County Agent Leader.  
 †ALBERT KINSMAN GARDNER, B.S., Maine, 1910; Crops Specialist.  
 MILON GEORGE HUBER, B.S., Wisconsin, 1929; B.S., 1932; Extension Agricultural Engineer.  
 KENNETH COUSINS LOVEJOY, B.S., Maine, 1928; State Club Leader.  
 SMITH CHARLES MCINTIRE, B.S., Maine, 1932; State Supervisor, Emergency Farm Labor.  
 GUSTAVUS ABBOTT McLAUGHLIN, B.S., Maine, 1937; Extension Economist, Farm Management.  
 STACY ROSS MILLER, B.S., Maine, 1932; Executive Secretary.  
 ESTELLE NASON, B.S., Maine, 1922; Home Demonstration Agent Leader.  
 ALBERT DEANE NUTTING, B.S., Maine, 1927; Forestry Specialist.  
 FRANK DUDLEY REED, B.S., New Hampshire, 1929; Poultry Specialist.  
 RICHARD FOSTER TALBOT, B.S., Maine, 1907; Dairy Specialist.  
 OSCAR LEWIS WYMAN, B.S., Maine, 1926; Assistant Crops Specialist.

**County Agents**

- VERNE CURTIS BEVERLY, B.S., Maine, 1920; Aroostook County.  
 LEROY CLARK BROWN, B.S., Maine, 1941; County Agent, York County.  
 EUGENE COFFIN, B.S., Maine, 1927; Assistant County Agent, Penobscot County.  
 CHARLES LESLIE EASTMAN, B.S., Maine, 1922; Androscoggin and Sagadahoc Counties.  
 ORMAN PEARL HUNT, B.S., Maine, 1940; Somerset County.  
 HERBERT ARTHUR LEONARD, B.S., Maine, 1939; County Agent, Oxford County.  
 PAUL NEWELL MOSHER, B.S., Maine, 1941; Assistant County Agent, Aroostook County.  
 NORMAN RENFREW NESS, B.S., Maine, 1938; Franklin County.  
 WESLEY SPAULDING NORTON, B.S., Maine, 1935; Kennebec County.  
 PHILIP STEWART PARSONS, B.S., Maine, 1934; Penobscot County.  
 WALTER EDWIN POTTER, B.S., Maine, 1940; Washington County.  
 LEWIS POLLARD ROBERTS, B.S., Maine, 1931; Piscataquis County.  
 CARL ROGERS, B.S., Vermont, 1935; Hancock County.  
 WILFRED SHERMAN ROWE, Cumberland County.  
 FRED WEBSTER, Waldo County.  
 RALPH CARLTON WENTWORTH, B.S., Maine, 1918; Knox and Lincoln Counties.  
 CARL ALLEN WORTHLEY, B.S., Maine, 1936; Assistant County Agent, Aroostook County.

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\* On leave of absence for military service.

† On leave of absence.

**Home Demonstration Agents**

AVIS ELDORA ANDERSON, B.S., Maine, 1944; Somerset County.

VIRGINIA SHEPARDSON BROWN, B.S., Farmington State Normal, 1941; Oxford County.

RUTH A. CLUFF, B.S., Nasson, 1934; Kennebec County.

ELIZABETH SCAMMON COBB, B.S., Maine, 1942; Cumberland County.

DOROTHY THELMA GOODWIN, B.S., Farmington State Normal, 1943; Hancock County.

DOROTHY LEONA HODGKINS, B.S., Maine, 1943; Waldo County.

JOYCE JOHNSON, B.S., Farmington State Normal, 1938; Knox and Lincoln Counties.

OLGA MARIE LEMKE, B.S., Farmington State Normal, 1935; York County.

RUTH MACGREGORY, B.S., Simmons, 1921; Androscoggin-Sagadahoc Counties.

DOROTHY ELIZABETH PHAIR, B.S., Maine, 1940; Penobscot County.

SYLVIA POOR, B.S., Nasson College, 1941; Piscataquis County.

ELIZABETH STURTEVANT, B.S., Farmington State Normal, 1941; Aroostook County.

ELLA ELIZABETH TEAGUE, B.S., Maine, 1942; Franklin County.

LOIS E. WHITE, B.S., Maine, 1943; Washington County.

**County Club Agents**

ELIZABETH TALBOT BEARCE, Fannie Farmer School, 1943; Cumberland County.

DOROTHY JANET GILMAN, B.S., Maine, 1942; Piscataquis County.

ANNA SIMPSON HARDY, B.S., Maine, 1940; Knox and Lincoln Counties.

PAULINE EMMONS LUSH, B.S., Farmington State Normal, 1930; Hancock County.

CATHERINE CHASE POWERS, B.S., Farmington, 1942; Oxford County.

WAYNE SCHERMERHORN RICH, B.S., Maine, 1934; Androscoggin and Sagadahoc Counties.

LUCY SHEIVE, B.S., Maine, 1927; Somerset County.

EDWINA PACKARD STEWART, B.S., Farmington, 1943; Penobscot County.

MIRIAM AMELIA SWETT, B.S., Maine, 1943; York County.

CORA HELEN WEBB, B.S., Framingham Teachers College, 1941; Kennebec County.

**FACULTY COMMITTEES****1944-45**

**ADMINISTRATION**—President, College Deans, Dean of Men, Dean of Women, Business Manager, Registrar, Treasurer.

**ASSEMBLIES**—Loring, Payson Smith, Sprague, Turner, H. D. Watson.

**ATHLETICS**—Corbett, A. K. Gardner, Jordan.

**COE RESEARCH FUND**—Dickinson, Brautlecht, Griffee, A. S. Hill, Hitchner, Peterson, Steinmetz.

**ELIGIBILITY**—Gannett, T. S. Curtis, Sprague, E. G. Wilson.

**HEALTH**—Corbett, W. C. Hall, Lengyel, Wallace, E. G. Wilson.

**MAINE STUDIES**—Hitchner, Douglass, Ellis, Ibbotson, Kirshen, Peterson.

**MILITARY**—Hauck, Alexander, Cloke, Crane, Crossland, Deering, Peterson.

**PUBLICITY**—Brockway, Day, Griffee, Leavitt, Peterson, Walter Whitney.

**RADIO**—Crossland, Bailey, Creamer, Day, Lathrop, Selwood.

**SCHEDULE**—Gannett, Dorsey, Evans, Jordan, College Deans.

**SECONDARY SCHOOL RELATIONS**—Crane, Cloke, Deering, Peterson, Payson Smith.

**SCHOLARSHIPS**—Lamoreau, Bogan, Crane, Crosby, Greene, Loring, Prageman.

**SOCIAL AFFAIRS**—Stewart, Cassidy, Corbett, W. C. Libby, O'Connor, H. D. Watson, E. G. Wilson.

**WOMEN STUDENTS**—E. G. Wilson, Buzzell, Comegys, Greene, Lengyel, Woolrich.

# The University and The War

During the last few years the University of Maine has adjusted its program and devoted its resources to making the greatest possible contribution to the war effort. Some of the ways in which the University has assisted in this effort are described below. At the same time plans are being developed for the future.

## VETERANS' EDUCATION

The United States Government, through the "Service-men's Readjustment Act of 1944" (G. I. Bill), has indicated its belief in the importance of higher education for veterans and has provided means to assist them financially in obtaining university training. The University is cooperating with this program in every possible way and a group of veterans is already on the campus either beginning or continuing their college education.

In order to assist veterans to obtain the full benefits of the Readjustment Act, the University established the Office of Veterans' Education in July, 1944. The office is under the direction of Colonel G. William Small, a veteran of both World Wars, who has rejoined the faculty after two years' service in the Caribbean and at the Coast Artillery School, Fort Monroe.

The principal functions of the Office of Veterans' Education are:

1. To receive returning veterans and to prepare necessary data for the University and for the Veterans' Administration.
2. To evaluate, in cooperation with the college concerned, credits earned by the veterans while in military service.

Alumni, ex-students, and new students who desire admission under the "G. I. Bill" or information about its operation may write to the Office of Veterans' Education, South Stevens Hall, University of Maine, Orono, Maine.

## VETERANS' PLACEMENT

Plans are being made by the University Placement Bureau, in cooperation with the General Alumni Association, to assist those alumni returning from war service who wish to seek employment in civilian occupations. Preliminary information from alumni has already been obtained by means of questionnaires.

This program is being developed under the general direction of the University Placement Director, Philip J. Brockway, by an Alumni Placement Committee. The chairman of this committee is Lewis O. Barrows, Secretary of the Liberty Mutual Insurance Company, Boston, Massachusetts. Other members are: Harold P. Adams, Assistant Manager of the New England Milk Producers Association, Boston, Massachusetts; Alfred B. Lingley of the Kleistone Rubber Company, Warren, Rhode Island; Thomas G. Mangan, Manager of the International Paper Company, Lewiston, Maine; Myron Peabody, Vice President of the Federal Land Bank, Springfield, Massachusetts; Conan Priest, Manager of the Electronics Department, General Electric Company, Syracuse, New York; and J. Milton Sims, Regional Manager of the W. T. Grant Company, New York, New York.

These members of the Placement Committee will also serve as chairmen of alumni area committees in their own localities. Other alumni are being named as chairmen for similar groups in important employment centers of the northeast.

Inquiries regarding this program may be addressed by alumni or employers to the University Placement Director, 12 Fernald Hall, University of Maine, Orono, Maine.

### **WAR SERVICES**

Since the beginning of the war the University has provided additional educational opportunities during the summer beyond the former six-weeks sessions. For the summer of 1945, a session of nine weeks' duration will begin on July 2 and end on August 31. This program is in addition to the regular six-weeks Summer Session and three-weeks Post-Session. Students desiring to enter the University on either July 2 or at the beginning of the fall program on September 24 should consult the section on Admissions (see page 43).

The University has participated in the Army Specialized Training Program and the similar Reserve Program since June, 1943. Under these programs the University provides instruction in basic and advanced engineering to soldiers and seventeen-year-old reservists. Men in these programs are welcomed into the social life of the campus and are permitted by the Army to engage in certain extra curricula activities.

The University has also served for several years as a center for the training of civilians in Engineering Science, and Management War training courses. Training in various fields of study has been offered, both on the campus and in industrial centers throughout the state.

Research projects of both immediate and long-range importance in agriculture, engineering, and other fields have been carried out. The Agricultural Extension Service, Agricultural Experiment Station, and College of Agriculture have cooperated closely with farmers to help solve the many problems of food production.



## General Information

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The University of Maine is a part of the public educational system of the State. It is located in Orono, an attractive town of 3,700 population, about half way between Kittery, the most southerly town in the State, and Fort Kent on the northern boundary.

The extensive campus of over two hundred acres is situated about a mile from the business section of Orono and borders the Stillwater River, a branch of the Penobscot. The University is approximately eight miles from Bangor, the third largest city of the State, on U. S. Route 2.

**History.**—The University was established originally as the State College of Agriculture and the Mechanic Arts under the provisions of the Morrill Act, approved by President Lincoln in 1862. The next year the State of Maine accepted the conditions of the Act and in 1865 created a corporation to administer the affairs of the college. The original name was changed to the University of Maine in 1897.

The institution opened September 21, 1868, with twelve students and two faculty members; Dr. Merritt Caldwell Fernald was appointed acting president. By 1871 curricula had been arranged in Agriculture, Civil Engineering, Mechanical Engineering, and Elective. From these curricula there gradually developed the Colleges of Agriculture, Technology, and Arts and Sciences. Women have been admitted as students since 1872. The School of Education was established in 1930. The College of Law was extant from 1898 to 1920.

The Maine Agricultural Experiment Station was established as a division of the University by act of the Legislature of 1887, as a result of the passage by Congress of the Hatch Act. It succeeded the Maine Fertilizer Control and Agricultural Experiment Station, which had been established in 1885.

Graduate instruction has been given by various departments for many years. The first master's degree was conferred in 1881. Since 1923 graduate work has been a separate division in charge of a dean.

Beginning with 1902, a Summer Session has usually been held annually, consisting at first of five weeks, but now of six. It is designed primarily for teachers and educational administrators and for college students who desire to make up work.

To provide permanently for the support of the University, the Legislature in 1929 passed an act levying a tax of one mill on the general property valuation of the State.

The institution has been served by the following presidents: Rev. Charles Frederick Allen, Dr. Merritt Caldwell Fernald, Dr. Abram Winegardner Harris, Dr. George Emory Fellows, Dr. Robert Judson Aley, Dr. Clarence Cook Little, Dr. Harold Sherburne Boardman, and Dr. Arthur Andrew Hauck.

**Organization of the University.**—The University is controlled by a Board of Trustees. Seven members are appointed by the Governor of the State, with the advice and consent of the Council, for a term of seven years. One member is appointed for three years by the Governor upon the nomination of the Alumni Association. The Commissioner of Education is ex officio a member of the Board. The Board of Trustees has supreme authority in all matters pertaining to the University, and all policies applying to the University as a whole must be approved by the Board. Administrative units of the University include the Colleges of Agriculture, Arts and Sciences, and Technology, School of Education, Graduate Study, Summer Session, Agricultural Extension Service, Maine Agricultural Experiment Station,

and Maine Technology Experiment Station. Each division regulates those affairs which concern itself alone.

THE COLLEGE OF AGRICULTURE offers four-year curricula in Agricultural Economics and Farm Management, Agricultural Education, Agricultural Engineering, Agronomy, Animal Husbandry, Bacteriology, Biochemistry, Botany, Dairy Husbandry, Dairy Technology, Entomology, Forestry, Home Economics, Horticulture, Poultry Husbandry, and Wildlife Conservation. It also offers a Two-year Course in Agriculture, Short Courses in Agriculture and annually holds Farm and Home Week.

THE COLLEGE OF ARTS AND SCIENCES offers curricula in an approved field of concentration or in any of the following subjects: Art, Business Administration, Chemistry, Classics, Economics, English, Geology, German, Government, History, Mathematics, Music, Philosophy, Physics, Psychology, Romance Languages, Sociology, Speech, Theatre, and Zoology. The College also offers, in cooperation with the Eastern Maine General Hospital, three-year and five-year programs for nurses.

THE COLLEGE OF TECHNOLOGY offers curricula in Chemical Engineering with Pulp and Paper Division; Chemistry; Civil Engineering; Electrical Engineering, with elective groups of studies in Communication, and Light and Power; Engineering Physics; General Engineering; and Mechanical Engineering.

THE SCHOOL OF EDUCATION offers professional training for secondary-school teachers and prospective principals and supervisors in the public schools, and to a limited extent in elementary education. The degree of Bachelor of Arts in Education is given for those who have spent at least two years in a liberal arts college, and the degree of Bachelor of Science in Education for those who transfer from normal schools or other types of institutions.

Special curricula are also offered in commercial education, in music education, and in fine arts education for students transferring from approved institutions.

GRADUATE STUDY offers programs of study leading to the degrees of Master of Arts, Master of Science, and Master of Education in most departments. The professional degrees of Chemical Engineer, Civil Engineer, Electrical Engineer, Forest Engineer, and Mechanical Engineer are granted upon completion of the appropriate requirements.

THE SUMMER SESSION offers work in many subjects in order to enable college students to accelerate graduation, and also includes a large number of courses designed for teachers and educational administrators.

THE AGRICULTURAL EXTENSION SERVICE conducts extension work in agriculture, forestry, and home economics in cooperation with the U. S. Department of Agriculture and the county farm bureaus. It has headquarters on the University campus and county offices that serve all of the counties in Maine.

THE MAINE AGRICULTURAL EXPERIMENT STATION maintains its offices and principal laboratories at Orono. Experimental farms include Highmoor Farm at Monmouth, Aroostook Farm at Presque Isle, and Chapman Farm at Chapman.

THE MAINE TECHNOLOGY EXPERIMENT STATION maintains its offices and principal laboratories at Orono.

**Buildings.**—The following are dormitories for women.

BALENTINE HALL (1914-1916) has accommodations for 115 students and also contains an infirmary. It was named in honor of Elizabeth Abbott Balentine, secretary and registrar of the University, 1894-1913.

COLVIN HALL (1930) has accommodations for fifty-eight students. It was

named in honor of Dr. Caroline Colvin, Professor Emeritus of History and Government and the first dean of women at the University.

ESTABROOKE HALL (1940) has accommodations for 80 students, in each of its two sections. It was named in honor of Kate Clark Estabrooke, a former superintendent of the first women's dormitory, the Mount Vernon House.

THE ELMS has accommodations for fifty-four students. It is a cooperative dormitory.

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The following are dormitories for men.

HANNIBAL HAMLIN HALL (1911) has accommodations for eighty-eight students. It was named for the Hon. Hannibal Hamlin, of Hampden and Bangor, the first president of the Board of Trustees.

NORTH HALL has accommodations for thirty-five students.

OAK HALL (1937) has accommodations for ninety-five students. This building like the "Oak Hall" built in 1871, which it replaces, is named for the Hon. Lyndon Oak, of Garland, a long-time member and president of the Board of Trustees.

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The following are used mainly for administration and instruction.

ALUMNI HALL (1901) contains administrative offices, the gymnasium for women, and the Little Theatre. It received its name because of contributions made by alumni to supply a part of the funds for its erection.

ALUMNI MEMORIAL, consisting of an Indoor Field, Armory, and Gymnasium, was erected as a memorial to the Maine men who died in the service of their country in the Spanish-American and World Wars and is the gift of alumni, students, faculty, and friends of the University. The Indoor Field (1926), one of the largest in the country, provides ample facilities for indoor track, winter baseball practice, and military drill. The Armory (1926) houses offices and classrooms of the military unit, including an indoor rifle range. The Gymnasium (1933) contains the offices of the Athletic and Physical Education departments, equipment and rooms for handball, boxing, wrestling, and corrective exercise, shower and locker rooms, and an auditorium with a seating capacity of approximately 2500, used for basketball, lectures, student assemblies, banquets, and dances.

AUBERT HALL (1914) houses the Departments of Chemistry and Chemical Engineering, including the Pulp and Paper Division, and Physics. It was named in honor of Alfred Bellamy Aubert, professor of chemistry from 1874 to 1909. A wing was added in 1940 to increase the facilities in Chemical Engineering and the Pulp and Paper Division.

COBURN HALL (1888) houses the Department of Botany and Entomology and the Department of Zoology. It was named for the Hon. Abner Coburn, a former president of the Board of Trustees and benefactor of the University.

CROSBY LABORATORY (1928) contains the laboratories of the Department of Mechanical Engineering. It was named for the Hon. Oliver Crosby, Class of '76, who bequeathed \$100,000 for its construction.

FERNALD HALL (1870), the oldest building on the campus, contains offices and classrooms used by the College of Technology, the offices of the Alumni Association and the Placement Bureau, the University Store, and the quarters of the Health Department. It was named in honor of former President Merritt Caldwell Fernald.

HOLMES HALL (1888) is the building used by the Maine Agricultural Experi-

ment Station. It received its name from Dr. Ezekiel Holmes, writer, editor, and pioneer in Maine agriculture.

**LIBRARY BUILDING** (1906) was erected and furnished through the generosity of Andrew Carnegie. The Hallowell Granite Works supplied the granite at a price equivalent to a gift of several thousand dollars.

**LORD HALL** (1904) is used by the Departments of Electrical Engineering and Mechanical Engineering. It was named for the Hon. Henry Lord, a former president of the Board of Trustees.

**MERRILL HALL** (1931) is used for work in Home Economics. It was named for Dr. Leon S. Merrill, dean of the College of Agriculture from 1911 to 1933.

**ROGERS HALL** (1928) houses the divisions of Animal Husbandry and Dairy Husbandry of the Department of Animal Industry and contains laboratories for the manufacture of dairy products. It was named in honor of Dr. Lore A. Rogers, Class of '96, chief of research laboratories (retired), Bureau of Dairy Industry, U. S. Department of Agriculture.

**STEVENS HALL** (1924), with two wings constructed in 1933, supplies accommodations for the larger part of the work of the College of Arts and Sciences and also the School of Education. It was named in honor of Dr. James S. Stevens, for many years dean of the College of Arts and Sciences.

**WINGATE HALL** (1892) is used by the Departments of Civil Engineering and Engineering Drafting and in addition contains the Technology Experiment Station Laboratories. It was named for the Hon. William P. Wingate, a former president of the Board of Trustees.

**WINSLOW HALL** (1909) is used by the College of Agriculture and the Extension Service. It was named for the Hon. Edward B. Winslow, of Portland, a former president of the Board of Trustees.

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Other buildings include the Agricultural Engineering Building, Horticultural Greenhouses, Dairy Barns and Milk House, Poultry Buildings, Research Building, Stock Judging Pavilion, Mechanical Engineering Shops, Maine Christian Association Building, Observatory, Men's Infirmary, Print Shop, Home Management House, the Central Heating Plant, the President's house, several residences occupied by faculty members, and various farm buildings.

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**FRATERNITY HOUSES.**—The following fraternities have houses on or near the campus: Beta Theta Pi, Delta Tau Delta, Kappa Sigma, Lambda Chi Alpha, Phi Kappa Sigma, Sigma Alpha Epsilon, Sigma Chi, Sigma Nu, Theta Chi, Phi Eta Kappa, Alpha Gamma Rho, Alpha Tau Omega, Phi Gamma Delta, and Phi Mu Delta.

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**Athletic Fields.**—Alumni Field, so called because funds for its construction were contributed by the Alumni Association, is located at the northern end of the campus. It contains a quarter-mile cinder track, with a 220-yard straight-away, and is laid out for football and track and field athletics. The stadium seating capacity is about 10,500. The plant includes varsity and freshman baseball grounds, regarded as two of the best in New England, a freshman football field, practice football fields, seven clay and one hard-surface tennis courts, and a hammer field.

The athletic field for women on the southern end of the campus consists of a regulation hockey field, archery range, two tennis courts, and a large practice area. It is well lighted by flood lights for late afternoon activities. A field house contains

a club room, a store room for athletic equipment, and a kitchenette. Besides serving for instruction and rest for teams not in action, it is used for picnics, social gatherings, and as a reading room.

**Marine Station.**—The University of Maine Marine Biological Station is located at East Lamoine on the northeast shore of Frenchman's Bay forty-five miles from the University. The buildings provide adequate housing for laboratories, research workers, students, and faculty.

**University Farms.**—These consist of approximately 670 acres divided into two farms, one of which adjoins the campus, while the other is located in Stillwater. These farmlands, together with the campus, make the University holdings at Orono and vicinity approximately 790 acres. The University also has the use of 1,758 acres of land under lease from the government. The land under cultivation amounts to 310 acres, divided as follows: 217 acres in farm crops, 13 in orchards, 2 in a forest nursery, 12 in poultry ranges, 43 in improved pasture, 3 in gardens, and 20 in systematic forestry. About 2,100 acres are in forest and pasture land.

**The Library.**—The University library contains an estimated 201,376 volumes and pamphlets, and receives currently about 1,200 periodicals. It is a depository for both state and federal documents. As the result of a campaign by alumni, faculty, students and friends of the University, a new library building is in course of construction. With the exterior completed, further work is in abeyance until the end of the war.

The library extends its resources to other libraries, to visiting scholars, and to graduates of the University, whenever it can do so without interference with local needs.

**The University Art Collection,** developed by Dr. John H. Huddilston, Professor Emeritus of Ancient Civilization and Art History, includes materials depicting the historical development of the fine arts, beginning with the architecture of Egypt and culminating with the works of contemporary painters. Of special interest is a reproduction of Raphael's *Madonna of the Chair*, in color and on the scale of the original, including all details of frame. This picture, twenty framed prints, and several hundred photographs dealing with the classical period were presented to the University in October, 1941, by Dr. Huddilston. The collection also includes the Carnegie Art Reference Set of 2,300 reproductions.

**Scientific Collections.**—The following collections are available for purposes of class use. The biological collections are located in Coburn Hall.

**ZOOLOGY.**—These collections consist of a working collection of bird skins, a display of bird mounts, and a study collection of various other groups of both vertebrates and invertebrates. The Anson Allen collections of Invertebrates and of Maine Birds, presented by Mrs. Mattie Munson, form an important part of the whole.

**BOTANY.**—The herbarium includes several collections the most important of which is the one made by the late Rev. Joseph Blake and presented to the University by Mr. Jonathan G. Clark, of Bangor. The late Professor F. L. Harvey left to the herbarium the general collections accumulated during his connection with the University. Other important collections are Collins's Algae of the Maine Coast, Halsted's Lichens of New England, Halsted's Weeds, Ellis and Everhart's North American Fungi, Cook's Illustrative Fungi, Underwood's Hepaticae, and Cummings and Seymour's North American Lichens. At present the herbarium contains over 27,000 sheets.

**GEOLOGY.**—The geological collections of minerals, rocks, and fossils are housed on the third floor in Fernald Hall. One case containing mineralogical specimens is located in the Agricultural Engineering Building.

**University Publications.**—The following are included in the various bulletins and reports regularly issued by the University.

**THE MAINE BULLETIN** is issued monthly from August to May inclusive with two issues in the month of February and three issues in the month of March, to give information to the students, faculty, and alumni, and the general public.

**UNIVERSITY OF MAINE STUDIES, SECOND SERIES**, consists of a series of research studies by members of the faculty and graduate students, published under the direction of the Faculty of Graduate Study.

**THE ANNUAL REPORT OF THE AGRICULTURAL EXPERIMENT STATION** gives a brief summary of the progress during the year on the various research projects together with pertinent weather and financial data. **OTHER BULLETINS** present results of completed studies or certain phases of studies for which data have been obtained sufficient to warrant conclusions.

**OFFICIAL INSPECTIONS** bulletins contain the results of the work of inspection of agricultural seeds, commercial feeding stuffs, commercial fertilizers, drugs, foods, fungicides and insecticides.

**EXTENSION BULLETINS AND CIRCULARS** are issued by the Agricultural Extension Service on a wide variety of subjects relating to agriculture, home economics, and boys' and girls' 4-H clubs. Any resident of Maine may secure a list of available bulletins and circulars upon request.

**TECHNOLOGY EXPERIMENT STATION PUBLICATIONS** consist of bulletins and papers giving the results of investigations and research, and are usually sent free of charge on request.

**THE MAINE ALUMNUS**, published nine times during the academic year by the General Alumni Association, is sent to former students of the University who subscribe through the payment of alumni dues and to all alumni in military service.

Student publications are described in the section "Student Activities."

**The University Placement Bureau.**—This Bureau was established in 1935 by the University in cooperation with the General Alumni Association to offer to graduates, students, and employers a centralized placement service. Purposes of the Bureau are: (1) to recommend for employment students and graduates in all fields of work other than teaching; (2) to assist students in making contacts with business concerns in their chosen fields; (3) to cooperate with the University departments in helping students to determine the kinds of employment for which they are best fitted. The Bureau also cooperates in securing part-time work during the college year and summer employment for undergraduates. No charge to students, first-year graduates, veterans of World War II, or employers is made, although a nominal fee to cover clerical costs is charged older alumni placed through the assistance of the Bureau.

**The Registration Bureau for Teachers.**—This Bureau undertakes to assist properly qualified graduates and former students in securing positions. It is located in the office of the Dean of the School of Education in Stevens Hall and all seniors who plan to teach are urged to register. Correspondence with officials who are looking for teachers is welcomed. No fee is charged for this service to students.

**Dormitory Rooms.**—The rooms in Balentine Hall and Estabrooke Hall accommodating one or two students each, and those in Colvin Hall, accommodating two or four students each, are available to women students. The rooms in the Elms, the

cooperative dormitory for women, accommodate two or three students each. Selection for this dormitory is based on financial need, cooperation, and satisfactory scholarship.

Oak Hall, Hannibal Hamlin Hall, and North Hall are freshman dormitories for men. Men assigned to University dormitories are required to live in them throughout their freshman year and to conform to the dormitory regulations established by the Dean of Men's office. The rooms in Oak Hall and the north section of Hannibal Hamlin Hall accommodate two students each; those in the south section of Hannibal Hamlin Hall accommodate four students each. The rooms in North Hall accommodate one, two, or three students each.

Dormitory rooms are furnished with single cot size beds, mattresses, chiffoniers, desks, and chairs. Students furnish pillows, bed linen, and blankets. Dormitory residents may have their bed linen and three towels laundered each week without charge.

Dormitories will be closed to students during scheduled recess periods.

Women students not living at home are required to live in one of the women's dormitories. In exceptional cases women students are allowed to live at some boarding house approved by the Dean of Women.

**Health Service.**—The University offers certain services, including medical examination, clinic, infirmaries, and isolation, to those students paying the health fee. Students, however, are free to consult any physician they desire but at their own expense. A clinic service is available daily except Sunday. There is an infirmary for men and one for women. The University Health Service cannot treat patients suffering with chronic illnesses, those requiring surgical treatment, or those in need of the services of a specialist.

**Use of Laboratory Apparatus.**—Many laboratory courses involve instruction in and the use of various types of power equipment and laboratory apparatus. The University takes every precaution to provide competent instruction and supervision of such courses. It is expected that students will cooperate by following instructions and exercising precaution. In case an accident does occur, resulting in personal injury, the University can assume no responsibility except for medical care that is provided by the Student Health Service.

**Registration.**—Undergraduates will register in accordance with the following.

**FRESHMEN.**—All members of the incoming freshman class are **REQUIRED** to be in residence on the campus during the period known as Freshman Week. The dates are announced in the calendar in the front of the catalog. This period will be devoted to tests whereby the University authorities may obtain accurate information concerning the type and degree of mental qualifications of the new students, and to lectures and conferences by which the students may be more intelligently informed of the University and its customs.

About August 1 parents of each candidate admitted will receive from the Registrar's office a letter giving detailed instruction about arrangements for Freshman Week. Parents of candidates admitted after August 1 will receive the information at the time the candidate is admitted to the University.

**UPPERCLASSMEN.**—In the fall of 1945, upperclassmen will be required to register on the opening date, September 24, or to present written evidence that they have been allowed by their dean to register late. In other words, upperclassmen must communicate in advance with the dean of their college giving their reason for wishing to register late, and have received from him written permission to do so. In the event of an unusual circumstance wholly beyond the

control of the student, and occurring just prior to the opening of the fall term, the student may present his case in person to the dean upon his arrival at the University.

**Degrees.**—The degree of Bachelor of Arts (B.A.) with specification of the major subject, is conferred upon all students who complete a curriculum in the College of Arts and Sciences.

The degree of Bachelor of Science (B.S.) in the curriculum pursued is conferred upon students who complete the prescribed work of four years in the Colleges of Agriculture or Technology.

The degree of Bachelor of Arts in Education (B.A. in Ed.), Bachelor of Science in Education (B.S. in Ed.), Bachelor of Science in Commercial Education (B.S. in C.Ed.), Bachelor of Science in Fine Arts Education (B.S. in F.A.Ed.), or Bachelor of Science in Music Education (B.S. in Mus.Ed.) is conferred upon students who complete the prescribed work in the School of Education.

*A minimum residence of one year is required for the attainment of any Bachelor's degree.* This regulation refers to the senior year. Exceptions may be made in the case of students who have received academic credit while in war service.

No student will be recommended for a degree who, having been reported to the Committee on Student's Use of English of his college, shall have failed to satisfy the requirements of the committee.

The degrees of Master of Arts (M.A.), Master of Science (M.S.), and Master of Education (M.Ed.) are granted for one year's graduate work completed with distinction.

DEGREES WITH DISTINCTION are conferred at Commencement for the following attainments in rank:

Seniors in the Colleges of Agriculture and Technology having an average grade of 3.50 or above are graduated with highest distinction, 3.25 to 3.49 with high distinction, and 3.00 to 3.24 with distinction.

Seniors in the College of Arts and Sciences and the School of Education having an average grade of 3.75 or above are graduated with highest distinction, 3.50 to 3.74 with high distinction, and 3.25 to 3.49 with distinction.

The average grade is based on the work completed up to the beginning of the last term of the senior year. This work must include three years of resident study at the University of Maine for students in the Colleges of Agriculture, Arts and Sciences, and Technology and two years in the School of Education for students who have transferred from other institutions. Candidates in the Colleges of Agriculture, Arts and Sciences, and Technology must have completed the equivalent of eleven terms and in the School of Education five terms at the beginning of the last term of the senior year. Candidates must take their senior year at the University of Maine.

DEGREES WITH HONORS, WITH HIGH HONORS, OR WITH HIGHEST HONORS are awarded to seniors in the College of Arts and Sciences who successfully complete the Honors program.

**Grading System.**—Grades at the University are given in terms of letters. For this purpose the letters A, B, C, D, E, F, Abs., and Def. are used.

The meaning of these symbols is: A, high honors; B, honors; C, passed; D, passed unsatisfactorily; E, not passed (arrearage examination allowed in College of Agriculture); F, failed; Abs., absent from examination; Def., deficient in some specific class activity.

For purposes of comparison these letters carry the following arbitrary values:



A=4, B=3, C=2, D=1, E=0, F=-1. Each college and the School of Education sets its own graduation requirements in terms of grades or grade points.

GRADE REPORTS are sent to the parents of freshmen at the middle and end of each term and to the parents of sophomores, juniors, and seniors and graduate students at the end of each term. Grade reports for the Summer Session are sent to the parents of all students from the University who are attending the Session.

Parents are notified whenever a student is placed or continued on probation or continued on trial or when removed from probation or trial.

**Student Regulations.**—It is assumed that all students entering the University are willing to subscribe to the following: *A student is expected to show, both within and without the University, respect for order, morality, and the rights of others, and such sense of personal honor as is demanded of good citizens.*

*Freshmen are not permitted to have or operate motor vehicles at the University of Maine.* This regulation prohibits a freshman from bringing or keeping an automobile on the campus or in Orono or vicinity. Freshmen are expected to observe the spirit as well as the letter of the regulation, and the cooperation of parents is solicited in the operation of the rule. Exceptions may be made by the Deans of Men and Women in the case of freshmen who commute daily from their homes.

*Each student is expected to be present at every college exercise for which he is registered.*

Detailed information about the regulations affecting students is contained in a pamphlet entitled "Information for the Guidance of Students" obtainable at the office of the Registrar.

## STUDENT ACTIVITIES

**Cooperative Government.**—The organizations through which cooperative government is effected are the following.

THE STUDENT SENATE comprises representatives from the following groups: (a) the several fraternities, (b) the Women's Student Government, (c) the dormitories, (d) the off-campus men. As an assembly truly representative of the student body, it is recognized by the faculty and the administration as the official organ of the student body in all matters that call for discussion and adjustment between the student body and the administration. The Senate is empowered to investigate any question relative to the student body or any member thereof and to recommend action on the same to the administration. The Senate is empowered to summon before it any student or students for trial or testimony.

THE WOMEN'S STUDENT GOVERNMENT ASSOCIATION includes in its membership all women registered at the University of Maine. The purpose of the organization is to encourage among the women of the University an active sense of responsibility for self-government. The Council, composed of representatives of the several dormitories, and of the off-campus, sorority, and non-sorority women, acts as an executive committee and carries on the business of the organization.

**Religious Activities.**—The Maine Christian Association, serving students of all religious faiths, has as its object the promotion of Christian fellowship, knowledge, and service. The work is done by student committees, under the guidance of secretaries for men and women. The Association conducts religious services, discussions of practical student questions and social problems, holds retreats, sends out religious deputations to churches and schools, and in general seeks to meet the spiritual needs of the students. The secretaries act as representatives of several co-

operating denominations. The work centers in the Maine Christian Association Building, which also serves as a union building for student activities. Its rooms for reading, rest, recreation, meals, study, and worship are open all day.

Students receive a cordial welcome at the services of the churches of Orono—the Methodist Church, Church of Universal Fellowship (Community), and St. Mary's Roman Catholic Church. Other denominations are represented at Old Town and Bangor.

**Honor Societies.**—These groups recognize attainment and promise in the academic field by selecting for membership students from various divisions or departments as given in the following list. The date indicates when the chapter was established at the University.

PHI KAPPA PHI (1900).—All colleges and the School of Education.

ALPHA ZETA (1906).—Agriculture.

TAU BETA PI (1911).—Engineering.

XI SIGMA PI (1917).—Forestry.

PHI BETA KAPPA (1923).—College of Arts and Sciences.

NEAI MATHETAI (1925).—Freshman women.

OMICRON NU (1931).—Home Economics.

KAPPA DELTA PI (1932).—School of Education.

**Professional and Departmental Organizations.**—Many departments or divisions of the University sponsor an organization to bring together students having a common interest. Such clubs, with the subject in which each specializes, follow.

Professional societies:

STUDENT BRANCH OF THE AMERICAN SOCIETY OF CIVIL ENGINEERS.

BRANCH OF THE AMERICAN INSTITUTE OF ELECTRICAL ENGINEERS.

BRANCH OF THE AMERICAN SOCIETY OF MECHANICAL ENGINEERS.

BRANCH OF THE AMERICAN HOME ECONOMICS ASSOCIATION.

SCABBARD AND BLADE.—Military.

Departmental clubs:

AGRICULTURAL CLUB.

EDUCATION CLUB.

CERCLE FRANÇAIS.—French.

FORESTRY CLUB.

CIRCULO ESPAÑOL.—Spanish.

HOME ECONOMICS CLUB.

COLLEGE 4-H CLUB.

SIGMA DELTA ZETA.—Mathematics.

CONTRIBUTORS' CLUB.—Creative writing.

SIGMA MU SIGMA.—Psychology.

DEUTSCHER VEREIN.—German

**Musical Organizations.**—The following organizations, all under the supervision of the Department of Music, provide opportunity for those with interest and ability to engage in group work.

THE UNIVERSITY BAND is attached to the Military Department, rehearses weekly, and plays for various University functions, military ceremonies, and athletic events, and gives concerts. Credit is granted for band participation.

THE MEN'S GLEE CLUB AND THE GIRLS' GLEE CLUB participate both separately and in combination at assemblies, student concerts, radio broadcasts, and concerts of the Bangor Symphony Orchestra. This work carries academic credit when registered for as Mc 25, Chorus.

THE CHAPEL CHOIR, a Maine Christian Association organization, takes part in its weekly services and unites with the Glee Clubs in some of the larger events. This organization carries no academic credit.

THE UNIVERSITY ORCHESTRA devotes weekly rehearsals to the study of standard and symphonic music. Its repertoire is presented in concerts on and off the campus.

It accompanies the Glee Clubs in many presentations. Credit is granted for orchestra participation.

**The Maine Masque Theatre.**—This organization provides an opportunity for students with interest and ability to appear in public theatre performances or to assist in their production. All undergraduates in good standing at the University are eligible to participate in the activities of the Theatre and to try out for the acting roles. The Theatre presents four major productions each year and in addition gives short entertainments weekly for soldier and student recreation. Conditions for active and associate membership are established by the Masque which is under the general supervision of the Department of Speech.

**The Maine Radio Guild.**—This organization offers to all students an opportunity to take part in the University radio broadcasts in the role of announcer, actor, director, writer, or producer. It is under the general supervision of the Department of Speech in cooperation with the faculty Radio Committee.

**Social Fraternities and Sororities.**—The following fraternities and sororities have chapters at the University, the figures in parentheses giving the dates they were established.

**FRATERNITIES.**—National: Beta Theta Pi (1879), Kappa Sigma (1886), Alpha Tau Omega (1891), Phi Kappa Sigma (1898), Phi Gamma Delta (1899), Sigma Alpha Epsilon (1901), Sigma Chi (1902), Theta Chi (1907), Delta Tau Delta (1908), Lambda Chi Alpha (1913), Sigma Nu (1913), Phi Mu Delta (1923), Alpha Gamma Rho (1924), Tau Epsilon Phi (inactive) (1929). Local: Phi Eta Kappa (1906).

**SORORITIES.**—National: Alpha Omicron Pi (1908), Phi Mu (1912), Delta Delta Delta (1915), Pi Beta Phi (1920), Chi Omega (1921).

**Student Publications.**—The following are published regularly by students.

**THE MAINE CAMPUS**, a newspaper published weekly during the academic year by an editorial board composed of students.

**THE PRISM**, an illustrated annual published by the junior class.

**Debating Society.**—This society is open to all students interested in forensic work. From this group representatives are chosen to speak before luncheon clubs, grange meetings, and community gatherings, and to participate in intercollegiate debates, also members are selected to represent the University on a debating tour of eastern institutions.

The Debating Society sponsors the Women's Forum. This organization is open to all women students of the University and offers an opportunity to meet informally with members of the faculty and other guest speakers and discuss controversial subjects. The group meets informally for tea and discussion twice a month.

# Admission

## ADMISSION TO THE FRESHMAN CLASS

Candidates for admission to the freshman class should *apply to the Director of Admissions* for an application card and other necessary blanks. These blanks should be returned promptly, together with the application fee of \$10 (and room reservation deposit of \$15 if a dormitory room is desired). It is necessary to file application *early* to facilitate admission and room assignment.

The University admits men and women, both residents of Maine and non-residents; it reserves the right to terminate admission whenever the capacity of the University to care properly for the students has been reached. Graduates of accredited high schools and academies may be admitted on the basis of their school records provided they have completed, with recommending grades, a course of study preparatory to the curriculum that they wish to follow in the University, and are fully recommended by their principal. Candidates who lack recommending grades may be required to take either a scholastic aptitude test or subject matter examinations, or both, as specified by the Director of Admissions.

The University is interested in candidates whose character, scholastic attainments, aptitudes, interests, industry, and habits of study give definite promise of success in college work. The candidate is required to submit a carefully answered questionnaire concerning favorite studies, school activities, community interests, hobbies, choice of college course, choice of a life work, and other matters bearing upon preparation for a college course. This information is required so that the University may better guide the students in selecting courses of study best suited to their individual abilities, aptitudes, and interests. The principal, teachers, and adult acquaintances of the applicant are asked to give confidential information regarding character, personality, school and community activities, and ability to pursue successfully a college course. So far as possible, a personal interview will be arranged with each candidate.

It is requested that all entering students submit a certificate from a physician stating that they have been vaccinated for smallpox within the past seven years. If the applicant has not been vaccinated within this period, it is recommended that he or she be vaccinated *early in the summer* in order to be well over any effects of the inoculation before the opening of college.

**Entrance Examinations.**—Principals or prospective candidates should file examination requests with the Director of Admissions.

The examinations given by the College Entrance Examination Board and the Regents of the State of New York are accepted by the University of Maine.

**Requirements for Admission.**—During the war, unit requirements for admission to the University will be as follows:

For unconditioned admission, all colleges of the University will require fifteen units of high school work of which the following are prescribed:

English (4 years)	3 units
Algebra	1 unit
Geometry	1 unit
History	1 unit

For admission to the College of Technology, Agricultural Engineering, Bacteriology, Botany, Entomology, and Forestry, two units of Algebra are required. Chemistry and two units of Algebra are strongly recommended for girls entering the Five-Year Nursing curriculum.

ELECTIVE SUBJECTS :

Agriculture	Dramatics	Physiography
Algebra	Drawing	Physiology
Art	Foreign Languages	Problems of Democracy
Bible	General Mathematics	Solid Geometry
Biology	General Science	Speech
Botany	History	Trigonometry
Chemistry	Home Economics	Zoology
Civics	Manual Training	
Commercial Subjects	Music	
Debating	Physics	

Other elective subjects—those included in the war training program which are accepted by the school as meeting its graduation requirements.

Laboratory and non-prepared subjects are rated at one-half credit.

Technology candidates are urged to study mathematics during the last year in secondary school.

#### ADMISSION OF SPECIAL AND SHORT COURSE STUDENTS

**Special Students.**—In exceptional cases persons may be classified as special students. Such students are not candidates for degrees but will be registered by the dean or deans concerned.

**Two-Year Course in Agriculture.**—Candidates for admission to the Two-Year Course in Agriculture must have satisfactorily completed two years of high-school work. Students who contemplate transfer to the regular four-year curriculum must satisfy entrance requirements for the College of Agriculture.

#### ADMISSION BY TRANSFER

A student desiring to transfer to the University of Maine from another college of recognized standing should file application with the Director of Admissions at an early date. This request should include a statement of the names and addresses of all high schools, preparatory schools, normal schools, junior colleges, colleges, and universities attended as well as information indicating the desired curriculum.

The applicant will arrange for official transcripts and catalogs to be forwarded from all previously attended normal schools, junior colleges, colleges, and universities to the Director of Admissions, University of Maine, Orono, Maine.

# Financial Information

## STUDENT EXPENSES

**Tuition.**—The tuition charge is \$50 *per quarter* for residents of Maine and \$83.50 for non-residents. Tuition for the Two-Year Course in Agriculture is \$23.50 *per quarter*.

**Estimate of Student Expenses.**—A partial list of necessary expenses *for a quarter* is indicated below. It includes only items which are fairly uniform for all students. Rising costs may require an adjustment of these estimated charges.

Tuition (Citizens of Maine)	\$ 50.00*
Board and Room (University Dormitories)	136.00
Health Service Fee	3.00
Student Activities Fee	2.00
	<hr/>
	\$191.00

\* For Non-Residents of Maine add \$33.50.

Textbooks, personal laboratory equipment, etc., not furnished by the University may be estimated to cost from \$15 to \$25 *per quarter*. For technology students see a more detailed statement under College of Technology.

**Payment of Bills.**—All University bills including those for board and room in University buildings are payable in advance on the registration day for each quarter. In exceptional circumstances, the student may make arrangements acceptable to the Treasurer for a series of payments during the quarter.

The following table shows the fixed charges *by quarters* for freshmen.

	Due on term Registration Day
Tuition*	\$ 50.00
Room and Board (University Dormitories)†	136.00
Room Deposit**	10.00
Military Deposit‡ (Men only)	20.00
Student Activities Fee	2.00
Health Service Fee	3.00
Freshman Orientation Period	4.00
	<hr/>
	\$225.00

\* For Non-Residents of Maine add \$33.50.

† See statement under "Rooms and Board." ‡ See "Deposits."

\*\* This deposit is required only once but must be maintained at this amount during occupancy of a dormitory room.

For students who do not room and board in University dormitories, these amounts are reduced by \$146.00.

For students in the Two-Year Course in Agriculture, the quarter deposit required is \$23.50 for tuition and \$3.00 for the Health Service Fee.

For students classified as "special" § and taking less than a normal program, the rate of tuition will be \$3.50 (\$5.00 for non-residents) *per quarter* hour up to nine *quarter* hours. Full tuition will be charged for ten or more *quarter* hours.

**Fees.**—A Health Service Fee of \$3.00 *per quarter* is charged all students.

A Student Activities Fee of \$2.00 *per quarter* is charged all students except those in the Two-Year Course in Agriculture and those taking less than ten credit hours.

§ See page 44.

A fee of \$2.00 is charged a student who registers after the prescribed day of registration.

A fee of \$0.50 per quarter will be charged all women who take Physical Education.

A fee of \$1.00 will be charged each male student for a lock for his gymnasium locker.

The prescribed gymnasium uniform for women costs approximately \$18.00. Information regarding the uniform and where it may be purchased will be sent with admission cards.

All students receiving a degree are required to pay a graduation fee of \$5.00.

**Room and Board.**—Due to the difficulty of estimating the cost of food, fuel, and services, it is impossible to guarantee the exact cost of room and board. The charge for room and board for the spring quarter, 1945, is estimated to be \$136.00.

In the cooperative dormitory for women, the charge for room and board is based upon student effort in management and operation, and is at less than regular rates.

University cabins are available to a few men students at the rate of \$20.00 per student for a quarter.

All students rooming and boarding in a University dormitory during the Freshman Orientation Period will be charged \$4.00.

All University dormitories will be closed to students during scheduled recess periods.

**Deposits.**—An application deposit of \$10.00 is required at the time of application and will be applied toward payment of the first quarter's tuition. This deposit is refunded if the applicant is not admitted.

A room reservation deposit of \$15.00 is required when application is made for a University dormitory room or cabin and will be applied toward the payment of dormitory charges. The deposit will be refunded if a student withdraws at least seven weeks prior to the opening of the quarter. If notice of withdrawal is given three weeks prior to the opening of the quarter, \$10.00 will be refunded. The entire deposit is forfeited in case of withdrawal during the three weeks prior to the opening of the quarter.

All men taking military training are required to make a deposit of \$20.00 to cover cost of equipment. This deposit is returned at the end of the year, less charges for textbooks, shoes, and other uniform accessories, and lost or misused equipment.

All students living in University dormitories or cabins are required to make a room deposit of \$10.00. This will be returned at the end of the year, if there are no charges for misuse of furnishings or buildings.

Deposits are required of students who take chemistry or botany. The deposit for chemistry is \$3.00 and for botany \$2.00. Any part of the deposit not needed to cover cost of supplies and breakage is returned to the student at the end of the course.

**Refunds.**—Students who leave the University for any reason before a quarter is completed will have refunded to them prepaid tuition less charges of \$5.00 per week for State of Maine students and \$8.35 per week for others, up to and including the tenth week of each quarter. No refunds on tuition will be made to students after the tenth week.

A refund of unused prepaid room and board charges will be made.

**Student Employment.**—The University recommends that student employment and self-help, if necessary, be planned giving consideration to such important factors as health and scholastic aptitude. The Placement Director renders every possible

assistance to needy students in search of employment. Entering freshmen desiring employment should write to the Director of Admissions for an application blank. Men residing in cabins, by performing their own household tasks, materially reduce their living expenses. A cooperative dormitory is available for women.

**Communications.**—Communications with reference to financial affairs of students should be addressed to the Treasurer of the University of Maine.

### LOAN FUNDS

Application for loans should first be made to the Dean of Women by women students and to the Dean of Men by men students. Where requirements make necessary a different handling of loans, either of these officials will refer the request to the proper person.

**The American Agriculturist Foundation Loan Fund**, now amounting to \$510, was established to enable deserving junior and senior students in Agriculture and Home Economics to complete their education. The fund is administered by a loan committee, of which the Dean of the College of Agriculture is chairman.

**The American Institute of Electrical Engineers Loan Fund**, now amounting to \$285, was established by the University of Maine Branch in 1918 for the purpose of assisting needy students majoring in electrical engineering.

**The Androscoggin Valley Alumni Loan Fund**, now amounting to \$128, is available to students from Androscoggin County. Loans are not to exceed \$75 and are granted by the University Committee on Loans.

**The Bangor Business and Professional Women's Loan Fund**, now amounting to \$1,373, was established for needy and deserving women students, preferably from Bangor and vicinity, who have been in attendance at least two years and who have maintained an average grade of "C" or better. Loans shall not exceed \$250 per student.

**The Boston Alumnae Fund**, now amounting to \$882, is available for women of high scholastic standing who have completed at least two years of college work. Loans shall in no case exceed \$200.

**The Carleton Orchard Fund** originated in the gift to the State of Maine by James A. Gregory of one interest-bearing first mortgage bond for \$1,000, the interest on which was to be used for the promotion of scientific orcharding in Maine. At first administered by the Maine Department of Agriculture, the income from this bond was transferred in 1925 to the College of Agriculture of the University "for the assistance of needy students who shall be residents of the State of Maine, majoring in horticulture at the said college of agriculture."

**The Class of 1914 Loan Fund**, now amounting to \$1,062, is available for loans to needy upperclass students.

**The Class of 1926 Loan Fund for Seniors**, now amounting to \$1,570, is loaned to seniors of good scholastic standing during the last semester of their senior year. Amount loaned is \$50 per person, exceptional cases to be allowed \$100.

**The Delta Chi Alpha Loan Fund**, now amounting to \$780, is loaned to male members of the senior class whose average college grade has been "C" or better. Individual loans are limited to \$50.

**The Drummond Fund** of \$1,358 was established in memory of Frank Hayden Drummond, of Bangor, by his widow and children. It is loaned to needy students of good character who have attained an average of "C" or better.

**The Esther Eayres Chapter, Daughters of American Revolution Loan Fund**,



now amounting to \$253, is a gift of the Orono Chapter of the D.A.R. and is to be loaned to women students who are juniors or seniors.

**The General Loan Fund**, now amounting to \$4,825, was donated by friends, students, and faculty of the University. The first donation was made in May, 1930, and has been increased at various periods since that time.

**The Kappa Psi Loan Fund**, now amounting to \$282, was donated in the spring of 1933, to be used for the benefit of women students.

**The Kittredge Fund**, now amounting to \$2,975, was established by Nehemiah Kittredge, of Bangor. It is in the control of the President and the Treasurer of the University, by whom it is loaned to needy students in the three upper classes. Individual loans are limited to \$50.

**The Maine Alumni Association of Boston Loan Fund**, now amounting to \$420, was established in 1940 and aims to be helpful particularly to male students whose homes are in Massachusetts, though any male student at the University is eligible for a loan. Loans are made on the basis of need, character, scholastic standing, personality, and leadership in extracurricular activities.

**The Maine Campus Fund**, now amounting to \$620, is loaned to juniors and seniors whose conduct and scholarship are satisfactory, preference being given to those interested in the literary activities of the University. Amount loaned is limited to \$50 per person. Loans must have the endorsement of a satisfactory second party.

**The Charles H. Payson Loan Fund**, now amounting to \$6,675, was given by Mrs. Charles H. Payson, of Portland, Maine, in memory of her late husband. It is to be loaned to needy students under such conditions as may be established by the University administration.

**The Mary S. Snow Memorial Fund**, now amounting to \$5,350, was established by students and friends of Mary S. Snow, one-time superintendent of schools in Bangor, and later a leader in home economics education, as a tribute to her memory. It is to be used in helping earnest and deserving young women secure a home economics education at the University of Maine. Loans may be granted to young women of such character and scholarship as give promise that the education thus made possible will be of genuine value to the students and to society.

**The Bertha Joy Thompson Loan Fund** of \$10,000 was bequeathed, in trust, to the University of Maine by the late Mrs. Bertha Joy Thompson, of Ellsworth, Maine. The net income from the fund is to be loaned to worthy, deserving, and needy students of the University of Maine under such terms and conditions as the Board of Trustees may determine.

**The Women's Loan Fund**, now amounting to \$3,325, was established by the American Association of University Women, University of Maine Branch, in 1925. It provides for loans to undergraduate women of the University who have successfully completed one or more years of university work, and have been found by the University to be thoroughly satisfactory in regard to character, scholarship, and general ability, and to be in genuine need. Loans to one student shall not exceed \$200 a year.

## SCHOLARSHIPS

Forms for making application for scholarships may be obtained at the offices of the Deans of the various colleges and should be returned to the office of the Director of Admissions before January 5. Candidates may, if they wish, apply for particu-

lar scholarships. No student whose record is unsatisfactory will be considered eligible for any scholarship award. Unless otherwise indicated, all awards are made by the Committee on Scholarships, subject to the approval of the President. If a student to whom a scholarship has been awarded subsequently receives another award of equal or greater value, the first scholarship may be withdrawn.

*Scholarships available for graduate students are described in the section of the Catalog dealing with graduate study.*

### Trustee Undergraduate Tuition Scholarships

**The Merritt Caldwell Fernald Scholarship**, a tuition credit of \$150, established by the Trustees and named in honor of the first acting president of the University, is awarded to the junior student having the highest scholarship rank in the University.

**The James Stacy Stevens Scholarship**, a tuition credit of \$150, established by the Trustees and named in honor of the first Dean of the College of Arts and Sciences, is awarded to the highest ranking student, resident of Maine, in the junior class in that college, the winner of the Fernald Scholarship being excepted.

**The Harold Sherburne Boardman Scholarship**, a tuition credit of \$150, in Technology, in honor of the first Dean of the College of Technology and the President of the University from 1926 to 1934, is awarded on the same terms as the foregoing.

**The Leon Stephen Merrill Scholarship**, a tuition credit of \$150, in Agriculture, in honor of the Dean of the College of Agriculture from 1911 to 1933, is awarded as are the foregoing.

**The Charles Davidson Scholarship**, a tuition credit of \$150, in the School of Education, in honor of the first professor of education in the University, is awarded as are the foregoing.

**The Rising Lake Morrow Scholarship**, a tuition credit of \$150, in the College of Arts and Sciences, in honor of Doctor Morrow who was a member of the Department of History and Government from 1934 to 1944 and Acting Dean from 1942 to 1944.

**The Maine Normal School Scholarships**, three, of a tuition credit of \$150 each, are awarded on a competitive basis to Maine normal-school students who, after two years of training for elementary teaching, desire to transfer to preparation at the University for secondary-school teaching. Only those are eligible whose normal-school record places them in the highest decile of their class, whose principal recommends them as having personal qualities which indicate probable success in high-school teaching, and who enter the School of Education as juniors, *for two years* of preparation for that field.

**The Secondary School Contest Scholarships.** The Trustees in 1943 amended a previous action taken in 1931 by establishing seventeen scholarships of a tuition credit of \$150 each for the freshman year. These seventeen scholarships are awarded annually on the following basis: to each of five pupils who achieve in the Contest a standing in the first five positions on a state-wide basis; two in each of six districts (twelve in all) to each of two pupils who achieve in the Contest a standing in the first two positions in the district within which they compete. To be eligible to compete in the Contest a pupil must be a legal resident of the State of Maine, must be regularly enrolled for the first time in the fourth year of a Maine secondary school, and must have taken subjects required for admission to the University of

Maine. The Contest is held in the spring of each year and an announcement concerning it is sent to all Maine secondary school principals well in advance of the testing date. Each scholarship is awarded for one term, but is continued for the second and third terms upon evidence of satisfactory work in the University.

**The University Scholarships**, fourteen, of a tuition credit of \$150 each, established by the Trustees in 1935, are awarded annually to students of high scholastic standing and intellectual promise whose general record is also satisfactory and who are in need of financial assistance. Preference is given to students residing in the State of Maine.

#### Endowed Scholarships

**The Maria S. Appleton Fund** was established in 1939 through a bequest of \$5,000 by the late Maria S. Appleton, of Bangor, to the University of Maine Foundation. The income of this fund is to be used for scholarships to be awarded annually to deserving and needy students.

**The Appreciation Scholarship Fund** was established in 1941 by R. H. West, of the Class of 1938. Further contributions have been made by others and the fund now amounts to \$614. Awards are made from income to needy and deserving students in the College of Agriculture by a committee appointed by the Dean.

**The Hosea B. Buck Memorial Scholarships**, the income from a fund of over \$3,000 raised through the University of Maine Foundation, of which Mr. Buck was a charter member, were established in 1938 by friends and alumni of the University, in memory of Hosea B. Buck, of the Class of 1893. One or more scholarships are awarded annually to students whose high character, qualities of leadership, creditable academic record, and financial need make them worthy of scholarship aid.

**The Joseph Rider Farrington Scholarship**, the income from a \$1,000 bond, a gift of Arthur M., Edward H., Oliver C., Horace P., and Wallace R. Farrington, all graduates of the University of Maine and sons of Mr. and Mrs. Joseph Rider Farrington, is offered annually in honor of their parents, in the following order of preference: (a) Any direct descendant of Joseph Rider and Ellen Holyoke Farrington, or anyone whom three of such descendants may select; (b) Any student bearing the surname of Farrington or Holyoke; (c) A high-ranking student in the College of Agriculture of good character and personality who, in the judgment of the Faculty Committee on Scholarships, is most deserving of the award.

**The Eugene Hale Scholarship Fund** of \$1,200 was established by Mrs. Eugene Hale and her two sons, Frederick Hale and Chandler Hale, in honor of the late United States Senator Eugene Hale. The income is utilized in awarding one scholarship yearly to a boy or girl entering the College of Agriculture who is or has been a 4-H club member. The award is to be based on his or her record as a 4-H club member, on scholarship, character, and qualities of leadership. The award will be made by a committee appointed by the Dean of the College of Agriculture.

**The James Norris Hart Scholarships**, the income from a fund of \$7,000 raised through the University of Maine Foundation in 1937 by alumni, faculty, and friends, in honor of Dean Emeritus James Norris Hart, are awarded annually to entering students or upperclassmen who have made satisfactory scholastic records, who have been leaders in extracurricular activities, and who merit and need financial aid.

**The Philip R. Hathorne Scholarship** was established in 1936 through a be-

quest of \$5,000 by the late David Ernest Hathorne, of Woolwich, Maine, and an additional gift of \$2,000 by Mrs. Carrie E. Hathorne, as a memorial to their son, Philip R. Hathorne, of the Class of 1923. The income is used to help needy students in the Civil Engineering curriculum, preference to be given to natives of Maine.

**The Hovey Memorial Scholarships**, made available by a fund of \$5,900, established in 1932 by the Stone and Webster Corporation and its employees in honor of the late Francis J. Hovey, are awarded to students in the College of Technology, on the basis of scholastic attainment, character, and general promise. A scholastic standing of at least 3.00 must be attained to be eligible, and must be maintained during tenure. Award is made by the Dean and the heads of the departments in the College, subject to the approval of the President, with preference given to students residing in the State of Maine.

**The Carrol C. Jones Scholarship**, the net income from a fund of \$1,000 bequeathed by Minnie E. Jones, of Solon, in memory of her son, Carrol C. Jones, of the Class of 1914, is awarded annually to the student who makes the greatest improvement in his or her college work during the freshman year.

**The Kidder Scholarship**, endowed in 1890 by Dr. Frank E. Kidder, of Denver, Colorado, a graduate of the University in the Class of 1879, is awarded by the Committee on Scholarships, with the approval of the President, to a student whose rank excels in his junior year.

**The Maine Farm Bureau Fund Scholarship**, the income from a fund of \$3,000, is awarded annually to a junior or senior student, resident of Maine, in the College of Agriculture, on a basis of character, scholarship, financial need, and qualities of leadership. The Dean of the College of Agriculture, the Secretary of the Farm Bureau Federation, and the Accountant of the University constitute the committee on award.

**The Calvin H. Nealley Scholarships** were established in 1942 through a gift of \$5,000 by Mr. Calvin H. Nealley of the Class of '92. The net income of the fund is to be used for scholarships for needy men students of the University whose homes are in Maine; whose character, industry, and promise make them worthy of assistance in obtaining their education.

**The William Emery Parker Scholarship**, the income from a \$1,000 bond donated by the late Hosea B. Buck, of the Class of 1893, in memory of William Emery Parker, of the Class of 1912, is awarded annually to that male student of the sophomore or junior class who, in addition to being above the average rank scholastically, shows most clearly those qualities of manliness, honesty, and constructive effort which characterized the college career of the alumnus in whose memory the scholarship is given.

**The Charles H. Payson Scholarships**, \$100 each, were established in 1935 through a gift of \$20,000 made by Mrs. Charles H. Payson, of Portland, in memory of her late husband. These are awarded to students in the University whose homes are in Maine and whose high character, qualities of leadership, creditable academic record, and financial need make them worthy of scholarship aid, or to entering students of outstanding merit who without financial assistance could not attend the University.

**The Stanley Plummer Scholarship**, the income from \$1,000, the bequest of Colonel Stanley Plummer, of Dexter, Maine, is awarded annually to a needy and deserving student selected by the Committee on Scholarships. Students born in Dexter, Maine, shall have preference.

**The Anne E. Stodder Scholarship Fund** was established in 1943 through a

bequest of \$50,000 by the late Mrs. Anne E. Stodder of Bangor, Maine. The net income of the fund is to be used for the assistance of needy and deserving students in obtaining their education under such University regulations as may apply to the award of scholarships.

**The Bertha Joy Thompson Scholarships**, established in 1935 through a bequest of \$15,000 by the late Mrs. Bertha Joy Thompson, of Ellsworth, are awarded to students whose qualities of character, scholarship, initiative, and need make them worthy of financial assistance.

**The Charles F. Woodman Fund**, amounting to over \$17,000, was established in 1939 through a bequest by the late Charles F. Woodman, of Auburn, Maine. The net income is to be used annually under the direction of the President and Trustees of the University for the assistance of deserving and needy students, "especially poor boys who are desirous and willing to work and earn an education."

### Annual Scholarships

**The Elizabeth Abbott Balentine Scholarship**, \$75, the gift of the Gamma Chapter of Alpha Omicron Pi, is awarded by the Committee on Scholarships to a woman student, on recommendation of the Chapter with the approval of the President, on a basis of scholarship and individual need.

**The Stanley D. Gray Scholarship Fund**. The University has received from Miss Lula D. Eames, Trustee U/W of the late Stanley D. Gray, \$3000 to be used as stipulated in the late Mr. Gray's will: "In such way as most effectively to aid in securing a liberal education to such student, male or female, whose father or mother was a Gray descended from one of the name who settled in what is now Hancock Co., Maine, prior to the year eighteen hundred, as may be decided upon as most worthy of aid. Any superintendent of schools of any town in said County of Hancock may recommend students for such aid."

**The Great Atlantic and Pacific Tea Company Scholarships**, four scholarships of \$75 each, are available to students in Home Economics on the basis of character, financial need, promise of leadership, and scholarship, with special consideration to needs of entering students. Four scholarships of \$100 each are available to juniors and seniors majoring in Agricultural Economics and Farm Management, on the basis of character, scholarship, qualities of leadership and interest in distribution and marketing. Awards are made by a committee comprising the Dean of the College of Agriculture, the head of the department concerned, and one or more members appointed by the Dean.

**The Charles H. Hood Dairy Foundation Scholarships**, seven, of \$200 each, are available to men and women four-year students of the College of Agriculture whose intention is to promote farming as a life opportunity, and two, of \$100, are available to second year students of the Two-Year Course in Agriculture whose ultimate objective is employment on or operation of a commercial dairy farm. They are awarded by a committee comprising the Dean of the College of Agriculture, the head of the Department of Animal Industry, and the Treasurer of the University. The four-year scholarships are distributed as follows: Two sophomore and two junior scholarships are granted to students whose scholastic standing for the previous year places them in the upper half of their class; and three senior scholarships are granted to students whose scholastic standing for the previous year places them in the upper third of the class. The junior and senior scholarships are further restricted to students specializing in some phase of dairy industry promotion.

**The Maine Federation of Women's Clubs Scholarship Fund**, a gift of \$200 from the Maine Federation to be used during 1944-45 for aiding a student or students studying nursing or medical technology.

**The Sears-Roebuck Agricultural Foundation Scholarships**, fourteen, of \$100 each, established in 1940, are available to Maine farm boys entering as freshmen in the four-year course in agriculture. The award is made by a committee comprising the Dean of the College of Agriculture and such others as he may designate. The awards are to be based on character, scholarship, qualities of leadership, and financial need. An additional scholarship of \$200 is to be awarded to that sophomore who as one of the winners of the Freshman Scholarships achieves the most satisfactory record and is considered to be the most deserving from the standpoint of financial need and otherwise by the committee on awards.

**The WGAN Radio Station Scholarships**, four scholarships of \$100 each, are available to students in the College of Agriculture who may have been or are 4-H Club members. Preference is given to juniors and seniors who have been outstanding in 4-H club work. Awards are made on the basis of character, scholarship, financial need, and qualities of leadership by a committee appointed by the Dean of the College of Agriculture.

**The Women's Student Government Association Scholarships**, of \$50 each, are awarded to deserving women students who are in need of financial assistance and whose conduct and scholarship record are satisfactory. Award is made by the Committee on Scholarships on recommendation of the Dean of Women and the Student Council.

#### Alumni Scholarships

**The Class of 1905 Scholarship**, the income from a \$1,000 bond, donated by members of the Class of 1905, is awarded to a man of the freshman class pursuing a regular curriculum, whose department is satisfactory, and who attains the highest rank in the mid-year examinations.

**The Class of 1909 Scholarship**, the income from a fund of \$1,000 presented to the University of Maine Foundation by the members of the Class of 1909 at their twenty-fifth reunion, is used for scholarship awards to worthy students in need of financial aid.

**The Class of 1911 Scholarship**, the income from a fund of \$2,500 donated to the University of Maine Foundation in 1936, is awarded annually to an upperclass student of good character and satisfactory conduct and rank, who possesses qualities of leadership and who needs and merits financial aid. Special consideration is given to sons and daughters of members of the Class.

**The Class of 1916 Scholarship**, the income from a fund of \$1,000 donated to the University of Maine Foundation in 1941, is awarded annually to a student of good character who needs and merits financial aid.

**The Lincoln County Alumni Association Scholarship**, \$50, established in 1935, is awarded annually to an upperclassman whose home is in Lincoln County, on a basis of satisfactory academic record and conduct, qualities of leadership, and financial need.

**The Ohio Alumni Association Scholarship**, \$50, established in 1934, is awarded annually to a student whose character, scholarship, and need justify the award.

**The Penobscot County Alumni Association Scholarship**, \$50, established in 1920, is awarded by the President, the executive secretary of the General Alumni Association, and the Committee on Scholarships to a male student whose home is in

Penobscot County, who is found to be needy and deserving, and whose scholarship and conduct are satisfactory.

**The Philadelphia Alumni Association Scholarship**, \$50, established in 1935, is awarded annually to some needy and deserving student, with preference given to the vicinity of Philadelphia.

**The Portland Alumnae Association Scholarship**, \$50, established in 1938, is awarded annually to a deserving upperclass woman whose home is in Cumberland County. The award is made upon the basis of need of financial assistance, satisfactory record and conduct, and evidence of qualities of leadership and of scholastic attainment.

**The Western Pennsylvania Alumni Association Scholarship**, \$30, established in 1905, is awarded annually to a member of the junior class in the College of Technology whose ability and needs justify the award. The selection is made by the President and the Dean and professors of the College of Technology.

**The Worcester County, Massachusetts, Alumni Association Scholarship**, \$50, established in 1935, is awarded annually to a worthy student from Worcester County, preferably an entering freshman.

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**Class of 1915 Student Aid Fund**, the income from a fund of \$2,500 given in trust to the University of Maine Foundation, is to be used by the President of the University at his discretion for assisting needy students in such manner and amounts as he deems expedient.

## PRIZES

### Endowed Prizes

**The Prize of the Class of 1873**, the income from \$1,000, the gift of Russell W. Eaton, of Brunswick, a member of the Class of 1873, is awarded annually to that member of the sophomore class who is able to show the greatest improvement in mechanical drawing during the first two years of his college course. It is expected that candidates for this prize shall have had no training in mechanical drawing previous to entering the University.

**The Claude Dewing Graton Prize**, the income from four shares of stock donated by Mr. Graton, of the Class of 1900, is awarded annually to a regularly enrolled undergraduate student under twenty-five years of age who shall have written the best essay on some current constitutional question. Entry for competition should be made with the Professor of Government before January 1.

**The Henry L. Griffin Prize in English Composition**, established in honor of the late Rev. Henry L. Griffin, of Bangor, is awarded by the Department of English for excellence in the freshman course in composition. The chief basis of the award is a competition in writing held during the month of April.

**The Robert C. Hamlet Prize**, \$25, established in 1935, in accordance with the will of Mr. Hamlet, a graduate of the University in the Class of 1925, is awarded annually to that student in the University who shall have written the best original one-act play during the year of award. The judges are the Dean of the College of Arts and Sciences, the head of the Department of English, and the president of the Maine Masque.

**The Maine Hardwood Association Fund.**—The income from a fund of \$1,144, established in 1939, is awarded as prizes to students in the Forestry curriculum who present the best contributions in the form of essays on the subject of the

marketing and utilization of Maine hardwoods. The rules of competition and the awarding of such prizes are to be determined by a committee consisting of the head of the Forestry Department and one or more other faculty members, appointed by the President of the University.

**The John M. Oak Scholarship**, the income from a fund of \$1,500, established in 1935 by the estate of Mr. Oak, a graduate of the Class of 1873 and a Trustee of the University from 1908 to 1915, for the advancement of the art of public speaking in the University, is awarded annually to those upperclass students who deliver the best speeches of the persuasive type in a contest held for that purpose.

#### Annual Prizes

**The Alpha Omicron Pi Alumnae Prize**, \$10, given by the Bangor Alumnae Chapter, is awarded annually to the woman student showing the greatest improvement in her work during her freshman year. The record at the Registrar's office, showing the comparison of grades of the fall semester with those of the spring semester, shall furnish the basis of award.

**The Chi Omega Sociology Prize**, \$25, is offered annually by the Chi Omega Sorority, in accordance with its national policy, to the woman student in the sophomore or junior class who secures the highest grade in the beginner's course in sociology. General deportment and interest in the study of sociology may also be considered in determining the award, which is to be used for further undergraduate study.

**The Carl Whitcomb Meinecke Award**, the gift of Mrs. Carl W. Meinecke in memory of her late husband, is presented to a junior or senior majoring in the Department of Civil Engineering. The award is made on the basis of character, scholarship, and promise by the Dean of the College of Technology and the head of the Department of Civil Engineering.

**The Mu Alpha Epsilon Award**, \$55, is given annually by the honorary musical society to a sophomore, junior, or senior showing promising musical talent who has had at least one year of participation in music at the University of Maine. The recipient, who must show the need of financial aid and be of acceptable academic standing, will be chosen by Mu Alpha Epsilon after audition. The award must be used for instruction in applied music and shall not be given to the same student two years in succession.

**The Pale Blue Key Award**, \$50, is given each year to some member of the freshman class who needs help, has shown promise in track athletics in his freshman year, and has maintained a satisfactory scholarship standing. The award is made by a committee comprising the president of the Pale Blue Key, the coach of track athletics, and a member of the faculty to be chosen by the club, subject to the approval of the President. The winner will be given the award upon his return to the University in his sophomore year. Applications must be made in writing and sent to either the coach of track athletics or the president of the Pale Blue Key before May 1.

**The Hardison Essay Prize**, the gift of Helen Crane Hardison, of the class of 1937, is awarded by the Department of English to the senior major student submitting the best critical essay as a part of the comprehensive major examinations in English.

**The Sigma Mu Sigma Award**, \$25, is given annually by the honorary society Sigma Mu Sigma to a member of the current sophomore or junior class who shall



have completed at least a semester and a half of the introductory course in General Psychology, on a basis of proficiency, interest, and general promise in the subject. Nominations for the award are made to the president of the society by the instructors in the course about the middle of the spring semester, and it becomes available upon the student's return to the University in the following semester.

**The Spanish Club Prize**, \$10, is awarded annually by the Circulo Español for excellence in Elementary Spanish to a freshman student, on the basis of a competitive examination.

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**The Class of 1908 Commencement Cup**, donated by the Class of 1908, is awarded at Commencement to that graduate class the largest percentage of whose living members register before six o'clock on Alumni Day.

**The President's Cup**, named in honor of the presiding officer of the General Alumni Association, is awarded at Commencement to that graduate class having the largest total number of members registered before six o'clock on Alumni Day.

**The Twentieth Century Cup**, given by the New York Alumni Association, is awarded annually at Commencement to that graduate class in the Twentieth Century group, the largest percentage of whose members register before six o'clock on Alumni Day.

**The Fraternity Scholarship Cup** is awarded to the fraternity having the highest standing in scholarship for the preceding calendar year. The cup becomes the permanent property of the fraternity to which it is awarded the greatest number of times during an eleven-year period. The original cup was presented by the 1910 Skulls and was renewed in 1921 for an eleven-year period by the 1921 Skulls, and in 1932 by the 1932 Skulls. The first cup was awarded permanently in 1921 to Phi Eta Kappa, the second in 1932 to Lambda Chi Alpha, and the third in 1943 to Alpha Gamma Rho.

**The Charles Rice Cup**, presented in 1921 by the Kappa Sigma Fraternity in honor of Charles Anthony Rice, of the Class of 1917, who was killed in service, is held for one year by the team winning the Intramural Track Championship.

**The Intramural Plaques** are presented each year by the Intramural Athletic Association to the fraternities making the best showing in each major intramural sport, and an all-point plaque is given to that fraternity which makes the best performance in all the sports.

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**The Washington Alumni Association Watch** is presented annually by the Alumni Association of Washington, D. C., to the male member of the graduating class who, in the opinion of the students and the University administration, has done the most for the University during his course. This award is made as the result of a secret ballot by the students, passed upon by the President and the Administrative Committee.

**The Portland Alumnae Memorial Watch** is presented annually by the Portland Club of University of Maine Women to the woman member of the graduating class who, in the opinion of the students and the University administration, has done the most for the University during her course. This award is made as a result of a secret ballot by the students, passed upon by the President and the Administrative Committee.

# College of Agriculture

The College of Agriculture comprises the Departments of Agricultural Economics and Farm Management, Agricultural Education, Agronomy and Agricultural Engineering, Animal Industry, Bacteriology and Biochemistry, Botany and Entomology, Forestry, Home Economics, Horticulture, Poultry, Short Courses, and Extension Service. This college offers to young men and women an opportunity to secure a broad education and thorough training in the sciences and technics relating to the major course of study they may elect to pursue. It aims to prepare them for lives of usefulness as citizens of the State and for effective service in their chosen vocations or professions.

## GENERAL INFORMATION

The four-year curricula in the College of Agriculture require the completion of 220½ credit hours,\* with the exception of those of Forestry and Home Economics, which comprise 229½ and 192 credit hours respectively. In addition each student must accumulate a total of grade points equal to the number of credit hours required for graduation in the curriculum chosen. These grade points are computed by multiplying each credit of the letter grade by a factor as follows: A by 3, B by 2, C by 1, and D by 0. Upon the completion of the required curriculum, with the necessary number of grade points, the student will be recommended for the degree of Bachelor of Science (B.S.).

All students registered in the College of Agriculture should obtain summer work in their respective major fields in order to prepare themselves better for future entrance into those fields.

Students who contemplate entering chemical work related to agriculture should elect the courses offered in Biochemistry covering the qualitative and quantitative chemical analysis of feeds, fertilizers, and dairy products.

Students desiring to specialize in the botanical or entomological aspects of Forestry may offer freshman and sophomore years in Forestry as equivalent to the first two years' work in Agriculture and register in the curriculum in Botany and Entomology in the junior year.

**Regular Curricula and Courses of Instruction.**—The courses of instruction are organized as follows:

1. Four-Year Major Agricultural Curricula:

Agricultural Economics and Farm Management, Agricultural Education, Agricultural Engineering, Agronomy, Animal Husbandry, Bacteriology, Biochemistry, Botany and Entomology, Dairy Husbandry, Dairy Technology, Horticulture, and Poultry Husbandry

2. Four-year Forestry Curricula:

Forestry, Wildlife Conservation

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\* The term "credit hour" in the present catalog refers to the credit earned for study during a twelve-week quarter. One of these credit hours is equivalent to two-thirds of one obtained for a semester's work. Thus a student who has already acquired a number of semester credit hours may find the equivalent number of quarter hours on multiplying by three-halves.

3. Four-year Home Economics Curricula:
  - Vocational Sequences
    1. Home Economics Education
    2. Extension-Home Demonstration or 4-H Club Work
    3. Foods and Nutrition
    4. Textiles and Clothing
    5. Child Development and Training
    6. General Home Economics and Special Sequences
4. The Two-Year Course in Agriculture
5. Short Courses in Agriculture
6. Farm and Home Week

### THE FOUR-YEAR AGRICULTURAL CURRICULA

Certain studies are fundamental to all work in the agricultural field and for this reason as many of these subjects as possible are offered in the first year, during which the student has no choice in their selection. Beginning with the sophomore year, each student should start specialization in one of the following major curricula: Agricultural Economics and Farm Management, Agricultural Education, Agronomy, Animal Husbandry, Biochemistry, Dairy Husbandry, Dairy Technology, Horticulture, or Poultry Husbandry. In Agricultural Engineering, Bacteriology, and Botany and Entomology, specialization begins with the freshman year.

These curricula are designed for those who wish to engage in the business of farming, for those contemplating the special fields open in each of the major lines of study, and for those desiring to enter a field of public service for which training in agriculture is requisite. In addition to those mentioned above there are many other opportunities open to the college trained man in the agricultural and associated industries. In all cases the student has the privilege of seeking guidance and advice from the administration executives of the College of Agriculture, from the heads of departments, and from any member of the teaching force.

**Training for the Business of Farming.**—The student contemplating the operation of a farm after graduation may be interested in obtaining specialized training in one particular phase of agricultural production, or he may desire a generalized training. To meet his specific needs he has the choice of several major fields of study, and by the proper selection of elective subjects he may broaden his agricultural training as much as he wishes.

**Special Vocations.**—The curricula of the agricultural division of the College of Agriculture offer courses of study to those individuals desiring to equip themselves for some particularly specialized agricultural or scientific vocation. Here a common freshman-year course of study (except for those interested in Bacteriology, or Botany and Entomology) is found. Certain basic sciences are required along with fundamental agricultural subjects in order that a proper foundation may be laid upon which specialized plans of study can be developed to suit individual needs.

**Preparation for Public Service.**—Federal, state, and local public service agencies offer numerous opportunities for employment for men trained in agriculture. These agencies include Federal and state experiment stations, state colleges of agriculture, secondary schools, agricultural extension services, and Federal and

state administrative bureaus in the fields of regulation, agricultural credit, agricultural adjustment, farm security, and soil conservation.

Specialized training for these fields of public service may be secured by the proper selection of a major agricultural curriculum and the use of electives in supplementing technical training in agriculture with courses in public speaking, economics, sociology, finance, business law, and history and government.

**Agricultural and Associated Industries.**—Within the industry of agriculture are found many special industries devoted to the processing and marketing of agricultural products in addition to the several branches of raw material production. In turn these industries are constantly calling upon associated industries for equipment, supplies, and services. Thus the student especially inclined toward some one of the many fields of technical endeavor to be found in these industrial branches may equip himself for it by a proper selection of curriculum.

### **SPECIAL STUDENTS IN AGRICULTURE**

Persons not candidates for a degree who desire to take special studies may be permitted to do so, if, upon examination, they give evidence of satisfactory preparation. This privilege is intended only for students of unusual maturity (at least twenty-one years of age) or previous advancement in particular subjects, and not for those who are incompetent to pursue a regular course. If they subsequently desire to become candidates for a degree, they will be required to meet all the entrance requirements.

The annual expenses for courses of one year or more are the same as those for students in the four-year curricula.

### **SHORT COURSES IN THE COLLEGE OF AGRICULTURE**

Short Courses of twelve weeks duration are offered to young men and adults who are engaged in or are about to engage in agricultural pursuits and who desire to devote some time to the securing of definite instruction in the field of their special interests.

Courses are available each term of the regular academic year in Dairy Farming, Dairy Manufactures, Farm Mechanics, Fruit and Vegetable Farming, Ornamental Horticulture, Potato Farming, and Poultry Farming. A registration of five is the minimum number for which a course may be given.

Applicants for admission must be at least sixteen years of age and have had a good common school education. Information concerning Short Courses may be secured by addressing the Director of Short Courses, College of Agriculture.

### **FARM AND HOME WEEK**

There is a large number of people who cannot come to the college for a great length of time but who desire a few days of practical instruction. To reach and accommodate these, "Farm and Home Week" is held. Lectures on practical agricultural subjects are given morning, afternoon, and evening. Practical demonstrations occupy a part of each afternoon. Besides the practical subjects discussed, one or more sessions are given up to problems of rural betterment. Considerable emphasis is placed on agricultural marketing problems peculiar to Maine. The homemaking program includes the various phases of home management and is of interest to both rural and urban homemakers. Dates and programs may be secured each year by addressing the College of Agriculture.

### **THE EXTENSION SERVICE**

The Extension Service is organized as a department of the College of Agriculture. It operates under the provisions of the Smith-Lever, Capper-Ketcham and Bankhead-Jones Acts, receiving its funds from State and Federal sources.

Its personnel is made up of two groups of agents. One group, the County Extension Agents, consists of agricultural agents, home demonstration agents, and club agents, having their headquarters within the counties which they serve. The other group, the State Agent force, consists of a limited number of specialists and leaders having their headquarters at the University but working with and assisting the County Extension Agents.

The Extension Service, through these men and women, gives direct assistance to people living on the farms and in the rural and urban homes of this state. The Farm Bureau, an organization having a membership of more than 16,000 men and women, cooperates with the Extension Service in the determination and development of its county and community programs of work.

### **IDENTIFICATION, TESTING, DIAGNOSTIC, AND CORRESPONDENCE SERVICE**

The College of Agriculture provides a service for the identification of plant specimens, the diagnosis of plant and animal diseases, and the testing of soils and materials. In addition the College welcomes inquiries on practical agricultural, forestry, and home economics subjects. Extension bulletins dealing with different phases of these subjects are published at frequent intervals throughout the year and will be sent without cost to persons applying for them. A list of bulletins and circulars available for distribution will be forwarded on request.

**FRESHMAN CURRICULUM IN AGRICULTURE**

The curriculum for the Freshman Year for all students following Four-Year Curricula in Agriculture.

FALL TERM				WINTER TERM			
Subject		Hours		Subject		Hours	
		Rec.	Lab. Cr.			Rec.	Lab. Cr.
Ch 1a	General Chemistry	2	4 4	Ag 11	Field Crops	3	2 4
Eh 1a	Freshman Comp.	3	0 3	An 2	Gen. Animal Husb.	3	2 4
Mt A	Military Training	2	1 1½	Ch 1b	Gen. Chemistry	2	4 4
Ph 1	Gen. Poultry Husb.	3	2 4	Eh 1b	Freshman Comp.	3	0 3
Pt 1	Phy. Education	0	2 0	Mt B	Military Training	2	1 1½
Zo 1	Gen. Zoology	3	4 5	Pt 2	Phy. Education	0	2 0
	or		or		Elective		2
Bt 1	Gen. Botany	3	4 5				
		<hr/>				<hr/>	
		17½				18½	

SPRING TERM			
Subject		Hours	
		Rec.	Lab. Cr.
Bt 1	Gen. Botany	3	4 5
	or		
Zo 1	Gen. Zoology	3	4 5
Ch 1c	Gen. Chemistry	2	4 4
Eh 1c	Freshman Comp.	3	0 3
Ht 2	Gen. Horticulture	3	3 4
Mt C	Military Training	2	1 1½
Pt 3	Phy. Education	0	2 0
		<hr/>	
		17½	

## DEPARTMENTS OF INSTRUCTION

*Courses numbered 1-50 are for undergraduates only; courses numbered 51-100 are primarily for upper classmen and graduates; courses numbered above 100 are primarily for graduates.*

*The quarter (Fall, Winter, or Spring) in which a course is regularly offered is designated by the letter F, W, or S in parenthesis directly after the name of the course. If the course is continued through two or three quarters, the letters a, b or a, b, c appear directly after the course number. In all such cases the first term course may be taken by itself, but the second can not be taken prior to the first.*

## AGRICULTURAL ECONOMICS AND FARM MANAGEMENT

PROFESSORS MERCHANT, JONES, AND DOW; MR. MARCY‡

	HOURS PER WEEK		
	REC.	LAB.	CR.
48. Agricultural Economics. (S)	4	—	4
52. Farm Accounting. (F)	2	4	4
61. Agricultural Business Accounting. (F)	3	2	4
65. Forest Accounting. (F)	3	2	4
73. Advanced Agricultural Economics. (W)	4	—	4
74. Farm Management. (S)	5	3	6
75. Agricultural Statistics. (F)	2	4	4
76. Agricultural Marketing. (S)	4	—	4
77. Agricultural Finance. (S)	4	—	4
78. Marketing Potatoes. (W)	3	—	3
79. Cooperation in Agriculture. (F)	4	—	4
84. Thesis. (F,W,S)			Ar.
86. Marketing Apples and Small Fruit. (W)	2	—	2
87. Agricultural Prices. (F)	5	—	5
88. Marketing Dairy Products. (W)	4	—	4
89. Marketing Poultry Products. (S)	4	—	4
91. Land Utilization. (W)	5	—	5
92. Rural Tax Problems. (S)	3	—	3
101. Production Costs. (F)	2	—	2
102. Advanced Agricultural Statistics. (S)			Ar.
103. Advanced Farm Management. (W)			Ar.
104. Advanced Agricultural Marketing. (W)			Ar.
125. Graduate Thesis. (F,W,S)			Ar.

## COURSES IN RURAL SOCIOLOGY

24. Rural Sociology. (F)	3	—	3
64. Community Organization and Leadership. (W)			
Prerequisite, Course 24 or Sociology 1.	3	—	3

‡ On leave of absence for military service.

**CURRICULUM IN AGRICULTURAL ECONOMICS AND FARM MANAGEMENT**

**Sophomore Year**

FALL TERM				WINTER TERM			
Subject		Hours		Subject		Hours	
		Rec.	Lab. Cr.			Rec.	Lab. Cr.
Ag 1	Soils .....	3	2 4	*Ag 14	Sweet Corn, Beans, Peas .....	2	2 3
An 21	Livestock Feeding.....	3	4 5	Bc 8	Agr. Chemistry .....	3	0 3
Dh 1	Gen. Dairying .....	3	2 4	Bt 45	Gen. Genetics .....	4	0 4
Es 2a	Prin. of Economics.....	3	0 3	Es 2b	Prin. of Economics .....	3	0 3
Mt D	Military Training .....	2	1 2	Mt E	Military Training.....	2	1 2
Pt 4	Phy. Education .....	0	2 0	Pt 5	Phy. Education.....	0	2 0
					Elective .....	7 or	4
			<hr/>				<hr/>
			18				19

**SPRING TERM**

Subject		Hours	
		Rec.	Lab. Cr.
*Ag 16	Forage & Pasture Crops .....	2	2 3
Es 2c	Prin. of Economics .....	3	0 3
Fm 48	Agr. Economics .....	4	0 4
Mt F	Military Training .....	2	1 2
Pt 6	Phy. Education .....	0	2 0
	Elective .....	10 or	7
			<hr/>
			19

**Junior Year**

Rec. Lab. Cr.			Rec. Lab. Cr.		
*Ag 15	Potato Production .....	3 2 4	Eh 5b	Tech. Comp. ....	2 0 2
By 3	Gen. Bacteriology .....	3 0 3	Fm 73	Adv. Agr. Economics .....	4 0 4
Eh 5a	Tech. Comp. ....	2 0 2	Pt 8	Phy. Education.....	0 3 0
Fm 61	Agri. Bus. Acctg.....	3 2 4		Elective .....	13
	or				
Fm 52	Farm Accounting .....	2 4 4			
Fm 75	Agr. Statistics .....	2 4 4			
Pt 7	Phy. Education.....	0 3 0			
	Elective .....	6 or 2			
		<hr/>			<hr/>
		19			19

\* Only one course required (Ag 14, 15, or 16).

**SPRING TERM**

Subject		Hours	
		Rec.	Lab. Cr.
Fm 76	Agr. Marketing .....	4	0 4
Pt 9	Phy. Education.....	0	3 0
	Elective .....		15
			<hr/>
			19



## Senior Year

FALL TERM				WINTER TERM			
Subject		Hours		Subject		Hours	
		Rec.	Lab. Cr.			Rec.	Lab. Cr.
Fm 79	Coop. in Agriculture	4	0 4	Pt 11	Phy. Education	0	3 0
Fm 87	Agricultural Prices	5	0 5		Marketing Elective	4	0 4
Pt 10	Phy. Education	0	3 0		Other Elective		14
	Elective		9				
				<hr/>			
						18	18

## SPRING TERM

Subject		Hours		
		Rec.	Lab.	Cr.
Fm 74	Farm Management	5	3	6
Fm 77	Agr. Finance	4	0	4
Pt 12	Phy. Education	0	3	0
	*Marketing Elective	4	0	4
	Other Elective			4
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18				

\* Not required if taken in Winter Term.

## AGRICULTURAL EDUCATION

PROFESSOR HILL; ASSISTANT PROFESSOR ELLIOTT

	HOURS PER WEEK		
	REC.	LAB.	CR.
3. Special Methods in Teaching Agriculture. (F)	3	—	3
5. Supervised Farm Practice. (F)	3	—	3
6. Special Methods in Teaching Agriculture. (S)	3	—	3
8. Methods of Teaching Farm Shop. (S)	3	—	3
101.* Current Problems in Agricultural Education.			

\*Offered in summer for agricultural teachers, 1 to 3 credits.

Students who wish to qualify for appointment as teachers of vocational agriculture may do so by taking either a major or a minor in Agricultural Education. Those who major will follow the prescribed curriculum.

Those who minor must elect all the courses given by Department of Agricultural Education and in addition Agronomy 41, 42, 43 and 44.

## CURRICULUM IN AGRICULTURAL EDUCATION

## Sophomore Year

Rec. Lab. Cr.				Rec. Lab. Cr.			
Ag 1	Soils	3	2 4	Bc 2	Biochemistry	4	4 6
An 21	Livestock Feeding	3	4 5	Bc 8	Agri. Chemistry	3	0 3
Bc 1	Organic Chemistry	3	2 4	Mt E	Military Training	2	1 2
Mt D	Military Training	2	1 2	Pt 5	Phy. Education	0	2 0
Pt 4	Phy. Education	0	2 0	Py 1b	Gen. Psychology	2	2 3
Py 1a	Gen. Psychology	2	2 3		Elective		5
				<hr/>			
						18	19

SPRING TERM

Subject		Hours		
		Rec.	Lab.	Cr.
En 21	Gen. Entomology.....	3	4	5
Fm 48	Agr. Economics .....	4	0	4
Fy 20	Woodlot Forestry.....	1	3	2
Mt F	Military Training .....	2	1	2
Py 1c	Gen. Psychology.....	2	2	3
Pt 6	Phy. Education .....	0	2	0
	Elective .....			3
				19

Junior Year

FALL TERM

WINTER TERM

Subject		Hours			Subject		Hours		
		Rec.	Lab.	Cr.			Rec.	Lab.	Cr.
Ae 3	Special Methods in Teaching Agri.....	3	0	3	Ag 41	School Shop .....	0	3	1
By 3	Gen. Bacteriology.....	3	0	3	Eh 5b	Tech. Comp.....	2	0	2
Dh 1	Gen. Dairying.....	3	2	4	Pt 8	Phy. Education.....	0	3	0
Eh 5a	Tech. Comp.....	2	0	2		Elective .....			15
Pt 7	Phy. Education.....	0	3	0					
	Elective .....			6					
				18					18

SPRING TERM

Subject		Hours		
		Rec.	Lab.	Cr.
Ae 6	Special Methods in Teaching Agriculture...	3	0	3
Ag 6	Fertilizers .....	3	0	3
Ag 16	Forage & Pasture Crops .....	2	2	3
Ag 36	Farm Power.....	3	3	4
Ag 42	School Shop .....	0	3	1
Fm 76	Agr. Marketing .....	4	0	4
Pt 9	Phy. Education.....	0	3	0
				18

Senior Year

		Rec. Lab. Cr.					Rec. Lab. Cr.		
Ae 5	Supervised Farm Practice .....	3	0	3	Ag 43	School Shop .....	0	3	1
Ag 15	Potato Production.....	3	2	4	Fm 73	Adv. Agri. Econ.....	4	0	4
Ag 35	Drainage & Land Reclamation .....	3	3	4	Pt 11	Phy. Education.....	0	3	0
Ag 30	Farm Machinery.....	3	3	4		Elective .....			14
Fm 52	Farm Accounting.....	2	4	4					
Pt 10	Phy. Education.....	0	3	0					
				19					19

## SPRING TERM

Subject		Hours			
		Rec.	Lab.	Cr.	
Ae	8	Methods of Teaching			
		Farm Shop	3	0	3
Ag	44	School Shop			
			0	3	1
Fm	74	Farm Management			
			5	3	6
Pt	12	Phy. Education			
			0	3	0
		Elective			
					9
<hr/>					
19					

## AGRONOMY AND AGRICULTURAL ENGINEERING

PROFESSOR LIBBY; ASSISTANT PROFESSOR SWIFT

## COURSES IN SOILS AND FERTILIZERS

	HOURS PER WEEK		
	REC.	LAB.	CR.
1. Soils. (F)	3	2	4
3. Soils (Forest). (F)	3	2	4
6. Fertilizers. (S) Prerequisite, Course 1.	3	—	3
51. Soil Fertility. (W) Prerequisite, Course 1.	3	—	3
52. Soil Classification, Surveying, and Mapping. (S) Prerequisite, Course 1.	3	3	4
54. Soil Analysis. (W)	2	4	4

## COURSES IN CROPS

11. Field Crops. (W)	3	2	4
13. Weed Identification and Control. (F) Prerequisites, Course 11, and Botany 2.	2	3	3
14. Sweet Corn, Beans and Peas. (W)	2	2	3
15. Potato Production. (F)	3	2	4
16. Forage and Pasture Crops. (S) Prerequisite, Course 11.	2	2	3
60. Crop Improvement. (S) Prerequisite, Botany 45.	4	—	4
62. Seed Potato Production. (W) Prerequisite, Course 15.	3	2	4

## COURSES IN AGRICULTURAL ENGINEERING

30. Farm Machinery. (F)	3	3	4
33. Farm Structures. (W)	5	3	4
34. Farm Shop.	—	3	1
35. Drainage and Land Reclamation. (F)	3	3	4
36. Farm Power. (S)	3	3	4
41. School Shop. (W)	—	3	1
42. School Shop. (S)	—	3	1
43. School Shop. (W)	—	3	1
44. School Shop. (S)	—	3	1
47. a,b. Household Equipment.	3	2	4

COURSES IN AGRONOMY AND AGRICULTURAL ENGINEERING  
(GENERAL)

81. a,b,c. Seminar.	1	—	1
83. Special Problems in Agronomy and Agricultural Engineering. (F,W,S)			Ar.
125. Graduate Thesis. (F,W,S)			Ar.

CURRICULUM IN AGRONOMY

Sophomore Year

FALL TERM				WINTER TERM			
Subject		Hours		Subject		Hours	
		Rec.	Lab. Cr.			Rec.	Lab. Cr.
Ag 1	Soils	3	2 4	Bc 2	Biochemistry	4	4 6
Ag 15	Potato Production	3	2 4	Bt 45	Gen. Genetics	4	0 4
An 21	Livestock Feeding	3	4 5	Mt E	Military Training	2	1 2
Bc 1	Organic Chemistry	3	2 4	Pt 5	Phy. Education	0	2 0
Mt D	Military Training	2	1 2		Elective		7
Pt 4	Phy. Education	0	2 0				
19				19			

SPRING TERM

Subject		Hours	
		Rec.	Lab. Cr.
Ag 16	Forage & Pasture Crops	2	2 3
En 21	Gen. Entomology	3	4 5
Fm 48	Agr. Economics	4	0 4
Mt F	Military Training	2	1 2
Pt 6	Phy. Education	0	2 0
	Elective		5
19			

Junior Year

Rec. Lab. Cr.			Rec. Lab. Cr.		
Bt 53	Plant Physiology	3 4 5	Bt 56	Plant Pathology	3 4 5
By 1	Bacteriology	0 6 3	Eh 5b	Tech. Comp.	2 0 2
By 3	Gen. Bacteriology	3 0 3	Pt 8	Phy. Education	0 3 0
Eh 5a	Tech. Comp.	2 0 2		Elective	12
Pt 7	Phy. Education	0 3 0			
	Elective	6			
19			19		

SPRING TERM

Subject		Hours	
		Rec.	Lab. Cr.
Ag 6	Fertilizers	3	0 3
Bt 30	Plant Ecology	2	2 3
Fm 76	Agr. Marketing	4	0 4
Pt 9	Phy. Education	0	3 0
	Elective		8
18			

## Senior Year

FALL TERM				WINTER TERM			
Subject		Hours		Subject		Hours	
		Rec.	Lab. Cr.			Rec.	Lab. Cr.
Ag 81a	Seminar .....	1	0 1	Ag 81b	Seminar .....	1	0 1
Ag 30	Farm Machinery.....	3	3 4	Pt 11	Phy. Education.....	0	3 0
Pt 10	Phy. Education .....	0	3 0		Elective .....		17
	Elective .....		13				
		<hr/>				<hr/>	
		18				18	

## SPRING TERM

Subject		Hours	
		Rec.	Lab. Cr.
Ag 81c	Seminar .....	1	0 1
By 55	Soil Bacteriology.....	2	4 4
Fm 74	Farm Management.....	5	3 6
Pt 12	Phy. Education.....	0	3 0
	Elective .....		7
		<hr/>	
		18	

## CURRICULUM IN AGRICULTURAL ENGINEERING

The curriculum in Agricultural Engineering is arranged to enable the student to secure the degree of B.S. in Agricultural Engineering at the end of four years and then to secure a B.S. degree in the College of Technology by taking one additional year of work in that college.

A minimum of seventy-five credits is taken in agricultural courses to acquaint the student with the various branches of this field. The sciences fundamental to engineering are taken during the first two years; during the junior and senior years the curriculum is so arranged that many courses may be taken in the field of Civil, Electrical, or Mechanical Engineering. If the student wishes to earn the two degrees in the five-year period, the proper subjects must be taken during the entire course as planned.

## Freshman Year

Rec. Lab. Cr.				Rec. Lab. Cr.			
Eh 1a	Freshman Comp.....	3	0 3	Eh 1b	Freshman Comp.....	3	0 3
Md 1a	Fund. Draft.....	0	4 2	Md 1b	Fund. Draft. ....	0	4 2
Mt A	Military Training.....	2	1 1½	Mt B	Military Training .....	2	1 1½
Ms 1a	Fresh. Mathematics ...	4	0 4	Ms 1b	Fresh. Mathematics ...	4	0 4
Ph 1	Poultry Husbandry ...	3	2 4	Ps 1b	Physics .....	4	2 5
Ps 1a	Physics .....	4	2 5	Pt 2	Phy. Education.....	0	2 0
Pt 1	Phy. Education.....	0	2 0		Elective .....		2
		<hr/>				<hr/>	
		19½				17½	

SPRING TERM

Subject		Hours		
		Rec.	Lab.	Cr.
Eh	1c Freshman Comp.	3	0	3
Ht	2 Gen. Horticulture	3	3	4
Md	1c Fund. Draft	0	4	2
Mt	C Military Training	2	1	1½
Ms	1c Fresh. Mathematics	4	0	4
Ps	1c Physics	4	2	5
Pt	3 Phy. Education	0	2	0
		19½		

Sophomore Year

FALL TERM

WINTER TERM

Subject				Hours			Subject				Hours			
				Rec.	Lab.	Cr.					Rec.	Lab.	Cr.	
Ch	1a	Gen. Chemistry	2	4	4	Ag	41	School Shop	0	3	1			
Md	3a	Des. Geometry	0	4	2	An	2	Gen. Animal Husb.	3	2	4			
Ms	7a	Calculus	5	0	5	Ch	1b	Gen. Chemistry	2	4	4			
Mt	D	Military Training	2	1	2	Md	3b	Des. Geometry	0	4	2			
Ps	21	Mechanics & Heat				Ms	7b	Calculus	5	0	5			
		Lab.	0	4	2	Mt	E	Military Training	2	1	2			
Pt	4	Phy. Education	0	2	0	Pt	5	Phy. Education	0	2	0			
		Elective		3				Elective			2			
						18						20		

SPRING TERM

Subject		Hours		
		Rec.	Lab.	Cr.
Ag	42 School Shop	0	3	1
Ch	1c Gen. Chemistry	2	4	4
Fm	48 Agr. Economics	4	0	4
Ms	7c Calculus	5	0	5
Mt	F Military Training	2	1	2
Pt	6 Phy. Education	0	2	0
	Elective			2
		18		

Junior Year

Rec. Lab. Cr.				Rec. Lab. Cr.							
Ag	1	Soils	3	2	4	Ag	11	Field Crops	3	2	4
Ag	30	Farm Machinery	3	3	4	Ag	33	Farm Structures	3	3	4
Pt	7	Phy. Education	0	3	0	Pt	8	Phy. Education	0	3	0
		Elective		10				Elective		10	
						18					

SPRING TERM

Subject		Hours		
		Rec.	Lab.	Cr.
Ag	36 Farm Power	3	3	4
En	21 Gen. Entomology	3	4	5
Pt	9 Phy. Education	0	3	0
	Elective			9
		18		

## Senior Year

FALL TERM				WINTER TERM					
Subject	Hours			Subject	Hours				
	Rec.	Lab.	Cr.		Rec.	Lab.	Cr.		
Ag 35	Drainage & Land Reclamation	3	3	4	Ag 81b	Seminar	1	0	1
Ag 81a	Seminar	1	0	1	Pt 11	Phy. Education	0	3	0
By 3	Gen. Bacteriology	3	0	3		Elective			17
Dh 1	Gen. Dairying	3	2	4					
Pt 10	Phy. Education	0	3	0					
	Elective			6					
				18					18

## SPRING TERM

Subject	Hours			
	Rec.	Lab.	Cr.	
Ag 6	Fertilizers	3	0	3
Ag 81c	Seminar	1	0	1
Pt 12	Phy. Education	0	3	0
	Elective			14
				18

## ANIMAL INDUSTRY

PROFESSORS CAIRNS, DORSEY, AND WITTER; ASSISTANT PROFESSOR HALL

## COURSES IN ANIMAL HUSBANDRY

	HOURS PER WEEK		
	REC.	LAB.	CR.
2. General Animal Husbandry. (W)	3	2	4
21. Livestock Feeding. (F) Prerequisite, Course 2.	3	4	5
22. Dairy Cattle. (W) Prerequisites, Courses 2 and 21.	2	2	3
23. Beef Cattle and Horses. (F) Prerequisites, Courses 2 and 21.	2	—	2
24. Sheep and Swine. (S) Prerequisites, Courses 2 and 21.	2	2	3
35. Anatomy of Domestic Animals. (F)	3	2	4
36. Physiology of Domestic Animals. (W)	4	—	4
42. Advanced Livestock Judging and Management. (S)	2	—	1
55. Animal Nutrition. (F) Prerequisite, Course 21.	3	—	3
57. Problems in Animal Husbandry and Animal Pathology. (F,W,S)			Ar.
60. Animal Breeding. (W) Prerequisite, Course 35.	3	3	4
63. a,b,c. Seminar.	1	—	1
65. Advanced Animal Industry. (F) Prerequisites, Courses 2 and 21.	2	—	2
125. Graduate Thesis. (F,W,S)			Ar.

COURSES IN ANIMAL PATHOLOGY

37.	Animal Hygiene. (S)	4	—	4
40.	Poultry Diseases. (S)	4	—	4
44.	Disease and Parasite Control (in Wildlife).	3	2	3

CURRICULUM IN ANIMAL HUSBANDRY

Sophomore Year

FALL TERM				WINTER TERM			
Subject		Hours		Subject		Hours	
		Rec.	Lab. Cr.			Rec.	Lab. Cr.
Ag 1	Soils	3	2 4	An 22	Dairy Cattle	2	2 3
An 21	Livestock Feeding	3	4 5	Bc 2	Biochemistry	4	4 6
Bc 1	Organic Chemistry	3	2 4	Mt E	Military Training	2	1 2
Dh 1	Gen. Dairying	3	2 4	Pt 5	Phy. Education	0	2 0
Mt D	Military Training	2	1 2		Elective		7
Pt 4	Phy. Education	0	2 0				
19				18			

SPRING TERM

Subject		Hours		
		Rec.	Lab.	Cr.
Ag 16	Forage & Pasture Crops	2	2	3
En 21	Gen. Entomology	3	4	5
Fm 48	Agr. Economics	4	0	4
Mt F	Military Training	2	1	2
Pt 6	Phy. Education	0	2	0
	Elective			5
19				

Junior Year

Rec. Lab. Cr.				Rec. Lab. Cr.			
An 35	Anatomy of Domestic Animals	3	2 4	Ag 51	Soil Fertility	3	0 3
Bt 45	Gen. Genetics	4	0 4	An 36	Physiology of Domestic Animals	4	0 4
By 1	Bacteriology	0	6 3	Eh 5b	Tech. Comp.	2	0 2
By 3	Gen. Bacteriology	3	0 3	Pt 8	Phy. Education	0	3 0
Eh 5a	Tech. Comp.	2	0 2		Elective		9
Pt 7	Phy. Education	0	3 0				
	Elective		3				
19				18			

SPRING TERM

Subject		Hours		
		Rec.	Lab.	Cr.
Ag 36	Farm Power	3	3	4
An 37	Animal Hygiene	4	0	4
An 42	Adv. Livestock Judging & Mgt.	0	2	1
Pt 9	Phy. Education	0	3	0
	Elective			10
19				



## Senior Year

FALL TERM				WINTER TERM					
Subject	Hours			Subject	Hours				
	Rec.	Lab.	Cr.		Rec.	Lab.	Cr.		
An 55	Animal Nutrition	3	0	3	An 60	Adv. Animal Breeding	3	3	4
An 63a	Seminar	1	0	1	An 63b	Seminar	1	0	1
Pt 10	Phy. Education	0	3	0	Pt 11	Phy. Education	0	3	0
	Elective					Elective			13½
									18½

## SPRING TERM

Subject	Hours			
	Rec.	Lab.	Cr.	
An 63c	Seminar	1	0	1
Fm 74	Farm Management	5	3	6
Pt 12	Phy. Education	0	3	0
	Elective			11
				18

## COURSES IN DAIRY HUSBANDRY AND DAIRY TECHNOLOGY

	HOURS PER WFFK		
	REC.	LAB.	CR.
1. General Dairying. (F)	3	2	4
25. Market Milk. (S) Prerequisite, Course 1.	4	3	5
26. Judging Milk and Milk Products. (W)	—	3	1
32. Butter Making. (F) Prerequisite, Course 1.	2	4	4
33. Cheese Making. (W) Prerequisite, Course 1.	3	4	5
34. Condensed Milk. (S) Prerequisite, Course 1.	3	3	4
51. Dairy Technology. (F)	3	—	3
54. Problems in Dairy Husbandry. (F,W,S)			Ar.
55. Dairy Refrigeration. (F)	3	—	3
58. Ice Cream Making. (W) Prerequisite, Course 1.	3	4	5
61. a,b,c. Seminar.	1	—	1
63. Advanced Dairy Products Testing. (F)	—	4	2
64. Advanced Dairy Products Control. (S)			
Prerequisite, Course 63.	—	4	2
66. Dairy Machinery. (S) Prerequisite, Course 51.	—	6	3
125. Graduate Thesis. (F,W,S)			Ar.

## CURRICULUM IN DAIRY HUSBANDRY

## Sophomore Year

	Rec. Lab. Cr.				Rec. Lab. Cr.				
	Rec.	Lab.	Cr.		Rec.	Lab.	Cr.		
Ag 1	Soils	3	2	4	An 22	Dairy Cattle	2	2	3
An 21	Livestock Feeding	3	4	5	Bc 2	Biochemistry	4	4	6
Bc 1	Organic Chemistry	3	2	4	Mt E	Military Training	2	1	2
Dh 1	Gen. Dairying	3	2	4	Pt 5	Phy. Education	0	2	0
Mt D	Military Training	2	1	2		Elective			7
Pt 4	Phy. Education	0	2	0					18

SPRING TERM

Subject		Hours		
		Rec.	Lab.	Cr.
Ag 16	Forage & Pasture Crops	2	2	3
En 21	Gen. Entomology	3	4	5
Fm 48	Agr. Economics	4	0	4
Mt F	Military Training	2	1	2
Pt 6	Phy. Education	0	2	0
	Elective			4½
				18½

Junior Year

FALL TERM

Subject		Hours		
		Rec.	Lab.	Cr.
An 35	Anatomy of Domestic Animals	3	2	4
Bt 45	Gen. Genetics	4	0	4
By 1	Bacteriology	0	6	3
By 3	Gen. Bacteriology	3	0	3
Eh 5a	Tech. Comp.	2	0	2
Pt 7	Phy. Education	0	3	0
	Elective			3
				19

WINTER TERM

Subject		Hours		
		Rec.	Lab.	Cr.
Ag 51	Soil Fertility	3	0	3
An 36	Physiology of Domestic Animals	4	0	4
By 54	Dairy Bacteriology	2	4	4
Eh 5b	Tech. Comp.	2	0	2
Pt 8	Phy. Education	0	3	0
	Elective			5
				18

SPRING TERM

Subject		Hours		
		Rec.	Lab.	Cr.
Ag 36	Farm Power	3	3	4
An 37	Animal Hygiene	4	0	4
An 42	Adv. Livestock Judging & Mgt.	0	2	1
Dh 25	Market Milk	4	3	5
Pt 9	Phy. Education	0	3	0
	Elective			4½
				18½

Senior Year

		Rec. Lab. Cr.					Rec. Lab. Cr.		
An 55	Animal Nutrition	3	0	3	An 60	Adv. Animal Breeding	3	3	4
An 63a	Seminar	1	0	1	An 63b	Seminar	1	0	1
Pt 10	Phy. Education	0	3	0	Dh 58	Ice Cream Making	3	4	5
	Elective			14	Pt 11	Phy. Education	0	3	0
				18		Elective			9
									19

SPRING TERM

Subject		Hours		
		Rec.	Lab.	Cr.
An 63c	Seminar	1	0	1
Fm 74	Farm Management	5	3	6
Pt 12	Phy. Education	0	3	0
	Elective			11
				18

## CURRICULUM IN DAIRY TECHNOLOGY

## Sophomore Year

FALL TERM				WINTER TERM			
Subject		Hours		Subject		Hours	
		Rec.	Lab. Cr.			Rec.	Lab. Cr.
Bc	1 Organic Chemistry	3	2 4	An	22 Dairy Cattle	2	2 3
Dh	1 Gen. Dairying	3	2 4	Bc	2 Biochemistry	4	4 6
Md	1a Fund. of Drafting	0	4 2	Dh	26 Judging Milk & Milk Products	0	3 1
Mt	D Military Training	2	1 2	Md	1b Fund. of Drafting	0	4 2
Pt	4 Phy. Education	0	2 0	Mt	E Military Training	2	1 2
	Elective		7	Pt	5 Phy. Education	0	2 0
					Elective		5
19				10			

## SPRING TERM

Subject		Hours	
		Rec.	Lab. Cr.
Ag	36 Farm Power	3	3 4
Fm	48 Agr. Economics	4	0 4
Dh	25 Market Milk	4	3 5
Md	1c Fund. of Drafting	0	4 2
Mt	F Military Training	2	1 2
Pt	6 Phy. Education	0	2 0
	Elective		1½
		18½	

## Junior Year

Rec. Lab. Cr.			Rec. Lab. Cr.		
By	1 Bacteriology	0 6 3	Bc	57 Biocolloids	3 4 5
By	3 Gen. Bacteriology	3 0 3	By	54 Dairy Bacteriology	2 4 4
Dh	32 Butter Making	2 4 4	Dh	33 Cheese Making	3 4 5
Eh	5a Tech. Comp.	2 0 2	Eh	5b Tech. Comp.	2 0 2
Ps	3 Des. Physics	3 0 3	Pt	8 Phy. Education	0 3 0
Pt	7 Phy. Education	0 3 0		Elective	2½
	Elective	3½	18½		
18½					

## SPRING TERM

Subject		Hours	
		Rec.	Lab. Cr.
Bc	53 Agri. & Food Anal.	0	8 4
Dh	34 Condensed Milk	3	3 4
Fm	61 Agri. Bus. Acctg.	3	2 4
Pt	9 Phy. Education	0	3 0
	Elective		6½
		18½	

Senior Year

FALL TERM

Subject	Hours		
	Rec.	Lab.	Cr.
Dh 51 Dairy Technology	3	0	3
Dh 55 Dairy Refrig.	3	0	3
Dh 61a Dairy Tech. Seminar	1	0	1
Dh 63 Adv. Dairy Prod. Test	0	4	2
Pt 10 Phy. Education	0	3	0
Elective			9½
			<hr/> 18½

WINTER TERM

Subject	Hours		
	Rec.	Lab.	Cr.
Dh 61b Dairy Tech. Seminar	1	0	1
Dh 58 Ice Cream Making	3	4	5
Fm 88 Marketing Dairy Products	4	0	4
Pt 11 Phy. Education	0	3	0
Elective			8½
			<hr/> 18½

SPRING TERM

Subject	Hours		
	Rec.	Lab.	Cr.
Dh 61c Dairy Tech. Seminar	1	0	1
Dh 64 Adv. Dairy Prod. Control	0	4	2
Dh 66 Dairy Machinery	0	6	3
Pt 12 Phy. Education	0	3	0
Elective			12
			<hr/> 18

## BACTERIOLOGY AND BIOCHEMISTRY

PROFESSORS HITCHNER AND SMITH; ASSOCIATE PROFESSORS PEDLOW AND  
HIGHLANDS\*; DR. K. G. SPEICHER

## COURSES IN BACTERIOLOGY

	HOURS PER WEEK		
	REC.	LAB.	CR.
1. <b>Bacteriology.</b> (F) Course 3 must be taken in conjunction.	—	6	3
2. <b>Sanitary Bacteriology.</b> (W) Prerequisite, Course 3.	—	6	3
3. <b>General Bacteriology.</b> (F)	3	—	3
5. <b>Bacteriology.</b> (F) Course 3 must be taken in conjunction.	—	2	1
7. <b>a,c. Bacteriology.</b> For nurses.	2	2	3
10. <b>Sanitation and Public Health.</b> (W) Prerequisite, Course 3.	3	—	3
52. <b>Pathogenic Bacteriology and Serological Methods.</b> (W) Prerequisites, Courses 1 or 2, and 3.	2	4	4
54. <b>Dairy Bacteriology.</b> (W) Prerequisites, Courses 1 or 2, and 3.	2	4	4
55. <b>Soil Bacteriology.</b> (S) Prerequisites, Courses 1 or 2, and 3.	2	4	4
56. <b>Food Technology and Fermentations.</b> (S) Admission by arrangement with instructor.	2	4	4
61. <b>a,b,c. Seminar.</b>	1	—	1
91. <b>Problems in Bacteriology.</b> (F,W,S)			Ar.
125. <b>Graduate Thesis.</b> (F,W,S)			Ar.

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\* On leave of absence for military service.

COURSES IN BIOCHEMISTRY

1.	Organic Chemistry. (F)	3	2	4
2.	Biochemistry. (W) Prerequisite, Course 1.	4	4	6
4.	Organic Chemistry. (S)	4	2	5
5.	Biochemistry. (F) Prerequisite, Course 4.	4	2	5
8.	Agricultural Chemistry. (W)	3	—	3
9.	Biochemistry. (F) Prerequisites, Courses 1 and 2, or 4 and 5.	3	—	3
53.	Agricultural and Food Analysis. (W,S) Prerequisites, Courses 1 and 2, or 4 and 5.	—	8	4
57.	Biocolloids. (W) Prerequisites, Courses 1 and 2, or 4 and 5.	3	4	5
60.	Physiological Chemistry. (W) Prerequisites, Courses 1 and 2, or 4 and 5.	4	3	5
61.	Advanced Biochemistry. (S) Prerequisite, Course 60.	4	—	4
64.	Biochemical Laboratory Methods. (F) Prerequisite, Course 53, or Chemistry 40.	—	8	4
91.	Biochemical Research. (F,W,S)			Ar.
125.	Graduate Thesis. (F,W,S)			Ar.

CURRICULUM IN BACTERIOLOGY

Freshman Year

FALL TERM				WINTER TERM			
Subject		Hours		Subject		Hours	
		Rec.	Lab. Cr.			Rec.	Lab. Cr.
Ch 1a	General Chemistry	2	4 4	Ch 1b	Gen. Chemistry	2	4 4
Eh 1a	Freshman Comp.	3	0 3	Eh 1b	Freshman Comp.	3	0 3
Ms 1a	Fresh. Mathematics	4	0 4	Ms 1b	Fresh. Mathematics	4	0 4
Mt A	Military Training	2	1 1½	Mt B	Military Training	2	1 1½
Sh 1a	Public Speaking	2	0 2	Sh 1b	Public Speaking	2	0 2
Zo 3a	Animal Biology	2	4 4	Zo 3b	Animal Biology	2	4 4
Pt 1	Phy. Education	0	2 0	Pt 2	Phy. Education	0	2 0
18½				18½			

SPRING TERM

Subject		Hours	
		Rec.	Lab. Cr.
Ch 1c	Gen. Chemistry	2	4 4
Eh 1c	Freshman Comp.	3	0 3
Ms 1c	Fresh. Mathematics	4	0 4
Bt 1	Gen. Botany	3	4 5
Mt C	Military Training	2	1 1½
Pt 3	Phy. Education	0	2 0
17½			

## Sophomore Year

FALL TERM				WINTER TERM					
Subject	Hours			Subject	Hours				
	Rec.	Lab.	Cr.		Rec.	Lab.	Cr.		
Ch 52a	Organic Chemistry	3	4	5	Ch 52b	Organic Chemistry	3	4	5
Ch 31	Micro-Qual. Anal.	2	3	3	Ch 40b	Quant. Anal.	1	8	4
Eh 5a	Tech. Comp.	2	0	2	Eh 5b	Tech. Comp.	2	0	2
Es 3a	Prin. of Economics	2	0	2	Es 3b	Prin. of Economics	2	0	2
Gm 19a	German for Chemists	3	0	3	Gm 19b	German for Chemists	3	0	3
Mt D	Military Training	2	1	2	Mt E	Military Training	2	1	2
Pt 4	Phy. Education	0	2	0	Pt 5	Phy. Education	0	2	0
	Elective			2					
19				18					

## SPRING TERM

Subject	Hours			
	Rec.	Lab.	Cr.	
Ch 52c	Organic Chemistry	3	4	5
Ch 40c	Quant. Anal.	1	8	4
Es 3c	Prin. of Economics	2	0	2
Gm 19c	German for Chemists	3	0	3
Mt F	Military Training	2	1	2
Pt 6	Phy. Education	0	2	0
	Elective			3
19				

## Junior Year

Rec. Lab. Cr.			Rec. Lab. Cr.						
By 1	Bacteriology	0	6	3	Bc 60	Physiol. Chem.	4	3	5
By 3	Gen. Bacteriology	3	0	3	By 52	Path. Bact. & Serol.			
By 9	Biochemistry	3	0	3		Methods	2	4	4
Gm 21a	German for Chemists	3	0	3	By 54	Dairy Bact.	2	4	4
Pt 7	Phy. Education	0	3	0	Gm 21b	German for Chemists	3	0	3
	Elective			6	Pt 8	Phy. Education	0	3	0
						Elective			3
18				19					

## SPRING TERM

Subject	Hours			
	Rec.	Lab.	Cr.	
By 55	Soil Bact.	2	4	4
Gm 21c	German for Chemists	3	0	3
Pt 9	Phy. Education	0	3	0
	Elective			11
18				

## Senior Year

Rec. Lab. Cr.			Rec. Lab. Cr.						
Bc 64	Biochem. Lab. Meth.	0	8	4	Bc 57	Biocolloids	3	4	5
By 61a	Seminar	1	0	1	By 61b	Seminar	1	0	1
By 91a	Problem in Bact.	0	6	3	By 91b	Problem in Bact.	0	6	3
Pt 10	Phy. Education	0	3	0	Pt 11	Phy. Education	0	3	0
	Elective			10		Elective			10
18				19					

## SPRING TERM

Subject	Hours		
	Rec.	Lab.	Cr.
By 61c Seminar .....	1	0	1
By 91c Problem in Bact.....	0	6	3
Pt 12 Phy. Education.....	0	3	0
Elective .....			14
			<hr/> 18

## CURRICULUM IN BIOCHEMISTRY

## Sophomore Year

## FALL TERM

Subject	Hours		
	Rec.	Lab.	Cr.
Ch 52a Organic Chem.....	3	4	5
Ch 31 Micro-Qual. Anal.....	2	3	3
Gm 19a German for Chemists	3	0	3
Ms 1a Fresh. Mathematics	4	0	4
Mt D Military Training	2	1	2
Pt 4 Phy. Education	0	2	0
Elective .....			2
			<hr/> 19

## WINTER TERM

Subject	Hours		
	Rec.	Lab.	Cr.
Ch 52b Organic Chem.....	3	4	5
Ch 40b Quant. Anal.....	1	8	4
Gm 19b German for Chemists	3	0	3
Ms 1b Fresh. Mathematics	4	0	4
Mt E Military Training	2	1	2
Pt 5 Phy. Education	0	2	0
			<hr/> 18

## SPRING TERM

Subject	Hours		
	Rec.	Lab.	Cr.
Ch 52c Organic Chemistry.....	3	4	5
Ch 40c Quant. Chem.....	1	8	4
Gm 19c German for Chemists	3	0	3
Ms 1c Fresh. Mathematics	4	0	4
Mt F Military Training	2	1	2
Pt 6 Phy. Education.....	0	2	0
			<hr/> 18

## Junior Year

Subject	Hours			Subject	Hours		
	Rec.	Lab.	Cr.		Rec.	Lab.	Cr.
Bc 9 Biochemistry .....	3	0	3	Bc 53 Agri. & Food Anal.....	0	8	4
By 1 Bacteriology .....	0	6	3	Bc 60 Physiol. Chem.....	4	3	5
By 3 Gen. Bacteriology.....	3	0	3	Eh 5b Tech. Comp.....	2	0	2
Eh 5a Tech. Comp.....	2	0	2	Gm 21b German for Chemists	3	0	3
Gm 21a German for Chemists	3	0	3	Ps 1b Gen. Physics .....	4	2	5
Ps 1a Gen. Physics.....	4	2	5	Pt 8 Phy. Education.....	0	3	0
Pt 7 Phy. Education .....	0	3	0				<hr/> 19
			<hr/> 19				

## SPRING TERM

Subject	Hours		
	Rec.	Lab.	Cr.
Bc 61 Adv. Biochem.....	4	0	4
Gm 21c German for Chemists	3	0	3
Ps 1c Gen. Physics.....	4	2	5
Pt 9 Phy. Education.....	0	3	0
Elective .....			7
			<hr/> 19





**BOTANY AND ENTOMOLOGY**

PROFESSOR STEINMETZ; ASSOCIATE PROFESSORS DIRKS AND STEINBAUER;  
ASSISTANT PROFESSOR HYLAND; DR. OGDEN

**COURSES IN BOTANY**

	HOURS PER WEEK		
	REC.	LAB.	CR.
1. <b>General Botany.</b> (F,W,S)	3	4	5
30. <b>Plant Ecology.</b> (S) Prerequisite, Course 1.	2	2	3
32. <b>Plant Physiology.</b> (W) Prerequisites, Course 1 and one year of chemistry.	3	4	5
33. <b>Dendrology (Hardwoods).</b> (F) Prerequisite, Course 1.	3	4	5
34. <b>Dendrology (Conifers).</b> (W) Prerequisite, Course 33.	2	2	3
35. <b>Plant Anatomy.</b> (S) Prerequisite, Course 1.	3	4	5
36. <b>Taxonomy.</b> (S) Prerequisite, Course 33.	3	4	5
41. <b>Biotic Relationships.</b> (F) Prerequisite, Course 36.	2	3	3
42. <b>Forest Pathology.</b> (S) Seniors in Forestry.	3	4	5
43. <b>Wood Identification.</b> (W)	—	3	1
45. <b>General Genetics.</b> (F,W,S) Prerequisite, one year of biology.	4	—	4
46. <b>Genetics Laboratory.</b> (W) Prerequisite, Course 45.	—	4	2
47. <b>Problems in Botany.</b> (F,W,S)			Ar.
50. <b>Histological Technique.</b> (S)	1	6	3
53. <b>Plant Physiology.</b> (F) Prerequisites, Course 1 and one year of chemistry.	3	4	5
56. <b>Plant Pathology.</b> (W) Prerequisite, Course 1.	3	4	5
57. <b>Taxonomy of Vascular Plants.</b> (F) Prerequisite, Course 1.	3	4	5
59. <b>General Mycology.</b> (F) Prerequisite, Course 1.	3	4	5
107. <b>Problems in Botany.</b> (F,W,S)			Ar.
125. <b>Graduate Thesis.</b> (F,W,S)			Ar.

## COURSES IN ENTOMOLOGY

21.	General Entomology. (S)	3	4	5
22.	Forest Entomology. (F)	3	4	5
23.	Taxonomy of Insects. (F) Prerequisite, Course 21 or 22. Admission by arrangement with instructor.	3	4	5
26.	Entomology. (W)	2	6	5
40.	Apiculture. (S) Admission by arrangement with instructor.	1	4	3
46.	Advanced Forest Entomology. (W) Prerequisite, Course 21 or 22. Admission by arrangement with instructor.	1	2	2
47.	Problems in Entomology. (F,W,S)			Ar.
49.	Economic Entomology. (F) Prerequisite, Course 21 or 22. Admission by arrangement with instructor.	2	2	3
105.	Problems in Entomology. (F,W,S)			Ar.

## CURRICULUM IN BOTANY AND ENTOMOLOGY

## Freshman Year

FALL TERM				WINTER TERM			
Subject		Hours		Subject		Hours	
		Rec.	Lab. Cr.			Rec.	Lab. Cr.
Ch 1a	General Chemistry	2	4 4	Ch 1b	Gen. Chemistry	2	4 4
Eh 1a	Freshman Comp.	3	0 3	Eh 1b	Freshman Comp.	3	0 3
Hy 5a	Hist. of W. Europe	3	0 3	Hy 5b	Hist. of W. Europe	3	0 3
	or				or		
My 1a	Modern Society			My 1b	Modern Society		
Ms 1a	Fresh. Mathematics	4	0 4	Ms 1b	Fresh. Mathematics	4	0 4
Mt A	Military Training	2	1 1½	Mt B	Military Training	2	1 1½
Pt 1	Phy. Education	0	2 0	Pt 2	Phy. Education	0	2 0
Zo 3a	Animal Biology	2	4 4	Zo 3b	Animal Biology	2	4 4
				19½			

## SPRING TERM

Subject		Hours	
		Rec.	Lab. Cr.
Bt 1	Gen. Botany	3	4 5
Ch 1c	Gen. Chemistry	2	4 4
Eh 1c	Freshman Comp.	3	0 3
Hy 5c	Hist. of W. Europe	3	0 3
	or		
My 1c	Modern Society		
Mt C	Military Training	2	1 1½
Pt 3	Phy. Education	0	2 0
	Elective		1
17½			

Sophomore Year

FALL TERM

WINTER TERM

Subject		Hours			Subject		Hours		
		Rec.	Lab.	Cr.			Rec.	Lab.	Cr.
Bc	1 Organic Chemistry	3	2	4	Bc	2 Biochemistry	4	4	6
Bt	33 Dendrology	3	4	5	Bt	34 Dendrology	2	2	3
By	3 Gen. Bacteriology	3	0	3	By	2 Bacteriology	0	6	3
Mt	D Military Training	2	1	2	Mt	E Military Training	2	1	2
Pt	3 Phy. Education	0	2	0	Pt	4 Phy. Education	0	2	0
	Elective			5		Elective			5
				19					19

SPRING TERM

Subject		Hours		
		Rec.	Lab.	Cr.
Bt	35 Plant Anatomy	3	4	5
En	21 Gen. Entomology	3	4	5
Mt	F Military Training	2	1	2
Pt	5 Phy. Education	0	2	0
Sh	1 Public Speaking	2	0	2
	Elective			5
				19

Junior Year

		Rec. Lab. Cr.					Rec. Lab. Cr.		
Bt	57 Tax. of Vas. Plants	3	4	5	Bt	56 Plant Pathology	3	4	5
	or					or			
Zo	15a Comp. Anatomy	2	4	4	Zo	15b Comp. Anatomy	2	4	4
Eh	5a Tech. Comp.	2	0	2	Eh	5b Tech. Comp.	2	0	2
Pt	7 Phy. Education	0	3	0	Ce	18 Historical Geology	3	0	3
	Elective			11-12	Pt	8 Phy. Education	0	3	0
				18		Elective			8-9
									18

SPRING TERM

Subject		Hours		
		Rec.	Lab.	Cr.
Bt	45 Gen. Genetics	4	0	4
	or			
Zo	15c Comp. Anatomy	2	4	4
Eh	10 Modern Lit.	3	0	3
Pt	9 Phy. Education	0	3	0
	Elective			11
				18

Senior Year

		Rec. Lab. Cr.					Rec. Lab. Cr.		
Bt	53 Plant Physiology	3	4	5	Bt	46 Genetics Lab.	0	4	2
*Bt	59 Mycology	3	4	5	Es	1b Prin. of Economics	3	0	3
Es	1a Prin. of Economics	3	0	3	Pt	11 Phy. Education	0	3	0
Pt	10 Phy. Education	0	3	0		Elective			13
	Elective			5					
				18					18

\* Entomology students elect.

## SPRING TERM

Subject		Hours			
		Rec.	Lab.	Cr.	
Bt	30	Plant Ecology.....	2	2	3
Es	1c	Prin. of Economics.....	3	0	3
Pt	12	Phy. Education.....	0	3	0
		Elective .....			12
					18

Entomology majors will take advanced courses largely in the junior and senior years as electives.

## HORTICULTURE

PROFESSOR WARING; ASSOCIATE PROFESSOR CLAPP

	HOURS PER WEEK		
	REC.	LAB.	CR.
2. General Horticulture. (S)	3	3	4
4. Plant Propagation. (F)	3	2	4
11. Problems in Horticulture. (F,W,S)			Ar.
51. a,b,c. Seminar.	1	—	1
54. Plant Propagation. (S)	3	—	3
125. Graduate Thesis. (F,W,S)			Ar.

## COURSES IN FRUITS

1. Fruit Handling. (F)	2	4	4
9. Fruit Judging. (F)	—	3	1
10. Small Fruits. (W)	3	—	3
53. Systematic Pomology. (W)	3	3	4
55. Advanced Pomology. (W)	3	2	4

## COURSES IN VEGETABLES

20. Vegetable Gardening. (S)	3	2	4
21. Vegetable Crops. (F) Prerequisite, Course 20.	2	4	4
25. Vegetable Forcing. (W) Prerequisite, Course 20.	2	2	3

## COURSES IN ORNAMENTALS

3. Trees and Shrubs. (F)	3	4	5
5. Recreational Landscaping. (W)	3	2	4
6. Home Landscaping. (W) Prerequisite, training in mechanical drawing.	3	4	5
7. Home Floriculture. (W)	2	2	3
8. Commercial Floriculture. (W) Prerequisite, Course 7.	4	2	5
12. Flower Arrangement. (S)	1	2	2
125. Graduate Thesis. (F,W,S)			Ar.

CURRICULUM IN HORTICULTURE

Sophomore Year

FALL TERM				WINTER TERM			
Subject		Hours		Subject		Hours	
		Rec.	Lab. Cr.			Rec.	Lab. Cr.
Ag	1 Soils .....	3	2 4	Bc	2 Biochemistry .....	4	4 6
Bc	1 Organic Chemistry.....	3	2 4	Ht	10 Small Fruits .....	3	0 3
Ht	4 Plant Propagation.....	3	2 4	Mt	E Military Training.....	2	1 2
Mt	D Military Training.....	2	1 2	Pt	5 Phy. Education.....	0	2 0
Pt	4 Phy. Education .....	0	2 0		Elective .....		8
	Elective .....		5				
		<hr/>				<hr/>	
		19				19	

SPRING TERM

Subject		Hours	
		Rec.	Lab. Cr.
Ag	6 Fertilizers .....	3	0 3
En	21 Gen. Entomology.....	3	4 5
Fm	48 Agr. Economics .....	4	0 4
Mt	F Military Training .....	2	1 2
Pt	6 Phy. Education.....	0	2 0
	Elective .....		4½
		<hr/>	
		18½	

Junior Year

Rec. Lab. Cr.			Rec. Lab. Cr.		
Bt	53 Plant Physiology .....	3 4 5	Eh	5b Tech. Comp. ....	2 0 2
By	3 Gen. Bacteriology.....	3 0 3	Ht	6 Home Landscaping.....	3 4 5
Eh	5a Tech. Comp. ....	2 0 2	Ht	8 Home Floriculture ...	2 2 3
Ht	3 Trees and Shrubs.....	3 4 5	Ht	53 Systematic Pomology	3 3 4
Pt	7 Phy. Education.....	0 3 0	Pt	8 Phy. Education.....	0 3 0
	Elective .....	3½		Elective .....	4½
<hr/>			<hr/>		
18½			18½		

SPRING TERM

Subject		Hours	
		Rec.	Lab. Cr.
Bt	45 Gen. Genetics .....	4	0 4
Ht	20 Veg. Gardening .....	3	2 4
Pt	9 Phy. Education.....	0	3 0
	Elective .....		10½
		<hr/>	
		18½	

Senior Year

Rec. Lab. Cr.			Rec. Lab. Cr.		
Ag	35 Land Drainage & Rec.	3 3 4	Bt	56 Plant Pathology .....	3 4 5
Ht	21 Vegetable Crops .....	2 4 4	Ht	51b Seminar .....	1 0 1
Ht	51a Seminar .....	1 0 1	Ht	55 Adv. Pomology .....	3 2 4
Pt	10 Phy. Education.....	0 3 0	Pt	11 Phy. Education.....	0 3 0
	Elective .....	9½		Elective .....	8½
<hr/>			<hr/>		
18½			18½		

## SPRING TERM

Subject		Hours		
		Rec.	Lab.	Cr.
Ht 51c	Seminar .....	1	0	1
Pt 12	Phy. Education.....	0	3	0
	Elective .....			17
				18

## POULTRY HUSBANDRY

PROFESSOR SMYTH; ASSISTANT PROFESSOR GARDNER\*

	HOURS PER WEEK		
	REC.	LAB.	CR.
1: General Poultry Husbandry. (F)	3	2	4
22. Poultry Breeding. (W) Prerequisites, Course 1, and Botany 45.	3	—	3
23. Exhibition and Production Judging. (F) Prerequisite, Course 1.	1	2	2
25. Poultry Feeding. (W) Prerequisite, Course 1.	3	—	3
32. Incubation and Brooding. (S)	2	4	4
40. Poultry Diseases. (S)	4	—	4
46. Poultry Farm Management. (S) Prerequisites, Courses 1, 23, 25, and 32.	1	4	3
51. Problems in Poultry Husbandry. (F,W,S)			Ar.
53. a,b,c. Seminar. Prerequisites, Courses 1, 22, 23, and 32.	1	—	1
125. Graduate Thesis.			Ar.

## CURRICULUM IN POULTRY HUSBANDRY

## Sophomore Year

FALL TERM					WINTER TERM				
Subject		Hours			Subject		Hours		
		Rec.	Lab.	Cr.			Rec.	Lab.	Cr.
An 21	Livestock Feeding .....	3	4	5	Bc 2	Biochemistry .....	4	4	6
Bc 1	Organic Chemistry.....	3	2	4	Mt E	Military Training.....	2	1	2
Dh 1	Gen. Dairying.....	3	2	4	Pt 5	Phy. Education.....	0	2	0
Mt D	Military Training.....	2	1	2		Elective .....			10
Pt 4	Phy. Education .....	0	2	0					
	Elective .....			4					
				19					18

## SPRING TERM

Subject		Hours		
		Rec.	Lab.	Cr.
Ag 16	Forage & Pasture Crops ..	2	2	3
Fm 48	Agr. Economics .....	4	0	4
Mt F	Military Training .....	2	1	2
Ph 32	Incubation and Brooding ..	2	4	4
Pt 6	Phy. Education.....	0	2	0
	Elective .....			6
				19

\* On leave of absence with the Veterans' Administration.

Junior Year

FALL TERM				WINTER TERM			
Subject		Hours		Subject		Hours	
		Rec.	Lab. Cr.			Rec.	Lab. Cr.
Ag 1	Soils .....	3	2 4	Ag 51	Soil Fertility .....	3	0 3
An 35	Anatomy of Domestic Animals .....	3	2 4	An 36	Physiology of Domestic Animals.....	4	0 4
By 1	Bacteriology .....	0	6 3	By 52	Path. Bact. & Serol. Meth. ....	2	4 4
By 3	Gen. Bacteriology.....	3	0 3	Bt 45	Gen. Genetics.....	4	0 4
Eh 5a	Tech. Comp. ....	2	0 2	Eh 5b	Tech. Comp. ....	2	0 2
Pt 7	Phy. Education .....	0	3 0	Pt 8	Phy. Education .....	0	3 0
	Elective .....		2		Elective .....		2
<hr/>				<hr/>			
18				19			

SPRING TERM

Subject		Hours	
		Rec.	Lab. Cr.
En 21	Gen. Entomology.....	3	4 5
Ph 22	Poultry Breeding .....	3	0 3
Ph 40	Poultry Diseases.....	4	0 4
Pt 9	Phy. Education.....	0	3 0
	Elective .....		6
<hr/>			
18			

Senior Year

Rec. Lab. Cr.			Rec. Lab. Cr.		
Fm 61	Agri. Bus. Acct.....	3 2 4	Ph 25	Poultry Feeding.....	3 0 3
Ph 23	Exhibition & Prod. Judg. ....	1 2 2	Ph 53b	Seminar .....	1 0 1
Ph 53a	Seminar .....	1 0 1	Pt 11	Phy. Education.....	0 3 0
Pt 10	Phy. Education.....	0 3 0		Elective .....	14
	Elective .....	12	<hr/>		
19			18		

SPRING TERM

Subject		Hours	
		Rec.	Lab. Cr.
Fm 74	Farm Management .....	5	3 6
Fm 89	Mktg. Poultry Prod.....	4	0 4
Ph 46	Poultry Farm Mgt.....	1	4 3
Ph 53c	Seminar .....	1	0 1
Pt 12	Phy. Education .....	0	3 0
	Elective .....		5
<hr/>			
19			



## FORESTRY

PROFESSOR DEMERITT; ASSOCIATE PROFESSORS ASHMAN\* AND CURTIS;  
ASSISTANT PROFESSORS CHAPMAN, BAKER, AND MENDALL;  
MR. GASHWILER

	HOURS PER WEEK		
	REC.	LAB.	CR.
1. a,b,c. Elements of Forestry.	2	—	2
3. Logging. (W)	3	—	3
4. b,c. Administration and Protection.	3	—	3
5. a,b,c. Forest Mensuration.	2	3	3
7. Lumber Manufacture. (F)	3	—	3
8. Silviculture. (S)	4	4	6
9. Wood Preservation. (S)	2	—	2
10. Nursery Practice. (S)	—	5	1
12. Wood Technology. (W)	3	—	3
13. Forest Protection. (S)	3	—	3
14. Forest Products. (W)	2	—	2
16. Wood Identification.	—	5	2
18. Preparation and Drafting of Maps. (F,W,S)	—	4	1
20. Woodlot Forestry. (S)	1	3	2
43. Special Problems. (F,W,S)			Ar.
47. a,b,c. Orientation.	1	—	—
51. Regional Silviculture. (F)	4	—	4
52. Policy and Economics. (S)	5	—	5
53. Forest Finance. (F)	3	2	4
55. Forest Management. (F,S)	4	—	4
57 a,c. Game Management.	2	4	4
101. Forest Mensuration Problems. (F,W,S)			Ar.
103. Forest Management Problems. (F,W,S)			Ar.
105. Game Management Problems. (F,W,S)			Ar.
125. Graduate Thesis. (F,W,S)			Ar.

## SUMMER COURSES

35s. Silvics. Prerequisites, Botany 33 and 34. Field work, sixteen hours a week.	3
37s. Forest Mensuration. Field work, eight hours a week.	1½
39s. Forest Products. Field work, eight hours a week.	1½
45s. General Ecology. Field work, twenty-four hours a week.	4½

## COURSE AT SENIOR CAMP

41. Practice of Forestry. (W) Field work, forty- four hours a week.	12
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\* On leave of absence 1943-44.

**CURRICULUM IN FORESTRY AND WILDLIFE CONSERVATION**

**Freshman Year**

FALL TERM				WINTER TERM					
Subject	Hours			Subject	Hours				
	Rec.	Lab.	Cr.		Rec.	Lab.	Cr.		
Ch 1a	General Chemistry	2	4	4	Ch 1b	Gen. Chemistry	2	4	4
Eh 1a	Composition	3	0	3	Eh 1b	Composition	3	0	3
Fy 1a	Elements of Forestry	2	0	2	Fy 1b	Elements of Forestry	2	0	2
Fy 47a	Orientation	1	0	0	Fy 47b	Orientation	1	0	0
Md 1a	Drafting	0	4	2	Md 1b	Drafting	0	4	2
Ms 9a	Trigonometry	2	0	2	Ms 9b	Trigonometry	2	0	2
Mt A	Military Training	2	1	1½	Mt B	Military Training	2	1	1½
Zo 1a	General Zoology	3	4	5	Pt 2	Phy. Education	0	2	0
Pt 1	Phy. Education	0	2	0		Elective			4
				—————					
				19½					
				18½					

**SPRING TERM**

Subject	Hours			
	Rec.	Lab.	Cr.	
Bt 1	Gen. Botany	3	4	5
Ch 1c	General Chemistry	2	4	4
Eh 1c	Composition	3	0	3
Fy 1c	Elements of Forestry	2	0	2
Fy 47c	Orientation	1	0	0
Md 1c	Drafting	0	4	2
Ms 9c	Trigonometry	2	0	2
Mt C	Military Training	2	1	1½
Pt 3	Phy. Education	0	2	0
				—————
				19½

**CURRICULUM IN FORESTRY**

**Sophomore Year**

Rec. Lab. Cr.			Rec. Lab. Cr.						
Bt 33	Dendrology (Hardwoods)	3	4	5	Eh 9b	Modern Lit.	2	0	2
Ce 1	Plane Surveying	2	0	2	Es 3b	Prin. of Economics	2	0	2
Ce 3	Field Work & Plotting	0	8	3	Fy 3	Logging	3	0	3
Es 3a	Prin. of Economics	2	0	2	Fy 4b	Admin. & Protection	3	0	3
Mt D	Military Training	2	1	2	Fy 14	Forest Products	2	0	2
Ps 1a	Gen. Physics	4	2	5	Mt E	Military Training	2	1	2
Pt 4	Phy. Education	0	2	0	Ps 1b	Gen. Physics	4	2	5
					Pt 5	Phy. Education	0	2	0
				—————					
				19					
				19					

## University of Maine

## SPRING TERM

		Subject	Hours		
			Rec.	Lab.	Cr.
Bt	34	Dendrology (Conifers) ..	2	2	3
Bt	35	Plant Anatomy .....	3	4	5
Ce	16	Geology .....	3	3	4
Fy	4c	Admin. & Protection.....	3	0	3
Mt	F	Military Training .....	2	1	2
Pt	6	Phy. Education.....	0	2	0
		Elective .....			2
			19		

## Summer Courses

		Subject	Lab. Cr.	
			Hours	Cr.
Ce	7s	Highways & Railroads .....	16	3
Fy	35s	Silvics .....	16	3
Fy	37s	Forest Mensuration .....	8	1½
Fy	39s	Forest Products.....	8	1½
			9	

## Junior Year

FALL TERM					WINTER TERM						
		Subject	Hours					Subject	Hours		
			Rec.	Lab.	Cr.				Rec.	Lab.	Cr.
Ag	3	Soils (Forest).....	3	2	4	Eh	5b	Tech. Comp. ....	2	0	2
Eh	5a	Tech. Comp. ....	2	0	2	Fy	5b	Forest Mensuration ..	2	3	3
En	22	Forest Entomology ...	3	4	5	Fy	12	Wood Technology ...	3	0	3
Fy	5a	Forest Mensuration ...	2	3	3	Pt	8	Phy. Education.....	0	2	0
Pt	7	Phy. Education.....	0	2	0			Elective .....			10
		Elective .....			5				18		
					19						

## SPRING TERM

		Subject	Hours		
			Rec.	Lab.	Cr.
Fy	5c	Forest Mensuration .....	2	3	3
Fy	8	Silviculture .....	4	4	6
Fy	9	Wood Preservation.....	2	0	2
Fy	10	Nursery Practice .....	0	5	1
Pt	9	Phy. Education.....	0	2	0
		Elective .....			7
			19		

## Senior Year

FALL TERM					WINTER TERM						
		Subject	Hours					Subject	Hours		
			Rec.	Lab.	Cr.				Rec.	Lab.	Cr.
Fy	7	Lumber Manufacture	3	0	3	Fy	41	Practice of Forestry.	0	44	12
Fy	51	Regional Silviculture	4	0	4				12		
Fy	53	Forest Finance .....	3	2	4						
Fy	55	Forest Management ..	4	0	4						
Pt	10	Phy. Education.....	0	2	0						
		Elective .....			4						
					19						

SPRING TERM

Subject		Hours		
		Rec.	Lab.	Cr.
Bt 42	Forest Pathology	3	6	6
Fy 16	Wood Identification	0	5	2
Fy 52	Policy and Economics	5	0	5
Pt 12	Phy. Education	0	2	0
	Elective			6
				19

CURRICULUM IN WILDLIFE CONSERVATION

Sophomore Year

FALL TERM

Subject		Hours		
		Rec.	Lab.	Cr.
Bt 33	Dendrology (Hardwoods)	3	4	5
By 3	Bacteriology	2	0	2
Ce 1	Plane Surveying	2	0	2
Ce 3	Field Work & Plotting	0	8	3
Mt D	Military Training	2	1	2
Ps 1a	Gen. Physics	4	2	5
Pt 4	Phy. Education	0	2	0
				19

WINTER TERM

Subject		Hours		
		Rec.	Lab.	Cr.
Eh 9b	Modern Lit.	2	0	2
En 26	Entomology	2	6	5
Mt E	Military Training	2	1	2
Ps 1b	Gen. Physics	4	2	5
Pt 5	Phy. Education	0	2	0
Zo 9	Ichthyology	3	4	5
				19

SPRING TERM

Subject		Hours		
		Rec.	Lab.	Cr.
Bt 34	Dendrology (Conifers)	2	2	3
Bt 36	Taxonomy	3	4	5
Fy 13	Forest Protection	3	0	3
Mt F	Military Training	2	1	2
Pt 6	Phy. Education	0	2	0
Zo 10	Ornithology	3	4	5
				18

Summer Courses

		Lab. Cr.	
Fy 35s	Silvics	16	3
Fy 37s	Forest Mensuration	8	1½
Fy 45s	General Ecology	24	4½
		9	

Junior Year

		Rec. Lab. Cr.					Rec. Lab. Cr.		
Ag 3	Soils (Forest)	3	2	4	Eh 5b	Tech. Comp.	2	0	2
Bt 41	Biotic Rel.	2	3	3	Fm 48	Agr. Economics	3	0	3
Eh 5a	Tech. Comp.	2	0	2	Fy 5b	Forest Mensuration	2	3	3
Fy 5a	Forest Mensuration	2	3	3	Pt 8	Phy. Education	0	2	0
Pt 7	Phy. Education	0	2	0	Zo 17	An. Parasitology	2	4	4
Zo 13	Mammalogy	3	4	5		Elective			7
	Elective			2					
				19					19

## University of Maine

## SPRING TERM

		Subject	Hours		
			Rec.	Lab.	Cr.
An	44	Disease & Parasite Control (in Wild.).....	2	2	3
Fy	5c	Forest Mensuration .....	2	3	3
Fy	8	Silviculture .....	4	4	6
Fy	10	Nursery Practice .....	0	5	1
Pt	9	Phy. Education.....	0	2	0
		Elective .....			6
			<hr/>		
			19		

## Senior Year

## FALL TERM

		Subject	Hours		
			Rec.	Lab.	Cr.
Fy	51	Regional Silviculture	4	0	4
Fy	55	Forest Management ..	4	0	4
Fy	57a	Game Management ....	2	4	4
Pt	10	Phy. Education.....	0	2	0
Zo	19a	Fish Management ....	1	3	2
		Elective .....			5
			<hr/>		
			19		

## WINTER TERM

		Subject	Hours		
			Rec.	Lab.	Cr.
Fy	41	Practice of Forestry...	0	48	12
			<hr/>		
			12		

## SPRING TERM

		Subject	Hours		
			Rec.	Lab.	Cr.
Fy	52	Policy & Economics.....	5	0	5
Fy	57c	Game Management.....	2	4	4
Pt	12	Phy. Education.....	0	2	0
Zo	19c	Fish Management.....	3	3	4
		Elective .....			6
			<hr/>		
			19		

## HOME ECONOMICS

PROFESSORS GREENE AND SWEETMAN; ASSISTANT PROFESSORS MUSGRAVE, SNYDER,  
FELCH, INGERSOLL, AND STEDMAN; MRS. WHITE, MISS GOULD, AND  
MISS WOOLRICH

	HOURS PER WEEK		
	REC.	LAB.	CR.
<b>1. a,b. Introduction to Home Economics.</b>			
First term	3	—	3
Second term	2	—	2
<b>2. Clothing Selection Problems. (W,S)</b>	3	4	5
<b>3. Design. (F,W)</b>	2	4	4
<b>4. The House. (W,S)</b>	3	3	4
<b>5. a,b,c. Foods. Prerequisite, one year of chemistry, or two terms of chemistry with Biochemistry 4 parallel.</b>			
First term	3	4	5
Second term	3	4	5
Third term	—	4	2
<b>7. a,b. Clothing Construction. Courses 2 and 3 prerequisite, or parallel.</b>	—	6	3
<b>10. Home Care of the Sick. (S) Prerequisite, Bacteriology 3.</b>	1	—	1
<b>11. Household Management. (F,S)</b>	3	—	3
<b>14. The Preschool Child. (F,W,S)</b>	3	4	5
<b>17. Applied Design. (W,S) Prerequisite, Course 3.</b>	—	4-6	2-3
<b>19. Foods (For Nurses). (F,S)</b>	2	2	3
<b>21. Household Administration. (F,W,S) Seniors or juniors by permission.</b>	—	—	4
<b>23. Family Meals. (F,S) Arts and Sciences students.</b>	2	2	3
<b>26. The Child in the Home. (F,W,S) Arts and Sci- ences students only. Laboratory, if arranged.</b>	3	4	3-5
<b>28. Camp Feeding. (W)</b>	1	2	3
<b>43. Home Furnishing. (W) Prerequisites, Courses 3 or 4, or permission.</b>	2	2	3
<b>45. Advanced Clothing Construction. (F,S)</b>	—	6	3
<b>47. Fundamentals of Costume Design. (S) Prerequisite, Course 3.</b>	—	2	1
<b>49. Clothing Patterns. (W,S)</b>	—	6	3
<b>51. Clothing Economics. (W)</b>	1	—	1
<b>52. Draping. (S) Prerequisite or parallel, Course 51.</b>	—	6	3
<b>54. Family Economic Problems. (S)</b>	5	—	5
<b>55. Home Economics Education. (F)</b>	3	2	4
<b>57A. Food Preservation. (F) Prerequisite, Course 5. Parallel Bacteriology 3 and 5.</b>	—	—	1
<b>57B. Demonstrations. (S) Seniors or juniors by permission.</b>	—	—	1

57C. Nursery School Meals. (F,W,S) Prerequisite, Course 65.	—	—	1-2
59A-J. Special Problems. (F,W,S) A, Nutrition; B, Foods; C, Clothing and Textiles; D, Design; E, History of Costume; F, House; G, Child Development; H, Household Management; I, Home Economics Education; J, Institutional Management.	—	—	1-6
61. History of Costume. (F)	2	—	2
63. Nutrition. (F,W,S) Prerequisite, Biochemistry 5, or Chemistry 51, 52.	3	—	3
65. Dietetics. (F,W,S) Prerequisite, Course 5.	—	6	3
67. Nutrition in Abnormal Conditions. (F,S) Prerequisite, Course 63.	3	—	3
71. Supervised Teaching. (F,W,S)	—	—	3
73. Supervised Field Teaching. (F,W,S)	—	—	3
74. Supervised Field Teaching. (F,W,S)	—	—	3
78. Advanced Home Economics Education. (S)	3	—	3
81A. Institutional Foods. (F,W,S)	1	6	3
81B. (F,W,S)	1	6	3
83. Institution Management. (F,S)	3	—	3
85. School Lunch. (W)	1	—	1
87. Institutional Foods Management Laboratory. (F,W,S) Prerequisite, Course 81.	—	3-12	1-4
91. a.b.c. Costume Design.	1	4	3
101. Advanced Nutrition. Prerequisite, Course 63.	—	—	2-4
103. Food Economics. Prerequisites, Courses 63 and 65.	—	—	2-3
125. Graduate Thesis. (F,W,S)			Ar.

### CURRICULA IN HOME ECONOMICS

The basic curriculum in Home Economics is organized to enable the student to meet the responsibilities of the home maker and citizen at the level consistent with her educational advantages. The sequences, from which she chooses one, constitute vocational or prevocational training for the professions most commonly of interest to Home Economics students. The remainder of the program is elective and may consist of any courses in the University for which the student has prerequisites. Of the total 192 hours, one half must be in subjects other than those essentially technical or professional.

#### Basic Curriculum in Home Economics

The following is required of all students majoring in the department. The term in which starred courses are taken may vary from the arrangement below.

**Freshman Year**

FALL TERM				WINTER TERM			
Subject		Hours		Subject		Hours	
		Rec.	Lab. Cr.			Rec.	Lab. Cr.
Ch 5a	Inorganic Chem.	2	2 3	Ch 5b	Inorganic Chem.	2	2 3
Eh 1a	Freshman Comp.	3	0 3	Eh 1b	Freshman Comp.	3	0 3
He 1a	Intro. to Home Ec.	3	0 3	He 1b	Intro. to Home Ec.	2	0 2
He 3	Design	2	4 4	*He 2	Cloth. Sel. Prob.	3	4 5
My 1a	Mod. Society	3	0 3	My 1b	Mod. Society	3	0 3
Pe 1a	Phy. Education	0	2 0	Pe 1b	Phy. Education	0	2 0
<hr/>				<hr/>			
16				16			

**SPRING TERM**

Subject		Hours	
		Rec.	Lab. Cr.
Bc 4	Organic Chem.	4	2 5
Eh 1c	Freshman Comp.	3	0 3
*He 14	The Pre-School Child	3	4 5
My 1c	Mod. Society	3	0 3
Pe 1c	Phy. Education	0	2 0
<hr/>			
16			

**Sophomore Year**

Rec. Lab. Cr.			Rec. Lab. Cr.		
*He 5a	Foods	3 4 5	*He 5b	Foods	3 4 5
Pe 3a	Phy. Education	0 2 0	Pe 3b	Phy. Education	0 2 0
Py 1a	Gen. Psych.	2 2 3	Py 1b	Gen. Psych.	2 2 3
Sequence & Elec. 8			Zo 12b	Anat. & Physi.	2 4 4
			Sequence & Elec. 4		
<hr/>			<hr/>		
16			16		

**SPRING TERM**

Subject		Hours	
		Rec.	Lab. Cr.
*He 5c	Foods	0	4 2
Pe 3c	Phy. Education	0	2 0
Py 1c	Gen. Psych.	2	2 3
Zo 12b	Anat. & Physi.	2	2 3
Sequence & Elective		8	
<hr/>			
16			

**Junior Year**

Rec. Lab. Cr.			Rec. Lab. Cr.		
By 3	Bacteriology	3 0 3	By 10	Sanitation and Public Health	3 0 3
By 5	Bacteriology	0 2 1	*He 4	The House	3 3 4
*Sy 1a	Prin. of Soc.	3 0 3	*Sy 1b	Prin. of Soc.	3 0 3
Sequence & Elec. 9			Sequence & Elec. 6		
<hr/>			<hr/>		
16			16		



## SPRING TERM

Subject	Hours		
	Rec.	Lab.	Cr.
*Ag 47 Household Equip.....	3	2	4
He 10 Home Care of the Sick... 0	2	1	
Sequence & Elective.....			11
			16

## Senior Year

## FALL TERM

Subject	Hours		
	Rec.	Lab.	Cr.
*He 11 Household Mgt.....	3	0	3
Sequence & Elec.....			13
			16

## WINTER TERM

Subject	Hours		
	Rec.	Lab.	Cr.
*He 21 Household Admin. ....	0	12	4
Sequence & Elec.....			12
			16

## SPRING TERM

Subject	Hours		
	Rec.	Lab.	Cr.
*He 54 Family Ec. Prob.....	5	0	5
Sequence & Elective.....			11
			16

## SEQUENCES

**Home Economics Education.** 51 hours. This sequence fulfills the state certification requirements for teaching junior and senior high school home economics and certain science courses, and completes the academic requirements for vocational certification. Students sometimes find it desirable to choose electives so as to qualify themselves to teach an additional subject. Pj 2, Pj 4 and He 17 are recommended.

Bc 5	5	He 55	4	He 73	3
Ed 65	3	He 57A	1	He 74	3
He 7 a,b	6	He 57B	1	He 78	3
He 45	3	He 63	3	He 81	3
He 47	1	He 65	3	He 85	1
He 49	3	He 71	3	Sh 1	2

**Extension Teaching.** 40 hours. This sequence prepares the student for work as a home demonstration agent or 4-H Club agent. Further work in institutional foods, clothing, journalism and the social sciences is recommended. Students often combine this sequence with Home Economics Education.

Bc 5	4	He 49	3	He 63	3
Eh 19	3	He 55	4	He 65	3
He 7 a,b	6	He 57A	1	He 81	3
He 45	3	He 57B	1	Sh 1	2
He 47	1			Sy 24	3

**Food and Nutrition.** 31-32 hours. This sequence is for students preparing for positions as hospital dietitians, nutritionists, institution managers, research assistants in foods and nutrition, or home economists in commercial food fields. The following sequence meets requirements of the American Dietetic Association for

admission to approved hospitals for dietetic training. For students with other interests, appropriate substitutions may be made for starred courses.

Bc 5	5	He 63	3	*He 67	3
*Bc 9 or 60	3-4	He 65	3	*He 81a, 81b	
*Ed	5			84, 87, 59j	9

**Textiles and Clothing.** 30-31 hours. This sequence is for students interested in the merchandizing, design, or advertising branches of clothing and textiles. Electives in psychology, public speaking, theatre, French, history and journalism are advised.

He 7 a,b	6	He 45	3	He 52	3
He 17	2-3	He 51	1	He 61	2
He 43	3			He 91 a,b,c	9

**Child Development.** 32-34 hours. This sequence is for students interested in prevocational training in fields such as nursery school, parent education, child welfare and group work. Electives in public speaking, in the appreciation of art and music, genetics and additional zoology, English, and education are also recommended. Arrangements are made for three students each year to do one term's work in this field at the Merrill-Palmer School, Detroit, Michigan. The work will be accepted as applying on basic and sequence requirements.

Bc 5	4	He 63	3	Py 67, 71c, 76	} 18 hours selected
He 57c	2	He 65	3	77, 81	
He 59g	2-4			Sy 20, 41, 52, 57	

**General Home Economics and Special Sequences.** For students who wish basic training in home economics, but are not interested in any of the salaried Home Economics vocations, a sequence of twenty-one hours is available. This consists of twenty-one hours of advanced home economics courses in addition to those required in the basic curriculum. Special sequences of twenty-one hours in advanced home economics courses and related work in other departments will be arranged for students whose needs are not met by the sequences listed above.

### ALL DEPARTMENTS

**Summer Projects.**—A student in the College of Agriculture desiring to carry out a field project during the summer recess under faculty direction may obtain credit for such work, providing proper arrangement is made with the major department concerned and the project is successfully carried through to completion. Project work may be conducted during any summer recess between the freshman and senior years. Freshman-Sophomore Project is designated Pj 1, and Sophomore-Junior Project is designated Pj 2, each limited to 1½ hour credits. Junior-Senior Project is designated Pj 4 and may be 1½, 3, or 4½ credits. Complete details concerning project work may be obtained from heads of departments in which major curricula are offered.

## CURRICULUM FOR TWO-YEAR COURSE IN AGRICULTURE

DIRECTOR LORING

This is a course of training for young men who wish to become practical farmers, farm superintendents, dairymen, poultrymen, fruit-growers, or gardeners,

but who cannot devote time to full high-school or college training. It is also open to women.

The same equipment is used as in the four-year curricula. The classes are separate and distinct from the four-year classes during the first year.

Students who have satisfactorily completed two years of high-school work are eligible for registration.

There are no entrance examinations required of those who desire to enter the Two-Year Course.

On completion of the course a certificate is awarded those who have satisfactorily met the requirements.

### First Year

FALL TERM				WINTER TERM			
Subject	Hours			Subject	Hours		
	Rec.	Lab.	Cr.		Rec.	Lab.	Cr.
Dairy Cattle.....	4	2	5	Crops .....	3	2	4
Farm Economics .....	3	0	3	Dairying .....	3	4	4
Poultry Raising .....	3	2	4	English .....	2	0	2
Soils and Fertilizers.....	3	3	4	Farm Mgt. and Accounting.....	3	4	4
Elective .....			4	Farm Machinery.....	2	3	3
				Elective .....			3
			20				20

### SPRING TERM

Subject	Hours		
	Rec.	Lab.	Cr.
English .....	2	0	2
Farm Power .....	3	3	4
Forage and Pasture Crops.....	2	2	3
Marketing Farm Products.....	3	0	3
Vegetable Growing .....	2	2	3
Elective .....			5
			20

### Second Year

Second year subjects are elected from the regular four-year courses as listed under the preceding departments of instruction with the approval of the Director of Short Courses. This provides opportunity for specialization in the field of the student's interest. Eighteen to nineteen credit hours per term is considered a normal registration.

# College of Arts and Sciences

The College of Arts and Sciences endeavors to furnish opportunities for students to acquire knowledge and skill in a variety of fields wherein a cultural emphasis is prominent.

For purposes of administration, the College is divided into thirteen departments. All students are required to take work in several of these departments, but in general the degree of specialization can vary widely to fit the needs of individuals. Thus some may desire to pursue studies in only a few of the major departments while others may prefer to take work of greater subject matter range. The College has prepared, for those who desire them, specific programs of study in many pre-professional and vocational fields (see page 102). Considerable flexibility is permitted the student within all these programs.

The College has as a major objective the desire to furnish its students with a general cultural background. Within the framework of this background the student will also find much that is of utilitarian value. The College seeks to train men and women in critical intelligence, broad and sympathetic understanding of human needs, and determination of purpose.

Arts and Sciences students who are interested in taking subjects offered in one of the other colleges of the University may do so provided they have fulfilled the necessary prerequisites. In collaboration with the School of Education, this College offers specific training to prospective teachers.

## GENERAL INFORMATION

**Admission.** The specific requirements for admission are given in full elsewhere in the catalog (see page 43). All deficiencies in entrance requirements must be made up before registering for the junior year. Students who transfer from other colleges with advanced standing must satisfy all admission requirements within a year. Graduates of Maine normal schools who rank in the upper half of their class and whose high-school records satisfy the entrance requirements of the College will be allowed half credit for courses at the normal school.

**Transfer Credit.** No transfer credit will be allowed for courses taken at another institution in which grades below C have been received. Evaluation of courses taken at another institution for which transfer credit is asked rests with the Director of Admissions and the Dean.

**Graduation Requirements.** The work of the College of Arts and Sciences leads to the degree of Bachelor of Arts (B.A.). Men students not excused from taking Military Science are required to complete 190½ credit hours;\* all other students are required to complete 180 hours. Of the total number of credit hours received, 142 must be of C grade or better and twenty-seven to thirty-six hours must be completed in the major field during the last two years. Every candidate for the degree is required to complete a basic course in English, in social science, and in mathematics or natural science. He is also required to elect a foreign

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\* The term "credit hours" in the present catalog refers to credit earned for study during a twelve-week quarter. One of these credit hours is equivalent to two-thirds of one obtained for a semester's work. Thus a student who has already acquired a number of semester credit hours may find the equivalent number of quarter hours by multiplying by three-halves.

language until he has demonstrated by means of a reading test that he can read and understand it with some ease.

Unless excused for disability, women students are required to complete two years of work in Physical Education; men are required to take two years of Military Science and Physical Education throughout their University course. The course, Healthful Living, is required of all women in the freshman year and of transfer students who are admitted as sophomores.

The passing of a comprehensive examination is a requirement for the degree in certain departments.

Satisfactory work in written English is required throughout the College course.

Students who transfer to this college from another college of the University will be required to do two full years' work in the College of Arts and Sciences and satisfy all specific requirements before receiving the Bachelor of Arts degree, with the exception that students from the College of Technology may transfer after the junior year and be graduated after one year's work as majors in the Departments of Physics, Chemistry, or Mathematics; and students from the College of Agriculture may similarly transfer and be graduated as majors in the Department of Zoology.

**The First Two Years.** The first two years of the student's college course constitute a unified period during which he studies, for the most part, basic courses in varied fields. The objective of these years is twofold: first, to enable the student to acquire knowledge over an extended area, and second, to prepare him to undertake studies of a distinctly advanced nature in some major subject or field.

In order to meet these objectives and also to fulfill certain of the graduation requirements as noted in the previous section, freshmen are expected to elect a basic course from each of the following groups:

I. ENGLISH. English 1 is required unless the student is admitted by the department to a more advanced course.

II. FOREIGN LANGUAGE. Greek, Latin, French, Spanish, German. Students who pass a reading test in an approved foreign language may be excused from this requirement.

III. SOCIAL STUDIES: American History, European History, Ancient Civilization, Modern Society.

IV. NATURAL SCIENCE AND MATHEMATICS: An approved sequence from the following: Astronomy, Botany, Chemistry, Geology, Mathematics, Physics, and Zoology.

For those students taking Military Science the maximum registration is sixteen credit hours *exclusive* of this subject; for others the maximum registration is sixteen hours. The minimum is fourteen hours.

During the sophomore year the student is advised to continue his general interest in exploration by adding at least two new major fields of learning to those taken during the freshman year. This will insure for him some likelihood of a wise decision regarding his field of concentration because he will have had some experience in at least six different fields. It is frequently advisable to take more than one course in a prospective major subject, in order to test actual interest and to satisfy preliminary requirements for advanced work, but normally not more than six hours may be taken in one subject in any term of the sophomore year.

During the first two years a student must show evidence of ability to pursue advanced courses successfully. Work of C grade or above will be interpreted as

satisfactory. *Students with records consistently below this standard will be advised to withdraw from the University at the end of their sophomore year.*

Throughout the freshman and sophomore years, the student is under the general supervision of the Dean of the College. The Dean is assisted by faculty advisers whose purpose is to give each student individual guidance in selection of courses and advice concerning problems of personal adjustment.

**The Last Two Years.** On the completion of about one half of the hours required for graduation, the student, in conference with his adviser and with the approval of the Dean, selects his major subject. The department in which the major subject chiefly falls becomes for administrative purposes the student's major department, and the head of that department is his major instructor. The latter is responsible for the student before the faculty and must approve the student's registration.

The major curriculum is the nucleus of related courses selected by the student as representing his chief field of interest or major subject. It is restricted to a maximum of thirty-six and a minimum of twenty-seven hours in the junior and senior years, but it is expected that the student's entire program will form a coherent unit. No elementary or introductory courses may be included in the major curriculum, though such courses may be taken in other fields with the major adviser's approval. In general, it is assumed that upperclass students will take courses of an advanced nature.

Selected students may take advanced courses in Infantry during their junior and senior years. Nine credit hours for the degree of Bachelor of Arts are granted for two years of advanced Military.

**Comprehensive Examinations.** Most departments in the College require comprehensive examinations of their senior major students. Certain departments also give basic or preparatory comprehensives, in the spring semester of the junior year. The purpose of the comprehensive examination is to provide the student with an opportunity to demonstrate his knowledge of the salient features of his general field of study. It aims to make clear the unity of the field as a whole. It is, therefore, designed in such a way as to develop perspective and to encourage organization of materials as well as accuracy and range of knowledge. The student is thus able to evaluate his ability in the field of his major interest and to make a smooth transition to his professional and graduate work.

**Honors Program.** A program of Honors Work for the benefit of the superior student is offered by the College of Arts and Sciences. The purpose is to encourage exceptional ability by affording opportunities for the exercise of that ability and by rewarding high achievement with appropriate distinction. The opportunities are intended especially to stimulate originality, intellectual curiosity, and resourcefulness, and they require a large measure of self-reliance. The student does his work under the supervision of a tutor, whom he meets in conference at regular intervals for advice and informal discussion. The rewarding distinction, which is the highest offered in the College of Arts and Sciences, is conferred upon the successful completion of all or a sufficient part of the Honors program, in the form of graduation Honors, which are of three grades: Honors, High Honors, Highest Honors.

**Professional Certificates for Teachers.** The Professional Secondary Certificate is granted for a period of two years to graduates of the College who have completed not less than twenty-seven credit hours in education, not more than nine of which may be in the field of psychology. The courses taken to satisfy this requirement should be completed with a grade of C or better.

In addition to completing a major subject, candidates for the Certificate are expected to complete at least one minor teaching subject. The amount of work necessary to complete a minor is determined by the department concerned.

Among the combinations of major and minor subjects often expected of prospective teachers are mathematics and science, French and Latin, English and history, English and French, history and Latin, English and Latin, and French and history.

**Five Year Curriculum in Liberal Arts and Nursing.** In cooperation with the Central Maine General Hospital, Lewiston, the Eastern Maine General Hospital, Bangor, and the Maine General Hospital, Portland, a combined course is offered which leads to the degree of Bachelor of Arts and the diploma in Nursing. Students electing this program attend the University during the first, second, and fifth years, and the School of Nursing during the intervening summers as well as the third and fourth years (see page 105). Prospective students should write to the Director of Admissions for further information.

**Medical Technology.** Students electing this program may spend three years at the University, followed by eighteen months at the Stodder Laboratory of the Eastern Maine General Hospital, and obtain the degree of Bachelor of Arts (see page 104). The work at the University also meets the entrance requirements of schools of medical technology other than those of the Stodder Laboratory.

**Bangor Theological Seminary.** Students in the College of Arts and Sciences have the privilege of registering for courses in Bangor Theological Seminary not to exceed five credit hours per semester, without payment of tuition charges, and a like privilege is extended by the College to students in the Seminary. The courses for which students may register must be approved by the Dean of the College, the President of the Seminary, and the instructor in the subjects concerned in both institutions.

Seminary students who are admitted to advanced standing at the University will not be allowed duplicate credit for work already done at the University.

Students who have completed the junior college curriculum of the Seminary and who, on that basis, wish to be admitted to advanced standing in the College of Arts and Sciences should plan to select a major for which their previous Seminary work offers a reasonable preparation. While at the Seminary, so far as possible, they should endeavor to complete all subject requirements of the College, especially that in foreign language.

**Summer Session.** Before students of the College of Arts and Sciences pursue Summer Session courses in any institution other than the University, they must secure the approval of the Dean in writing, if they expect degree credit for such work. A marked bulletin of the institution should be left at the Dean's Office with a note requesting such credit for the selected courses.

**Marine Laboratory at Lamoine.** The University, through the Zoology Department, has facilities for a summer course in marine invertebrate zoology at the Lamoine laboratory on Frenchman's Bay. The program, which has been temporarily discontinued until after the war, offers credit for both graduate and undergraduate work.

### SPECIMEN CURRICULA

Pre-professional, vocational, and departmental curricula are available and may be obtained from the Director of Admissions on request. These curricula will provide the student with a general idea of the character of preparation recommended. All possible latitude is allowed in order to permit development of the student's own interests and aptitudes. A few representative curricula follow:

**SPECIMEN MAJOR CURRICULUM FOR PREMEDICAL AND  
\*\*PRE-DENTAL STUDIES**

**Freshman Year**

FIRST TERM		SECOND TERM	
	Hours		Hours
Ch 1a	General Chemistry.....4	Ch 1b	General Chemistry.....4
Eh 1a	Freshman Composition.....3	Eh 1b	Freshman Composition.....3
*Gm 1a	German.....4	Gm 1b	German.....4
Mt A	Military Training.....1½	Mt B	Military Training.....1½
Pt 1	Physical Education.....0	Pt 2	Physical Education.....0
Zo 3a	Animal Biology.....4	Zo 3b	Animal Biology.....4

**THIRD TERM**

	Hours
Ch 1c	General Chemistry.....4
Eh 1c	Freshman Composition.....3
Gm 1c	German.....4
Mt C	Military Training.....1½
Pt 3	Physical Education.....0
Zo 3c	Animal Biology.....4

\* Two years of a modern foreign language, preferably German, are usually required for medical school admission. Candidates should be familiar with the specific requirements of several schools before planning their first-year program.

**Sophomore Year**

†Ch 51a	Organic Chemistry.....5	Ch 51b	Organic Chemistry.....5
Gm 3a	German.....3	Gm 3b	German.....3
Mt D	Military Training.....2	Mt E	Military Training.....2
My 1a	Modern Society.....3	My 1b	Modern Society.....3
Pt 4	Physical Education.....0	Pt 5	Physical Education.....0
Zo 15a	Comparative Anatomy.....4	Zo 15b	Comparative Anatomy.....4

**THIRD TERM**

	Hours
Ch 51c	Organic Chemistry.....5
Gm 3c	German (†Gm 15, Scientific German).....2-3
Mt F	Military Training.....2
My 1c	Modern Society.....3
Pt 6	Physical Education.....0
Zo 15c	Comparative Anatomy.....4

† Students who plan to enter medical school within three years must take General Physics the second year. This together with Organic Chemistry and Comparative Anatomy makes a very heavy program. A four-year program leading to a B.A. degree is desirable and usually necessary.

‡ With the permission of the German Department.

**Junior Year**

By 1-3	Bacteriology.....5	Ps 1b	General Physics.....5
Ps 1a	General Physics.....5	Pt 8	Physical Education.....0
Pt 7	Physical Education.....0	Py 1b	General Psychology (or Mathematics).....3-4
Py 1a	General Psychology (or Mathematics).....3-4	Zo 41b	Histology.....4
	Elective in Literature.....3		Elective in Literature.....3

\*\* Requirements for entry to dental schools can be met in two years by the inclusion of General Physics in the Sophomore year of this curriculum.



## THIRD TERM

			Hours
Ps	1c	General Physics .....	5
Pt	9	Physical Education .....	0
Py	1c	General Psychology (or Mathematics).....	3-4
Zo	18	Embryology .....	5
		Elective in Literature.....	3

## Senior Year

## FIRST TERM

		Hours
Ch	40a	Quantitative Analysis.....4
Pt	10	Physical Education.....0
Zo	37a	General Physiology.....4
Zo	55a	Zoology Seminar.....1
		Electives .....
		6

## SECOND TERM

		Hours
Bt	45	Genetics .....
Pt	11	Physical Education.....0
Zo	37b	General Physiology .....
Zo	55b	Zoology Seminar.....1
		Electives .....
		6

## THIRD TERM

			Hours
Pt	12	Physical Education .....	0
Zo	17	Parasitology .....	4
Zo	37c	General Physiology.....	4
Zo	55c	Zoology Seminar.....	1
		Electives .....	6

## SPECIMEN MAJOR CURRICULUM FOR MEDICAL TECHNOLOGY

## Freshman Year

## UNIVERSITY OF MAINE

## FIRST TERM

		Quarter Hours
Ch	1a	General Chemistry.....4
Eh	1a or 11a	Freshman Composition.....3
Fr or Gm	1a	French or German.....3-4
Pe	1a	Physical Education.....0
Pe	19a	Hygiene (women).....2
Zo	3a	Animal Biology .....
		4

## SECOND TERM

		Quarter Hours
Ch	1b	General Chemistry.....4
Eh	1b or 11b	Freshman Composition.....3
Fr or Gm	1b	French or German.....3-4
Pe	1b	Physical Education.....0
Pe	19b	Hygiene (women).....1
Zo	3b	Animal Biology .....
		4

## THIRD TERM

		Quarter Hours
Ch	1c	General Chemistry.....4
Eh	1c or 11c	Freshman Composition.....3
Fr or Gm	1c	French or German .....
		3-4
Pe	1c	Physical Education .....
		0
Zo	3c	Animal Biology.....
		4

**Sophomore Year**

## UNIVERSITY OF MAINE

FIRST TERM		SECOND TERM	
	Quarter Hours		Quarter Hours
Ch 40a	Quantitative Analysis.....3	Ch 40b	Quantitative Analysis.....3
Fr or Gm 3a	French or German.....3	Fr or Gm 3b	French or German.....3
Hy or My 1a	History or Modern Society 3	Hy or My 1b	History or Modern Society 3
Pe 3a	Physical Education.....0	Pe 3b	Physical Education.....0
Py 1a	General Psychology.....3	Py 1b	General Psychology.....3
Zo 41a	Histology.....4	Zo 41b	Histology.....4

## THIRD TERM

	Quarter Hours
Fr or Gm 3c	French or German.....3
Hy or My 1c	History or Modern Society.....3
Pe 3c	Physical Education.....0
Ps 3	Descriptive Physics.....3
Py 1c	General Psychology.....3
Zo 17	Parasitology.....4

**Junior Year**

## UNIVERSITY OF MAINE

FIRST TERM		SECOND TERM	
	Quarter Hours		Quarter Hours
By 1-3	Bacteriology.....6	By 52	Bacteriology.....4
Ch 51a	Organic Chemistry.....5	Ch 51b	Organic Chemistry.....5
Eh	Elective in Literature.....3	Eh	Elective in Literature.....3
	Elective.....3-4		Elective.....3-4

## THIRD TERM

	Quarter Hours
Bt 45	Genetics.....4
Ch 51c	Organic Chemistry.....5
Eh	Elective in Literature.....3
	Elective.....3-4

Eighteen months in Hospital Laboratory. This work completes the requirements for the degree.

**CURRICULUM IN LIBERAL ARTS AND NURSING****First Year**

FIRST TERM		SECOND TERM	
	Hours		Hours
Ch 5a	Inorganic Chemistry.....3	Ch 5b	Inorganic Chemistry.....3
Eh 1a	Freshman Composition.....3	Eh 1b	Freshman Composition.....3
Zo 3a	Animal Biology.....4	Zo 12a	Human Anatomy and Physiology.....4
	Language.....3-4		Language.....3-4
	Elective.....2-3		Elective.....2-3
Pe 1a	Physical Education.....0	Pe 1b	Physical Education.....0
	<hr/>		<hr/>
	15-17		15-17

## THIRD TERM

			Hours
Bc	4	Organic Chemistry.....	5
Eh	1c	Freshman Composition.....	3
Zo	12b	Human Anatomy and Physiology .....	3
		Language .....	3-4
		Elective .....	2-3
Pe	1c	Physical Education.....	0
			16-18

Eight weeks preliminary period in Hospital School of Nursing.

## Second Year

FIRST TERM			SECOND TERM				
			Hours				Hours
Bc	5	Biochemistry .....	5	By	10	Sanitation and Health.....	3
By	1	Bacteriology .....	3	He	63	Nutrition .....	3
By	3	Bacteriology .....	3	Py	1b	General Psychology .....	3
Py	1a	Psychology .....	3	Sy	1b	Sociology .....	3
Sy	1a	Sociology .....	3			Elective .....	3
Pe	3a	Physical Education.....	0	Pe	3b	Physical Education.....	0
			17				15

## THIRD TERM

			Hours
He	66	Dietetics .....	3
Ps	3	Descriptive Physics .....	3
Py	1c	General Psychology.....	3
Sy	1c	Sociology .....	3
		Elective .....	3
			15

Third and Fourth Years in Hospital School of Nursing.

## Fifth Year

FIRST TERM			SECOND TERM				
			Hours				Hours
Ed	59a	Principles of Secondary Education .....	3	Eh	9b	Modern Literature.....	2
Eh	9a	Modern Literature.....	2	Es	2b	Economics .....	3
Es	2a	Economics .....	3	Py	71b	Abnormal Psychology and Mental Hygiene .....	3
Py	71a	Abnormal Psychology and Mental Hygiene .....	3	Ne	55b	Nursing Seminar.....	2
Ne	55a	Nursing Seminar.....	2			*Recommended electives .....	5
		*Recommended elective .....	3				
			16				15

THIRD TERM

	Hours
Ed 65c Educational Measurements.....	3
Es 2c Economics .....	3
Py 71c Abnormal Psychology and Mental Hygiene .....	3
Ne 55c Nursing Seminar.....	2
*Recommended electives.....	4
	15

\* Recommended Electives: Py 67, Child Psychology; Sy 41, Marriage and the Family; Sy 57, Group Work Leadership; Sy 20, The Field of Social Work; Sy 52, Child Welfare; By 52, Bacteriology; Zo 41, Histological Technique.

SPECIMEN MAJOR CURRICULUM FOR BUSINESS ADMINISTRATION

Freshman Year	Sophomore Year
Eh 1 English Composition	Ba 9 Accounting
Hy 5 European History	Ce 12 Economic Geography
Mt A,B,C Military Training	Es 2 Principles of Economics
My 1 Modern Society	Ms 17 Math Theory of Investments
Pt 1-3 Physical Education	Mt D,E,F Military Training
Foreign Language	Py 1 General Psychology
Mathematics or Science	Pt 4-6 Physical Education
	Foreign Language
Junior Year	Senior Year
Ba 51 Corporation Finance	Ba 56 Business Law
Ba 59 Business Management and Policy	Ba 96 Seminar
Ba 60 Personnel Management	Eh 31 Political and Social Ideals in English Literature
Ba 95 Seminar	Es 53 Money and Banking
Es 33 Labor Problems	or
Hy 59 Economic History of the U. S.	Es 71 Taxation
Ms 19 Statistics	Es 91 Economic Analysis
Pt 7-9 Physical Education	Gt 52 Public Administration
	Pt 10-12 Physical Education

Note: This curriculum is suggestive rather than rigid. Considerable flexibility is allowed in the last two years in order to meet student interest and vocational aims.

SPECIMEN MAJOR CURRICULUM IN PRE-LEGAL STUDIES

Freshman Year	Sophomore Year
Eh 1 Freshman Composition	Ba 9 Accounting
Hy 3 United States History	Eh 7 Second Year Composition
Mt Military Training	Gt 33 Municipal Government
My 1 Modern Society	Hy 17 English History
Pt 1 Physical Education	Mt Military Training
Foreign Language	t 3 Physical Education
Science	Py 1 General Psychology

<b>Junior Year</b>		<b>Senior Year</b>	
Eh 3	History of English Literature	Ba 51	Corporation Finance
Es 33	Labor Problems		or
Es 74	Labor and Government	Ba 59	Business Management and Policy
Gt 51	Public Administration	Ba 54	Investments
Ms 19	Statistics		or
Sh 1	Public Speaking	Ba 60	Personnel Management
Sh 4	Debate	Ba 55	Business Law
		Eh 31	English Ideals in Literature
		Es 53	Money and Banking
			or
		Es 71	Public Finance
		Gt 73	International Relations
		Gt 83	Constitutional Law
		Gt 100	Political Theory

Note: This specimen curriculum is suggestive only, not rigid.

### SPECIMEN MAJOR CURRICULUM FOR PRE-PROFESSIONAL PREPARATION FOR SOCIAL SERVICE WORK

<b>Freshman Year</b>		<b>Sophomore Year</b>	
Eh 1	English Composition	Gt 31	American Government
My 1	Modern Society	Pe 3	Physical Education
Pe 1	Physical Education	Py 1	General Psychology
Pe 21	Hygiene	Sy 1	Principles of Sociology
Sh 1	Public Speaking	Sy 2	Problems of Sociology
Zo 3	Animal Biology	Sy 46	Social Anthropology
	Foreign Language (to be taken until reading test is passed)		Electives from fields of Art, Music, Philosophy, Drama, History or Literature
<b>Junior Year</b>		<b>Senior Year</b>	
Eh 71	American Literature	Gt 51	Public Administration
Es 33	Labor Problems	Ba 60	Personnel Management
Sy 52	Child Welfare	Py 71	Abnormal Psychology
	or	Py 72	Mental Hygiene
Sy 20	Field of Social Work	Sy 41	Marriage and the Family
Sy 61	Social Pathology	Sy 57	Group Work Leadership
Sy 62	Criminology	Sy 83	Population
Sy 84	Race Relations	Sy 95	Sociology Seminar
Sy 65	Urban Sociology		Electives in Government, Psychology, History, Economics
Sy 24	Rural Sociology		
	Electives in History, Government, Psychology, Economics		

Note: This curriculum is suggestive rather than rigid. Considerable flexibility is allowed in the last two years in order to meet student interest and vocational aims.

## DEPARTMENTS OF INSTRUCTION

*Courses numbered 1-50 are for undergraduates only; courses numbered 51-100 are primarily for upperclassmen and graduates; courses numbered above 100 are primarily for graduates.*

*If a course is continued through two or three quarters, the letters a,b or a,b,c appear directly after the course number. In almost all such cases the first term course may be taken by itself, but the second may not be taken prior to the first.*

## ART

MR. H. R. SMITH\*; MRS. STOECKELER

	HOURS PER WEEK		
	CLASS	LAB.	CREDIT
1. a,b,c. Free-Hand Drawing and Sketching.	—	4	2
3. a,b,c. Modeling and Ceramics.	—	4	2
5. a,b,c. Art Workshop.	—	4	—

Temporarily omitted: 15. Art Appreciation; 16. Advanced Art Appreciation; 17. History of Art; 19. Art in the Community; 20. American Painting.

## ASTRONOMY

PROFESSOR JORDAN

The courses in Astronomy are listed under the Department of Mathematics and Astronomy.

## CHEMISTRY

PROFESSORS BRADT\*, BRANN, BRAUTLECHT; ASSOCIATE PROFESSORS DOUGLASS†, OTTO\*; ASSISTANT PROFESSOR BOGAN; DR. MARTIN

Students taking chemistry as a major subject in the College of Arts and Sciences must complete satisfactorily Ch 1, 31, 40, 51, 64, 71, and advanced courses in organic, inorganic, physical chemistry or biochemistry equivalent to two lectures per week for thirty weeks, and three hours of laboratory per week for fifteen weeks. Courses in mathematics must include differential and integral calculus. A reading knowledge of German is required. One year of physics is required and a second year is recommended. In addition to freshman composition and required German, the student must take 24-27 credit hours in courses other than the physical sciences.

This curriculum conforms to the requirements set up by the American Chemical Society Committee for the Professional Training of Chemists.

Courses in the Department of Chemistry are described under the College of Technology.

\* On leave of absence for military service.

† Acting Department Head.

## CLASSICS

ASSISTANT PROFESSOR SMITH

The courses in Classics are listed under the Department of Romance Languages and Classics.

## ECONOMICS AND SOCIOLOGY

PROFESSORS KIRSHEN AND CHADBOURNE†; ASSOCIATE PROFESSOR LAMSON;  
ASSISTANT PROFESSOR HOBBAH†; MR. V. H. WHITNEY†; MISS E. G. WILSON;  
MR. STUART; MR. H. E. YOUNG; MISS M. WILSON

Cooperating members: PROFESSORS DOW AND LEVINSON

**Specific requirements:**

Economics: My 1 a,b,c, Modern Society; Es 2 a,b,c, Principles of Economics; Es 91 a,b, Economic Analysis; Es 96, Senior Seminar.

Business Administration: My 1 a,b,c, Modern Society; Es 2 a,b,c, Principles of Economics; Ba 9 a,b,c, Accounting; Ba 96, Senior Seminar; Es 91 a,b, Economic Analysis.

Sociology: Sy 1 a,b, Principles of Sociology; Sy 2, Problems of Sociology; Sy 96 a,b,c, Senior Seminar.

## COURSES IN ECONOMICS

	HOURS PER WEEK		
	CLASS	LAB.	CREDIT
2. a,b,c. Principles of Economics.	3	—	3
33. a,b. Labor Problems.	3	—	3
53. a,b. Money and Banking.	3	—	3
*62. Business Cycle.	3	—	3
64. International Trade.	3	—	3
71. Public Finance.	3	—	3
74. Labor and Government.	3	—	3
76. Public Utilities.	3	—	3
78. Economics of War.	3	—	3
*80. a,b. American Labor Movement.	3	—	3
*91. a,b. Economic Analysis.	3	—	3
*92. a,b. Economic Theory.	3	—	3
96. Seminar.	3	—	3
98. a,b,c. Projects in Economics. (See Head of Department)	2 or 3	—	2 or 3
125. Graduate Thesis.	—	—	6

\* Not offered in 1945-1946.

† On leave of absence.

## COURSES IN BUSINESS ADMINISTRATION

9. a,b,c.	Accounting.	2	2	3
51. a,b.	Corporation Finance.	3	—	3
52.	Corporations, Monopoly and Competition.	3	—	3
54.	Investments.	3	—	3
56. a,b,c.	Business Law.	3	—	3
*59.	Business Management and Policy.	3	—	3
60.	Personnel Management.	3	—	3
*65. a,b.	Industrial Accounting.	2	2	3
*66.	Cost Accounting.	2	2	3
96.	Seminar.	2	—	2
98. a,b,c.	Projects in Business Administration. (See Head of Department)	2 or 3	—	2 or 3
125.	Graduate Thesis.	—	—	6

## COURSES IN SOCIOLOGY

The courses offered serve as pre-professional background for social welfare work including the public assistance programs.

Sy 41 may not be counted toward a major.

		HOURS PER WEEK	
		CLASS	CREDIT
1. a,b.	Principles of Sociology.	3	3
2.	Problems of Sociology.	3	3
20. a,b.	The Field of Social Work. (Field trips)	3	3
24. a,b.	Rural Sociology (The Community) (Same course as Fm 24)	3	3
*28. a,b.	Sociology of War.	2	2
41. a,b.	Marriage and the Family.	3	3
46.	Social Anthropology.	3	3
52. a,b.	Child Welfare. (Field trips)	3	3
57. a,b.	Group Work Leadership.	3	3
61.	Social Pathology. (Field trips)	3	3
62. a,b.	Criminology. (Field trips)	3	3
*64.	Community Organization and Leadership. (Same course as Fm 64. Prerequisite, one course in Sociology)	3	3
65.	Urban Sociology.	3	3
83.	Population.	3	3
84. a,b.	Race Relations.	3	3
*86.	Social Change.	2	2
95. a,b,c.	Sociology Seminar.	2	2
97. a,b,c.	Projects in Sociology. (See instructor)	Arranged	
125.	Graduate Thesis.	—	6

\* Not offered in 1945-1946.



## ENGLISH

PROFESSORS ELLIS, TURNER, AND SMALL; ASSOCIATE PROFESSORS SCAMMAN, FLEWELLING, AND CROSBY; ASSISTANT PROFESSORS WHITNEY, REYNOLDS, AND WENCE\*; DR. SANDERLIN; DR. PERCIE TURNER; MRS. ELLIS; MISS OLIVER

Major fields may be selected in English literature, American literature and history, creative writing, journalism (temporarily omitted), comparative literature, or dramatic literature; or may combine courses in English and in some allied subject such as history, philosophy, music, speech, sociology, or any foreign literature.

Students electing English as a major should have completed the prerequisite courses Eh 3a,b,c and Eh 7a or b or c, or their equivalent before their junior year. A grade of C or better is expected in Eh 3a,b,c, and in eighteen hours of the major curriculum. English literature majors are required to take Hy 17a,b,c, History of England, or to pass an examination in the subject set by the English Department. An acquaintance with European and American history, philosophy, speech, and elementary psychology is recommended for all English majors.

The departmental major examinations comprise (a) an examination in the mechanics of composition in the spring semester of the junior year; (b) a critical report on some selected author in October of the senior year; (c) a written examination over the student's advanced work, and (d) a comprehensive oral examination, both in the final semester. A passing grade, and an average of C, in the written examinations are required for graduation.

Students planning to teach English should take Eh 84, and Eh 67 or 68 when offered. Major students in other departments who offer English as a second teaching subject in secondary schools should take Eh 3 a,b,c; at least one term of Eh 7, 57, and 71 or 43; and 84. Eh 67 is also strongly recommended.

## COURSES IN COMPOSITION AND RHETORIC

	HOURS PER WEEK	
	CLASS	CREDIT
<b>1. a,b,c. Freshman Composition.</b> Required of all freshmen and prerequisite for all other English courses.	3	3
<b>5. a,b. Technical Composition.</b> Prerequisite, junior standing in Technology or Agriculture.	2	2
<b>7. a,b,c. Second-Year Composition.</b>	3	3
<b>19. a. Expository Writing (Home Economics).</b>	3	3
<b>77. a,b,c. Creative Writing.</b> Prerequisite, English 7 a, b, or c or an equivalent, with honor grade.	3	3

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\* On leave during Spring quarter.

## COURSES IN LITERATURE

3. a,b,c. <b>History of English Literature.</b> A general prerequisite for advanced courses in English literature.	3	3
9. a,b. <b>Modern Literature.</b> Open only to students in Agriculture, Technology, and the Nursing Curriculum in the College of Arts and Sciences. May be taken in two successive terms for credit.	2	2
*11. a,b,c. <b>Freshman Literature and Composition.</b>	3	3
*31. a,b,c. <b>Political and Social Ideals in English Literature.</b>	2	2
35. a,b. <b>Recent Drama.</b>	2	2
37. <b>Tennyson and Browning.</b>	2	2
39. a,b. <b>The English Bible.</b>	2	2
*41. <b>Recent Writers of Maine.</b>	2	2
*43. a,b. <b>Nineteenth-Century American Literature.</b>	3	3
45. a,b,c. <b>Twentieth-Century Literature.</b>	3	3

Courses 51-100 may be taken by students who have satisfactorily completed Eh 3 a,b,c, or 11 a,b,c, and, with the instructor's permission, by Dean's List students in any college. These courses may, with the necessary approval, be taken for graduate credit by any qualified student.

53. a,b. <b>Chaucer.</b>	3	3
*55. <b>Poetry of the Romantic Movement.</b>	3	3
*56. <b>Victorian Poetry.</b>	2	2
57. a,b,c. <b>Shakespeare.</b>	3	3
61. a,b,c. <b>History of the British Drama.</b> Given in 1945-46 and alternate years.	3	3
*65. a,b,c. <b>Restoration and Eighteenth-Century Literature.</b>	3	3
*69. <b>The American Novel.</b>	3	3
71. a,b,c. <b>American Literature.</b>	3	3
81. a,b,c. <b>The English Novel.</b> Given in 1944-45 and alternate years.	3	3
101. <b>Graduate Seminar.</b> Subjects and credit vary.		

## COURSES IN JOURNALISM

The following are temporarily omitted:

23. **News Writing and Editing.** 25. **The Newspaper in the Twentieth Century.** 28. **Departmental or Feature Writing.** 30. **The Country Newspaper.** 79. **The Newspaper as a Factor in International Relations.**

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\* Not given in 1944-45.

## COURSES IN LINGUISTICS

51. a,b,c.	Anglo-Saxon. Given upon sufficient demand.	3	3
67.	History of the English Language. Given in 1944-45.	3	3.
*68.	The American Language.	3	3

## COURSES IN THE TEACHING OF ENGLISH

*29. a.	Supervised Student Teaching of English.	1	1
84.	Teaching of English in the High School.	3	3

## COURSES IN COMPARATIVE LITERATURE

(See also Fr 67 a,b,c; Gk 51; Gm 53 and 54; Sp 51 and 61)

*Cp 39. a,b.	The Literature of Social Change.	3	3
*Cp 73. a,b,c.	Literary Criticism.	3	3
Cp 75. a,b,c.	European Literature. Recommended for majors in foreign languages and for students preparing for library work.	3	3

## GEOLOGY AND GEOGRAPHY

ASSOCIATE PROFESSOR TREFETHEN

The courses in Geology and Geography are listed under the Department of Civil Engineering in the College of Technology.

## GERMAN

PROFESSOR DRUMMOND; ASSOCIATE PROFESSOR KLEIN; ASSISTANT PROFESSOR MILES

	HOURS PER WEEK	
	CLASS	CREDIT
1. a,b,c. First Year.	4	4
3. a,b,c. Short Story. Prerequisite, 1 a,b,c.	3	3
5. a,b,c. The Drama. Prerequisite, 3 a,b,c.	3	3
7. a,b,c. The Novel. Prerequisite, 5 a,b,c.	3	3
13. a,b,c. Elementary Composition and Conversation. Prerequisite, 1 a,b,c.	2	2
15. a,b,c. Scientific German. Open to students whose knowledge of German is sufficient to read scientific German.	2	2
17. a,b,c. Advanced Composition and Conversation. Prerequisite, 13 a,b,c.	2	2
19. a,b,c. German for Chemists.	3	3
21. a,b,c. German for Chemists. Prerequisite, 19 a,b,c.	3	3

\* Not given in 1944-45.

The following advanced courses will be given upon sufficient demand:

51. a,b,c. Studies in Eighteenth Century Literature.	2	2
53. a,b,c. Goethe.	2	2
55. a,b,c. Studies in Nineteenth Century Literature.	2	2
59. a,b. History of German Literature.	2	2

## HISTORY AND GOVERNMENT

PROFESSORS DOW AND WHITMORE; MR. PELLETIER, MR. HARDY, MR. DAVIES

Cooperating members: PROFESSORS PETERSON AND L. F. SMITH

Students in the School of Education or College of Arts and Sciences who expect to offer history as a teaching subject should take Courses 3, 5, and nine hours of advanced work previously approved by the head of the department. Grades should be C or better in all courses. Many teachers are called upon to teach Civics, Citizenship, or Current Events courses, and consequently Gt 31 is advised for this purpose.

	HOURS PER WEEK	
	CLASS	CREDIT
1. a,b,c. Ancient Civilization.	3	3
3. a,b,c. United States History.	3	3
5. a,b,c. History of Western Europe.	3	3
17. a,b,c. History of England.	2	2
21. Current World Problems.	2	2
51. The French Revolution. Prerequisite, Course 5.	3	3
52. The Revolutionary Era. Prerequisite, Course 5.	3	3
53. Europe from 1871. Prerequisite, Course 5.	3	3
54. Contemporary Europe. Prerequisite, Course 5.	3	3
55. 56. History of Modern Russia. Prerequisite, Course 5.	3	3
57. a,b,c. American Colonial History. Permission of instructor required.	2	2
59. a,b,c. Economic History of the United States. Prerequisite, nine hours of history, government, or economics.	3	3
61. Twentieth-Century America. Permission of the instructor required.	2	2
62. Maritime History of the United States. Permission of the instructor required.	2	2
63. a,b,c. Canadian History. Prerequisite, Hy 3 or Gt 31.	2	2
65. a,b,c. Latin-American History. Prerequisite, nine hours of history.	2	2
67. a,b,c. American Diplomatic History. Prerequisite, Hy 3 or Gt 31.	3	3
69. a,b,c. Social History of the United States. Prerequisite, nine hours of history, government, or economics.	3	3

## COURSES IN GOVERNMENT

7.	<b>Maine Government.</b>	2	1
9. a,b.	<b>National and State Planning.</b>	2	2
10.	<b>Community Planning.</b>	2	2
31. a,b,c.	<b>American Government.</b>	3	3
33.	<b>Municipal Government.</b>	3	3
34.	<b>Municipal Administration.</b>	3	3
51. a,b,c.	<b>Public Administration.</b> Prerequisite, Course 31.	3	3
73. a,b,c.	<b>International Relations.</b> Prerequisite, nine hours of history or government.	3	3
81. a,b,c.	<b>Introduction to Law.</b> Open only to juniors and seniors.	3	3
83. a,b,c.	<b>The American Constitution.</b> Permission of the instructor required.	3	3
99.	<b>Public Opinion.</b> Open only to juniors and seniors.	3	3
100. a,b,c.	<b>Political Theory.</b> Permission of the instructor required.	3	3
125.	<b>Graduate Thesis.</b>		6

See also Personnel Management, under the department of Economics and Sociology.

## HONORS PROGRAM

PROFESSOR LEVINSON ; ASSOCIATE PROFESSORS KIMBALL, SPEICHER, AND VIGNERAS\* ; ASSISTANT PROFESSORS MILES AND REYNOLDS

All Honors courses prior to the junior year fulfill a double purpose. Through wide reading, chosen from the Honors Reading List, they provide a broad orientation over the whole field of the Arts and Sciences while serving also as preparatory to the more specialized Honors work proper of the junior and senior years.

The courses for juniors and seniors are intended primarily to afford training in the investigation of restricted subjects (although a continuation of the general reading may, in some cases, serve as a substitute in the junior year). In the junior year the work may be done either in the student's major field or in some other field. In the senior year, however, attention is concentrated upon a definitely limited problem falling within the major field; and the final results are embodied in a thesis. (See Honors Program, page 101.)

All Honors courses are under tutorial direction. Permission of the Committee on Honors Work is a prerequisite for each.

## COURSES

	CREDIT HOURS
46. <b>Sophomore Honors.</b> Optional for those entering the Honors Program. An individually arranged program of summer readings.	1
47. a,b,c. <b>Sophomore Honors.</b>	3
51. a,b,c. <b>Junior Honors.</b>	3
53. a,b,c. <b>Senior Honors.</b>	3

\* On leave of absence for military service.

## MATHEMATICS AND ASTRONOMY

PROFESSORS JORDAN AND BRYAN; ASSOCIATE PROFESSORS KIMBALL\* AND LUCAS;  
ASSISTANT PROFESSORS STEWART, LAMOREAU, AND COMEGYS;  
DR. KALES†, MR. GORDON

### ASTRONOMY

		HOURS PER WEEK		
		CLASS	LAB.	CREDIT
10.	<b>Descriptive Astronomy.</b>	3	—	3
11.	<b>Practical Astronomy.</b> Prerequisite, Mathematics 1 a,b.	2	1	2½
14.	<b>Navigation.</b> Prerequisite, a knowledge of trigonometry.	2	—	2
15. a,b,c.	<b>General Astronomy.</b> Prerequisite, Mathematics 1.	3	—	3
59. a,b,c.	<b>Advanced Practical Astronomy.</b> Prerequi- sites, Mathematics 1c, 7, and Astronomy 10 or 15.	3	—	3

### MATHEMATICS

Students whose major subject is mathematics are required to take Courses 1, 7, 15 and 16. Not less than eighteen hours are to be selected from courses in mathematics, astronomy, and mechanics numbered 50 or above, and Astronomy 15. At least nine of these hours must be chosen from mathematics courses numbered 51, 52, 53, 55, 56, 57, 60. Mathematics majors who intend to teach in secondary schools are advised to elect Courses 17 or 19; 51, 61, 63 as well as several courses in associated fields.

		HOURS PER WEEK		
		CLASS	LAB.	CREDIT
1. a,b,c.	<b>Freshman Mathematics.</b>	4	—	4
5. a,b,c.	<b>Introductory College Mathematics.</b>	3	—	3
7. a,b,c.	<b>Calculus.</b> Prerequisite, Course 1.	5	—	5
9. a,b,c.	<b>College Algebra, Trigonometry, and Their Applications.</b> Primarily for freshmen in Forestry.	2	—	2
15.	<b>Advanced Analytic Geometry.</b> Prerequisite, Course 1.	3	—	3
16.	<b>Advanced Algebra.</b> Prerequisite, Course 1, or consent of the department head.	3	—	3
17. a,b,c.	<b>Mathematical Theory of Investment.</b>	2	—	2
19. a,b,c.	<b>Statistics.</b>	2	2	3
19L.	<b>Mechanical Computations.</b>	—	2	1
51. a,b.	<b>College Geometry.</b> Prerequisite, Course 1.	3	—	3

\* Department Head.

† On leave of absence.

52. a,b,c. Projective Geometry. Prerequisite, Courses 1 and 7.	3	—	3
53. a,b,c. Advanced Calculus.	3	—	3
55. a,b. Differential Equations. Prerequisite, Course 7.	3	—	3
56. Vector Analysis.	3	—	3
57. a,b,c. Engineering Mathematics. Prerequisite, Course 7.	3	—	3
60. a,b,c. Theory of Functions of a Complex Variable. Prerequisite, Course 7.	3	—	3
61. History of Mathematics. Not open to freshmen and sophomores.	3	—	3
63. a,b,c. Teachers' Course in Mathematics. Not open to freshmen and sophomores.	3	—	3
73. a,b,c. Advanced Statistics. Not open to freshmen and sophomores.	3	—	3

Given upon sufficient demand: 2. Solid Geometry; 13. Spherical Trigonometry; 23. Mathematical Analysis; 65. Theory of Equations; 66. Synthetic Projective Geometry; 68. Theory of Numbers; 71. Modern Higher Algebra; 102. Elliptic Functions; 109. Celestial Mechanics; 110. Hydrodynamics; 115. Theory of Functions of Real Variables; 116. Fourier's Series; 117. Theory of Substitution Groups and of Algebraic Fields; 118. Theory of Transformation Groups (Lie Theory); 119. Differential Geometry.

## MODERN SOCIETY

PROFESSOR KIRSHEN (Chairman); MR. PELLETIER, MR. HARDY, MR. YOUNG

### COURSES IN MODERN SOCIETY

	HOURS PER WEEK	
	CLASS	CREDIT
1. a,b,c. Modern Society.	3	3

## MUSIC

PROFESSOR SPRAGUE; MR. CAYTING, MR. SELWOOD, MR. DEVOE

Music may be chosen as a major or minor subject or as a broad elective. The Department offers a program that will prepare for music teaching and directing in the preparatory school field. The requirements of a major in Music are determined on a flexible basis, dependent upon both the preparation and objective of the student.

## COURSES IN THEORY AND AESTHETICS

	HOURS PER WEEK		
	CLASS	LAB.	CREDIT
1. a,b,c. <b>Fundamentals of Music.</b> No prerequisites.	2	—	2
3. a,b,c. <b>Music Appreciation.</b> No prerequisites.	2	—	2
5. a,b,c. <b>Introductory Harmony.</b> Prerequisite, a knowledge of notation.	2	—	2
11. a,b,c. <b>Music in the 19th Century.</b> No prerequisites.	2	—	2
29. a,b,c. <b>Advanced Harmony.</b> Prerequisite, Course 5 a,b,c.	2	—	2
53. a,b,c. <b>Counterpoint.</b> Prerequisite, Course 5 a,b,c.	2	—	2
55. a,b,c. <b>Orchestration.</b> Permission of the instructor required.	2	—	2
77. a,b,c. <b>Form and Analysis.</b> Prerequisite, a knowledge of harmony, counterpoint, and the fundamentals of instrumentation.	2	—	2
79. a,b,c. <b>Canon and Fugue.</b> Prerequisite, a knowledge of harmony and counterpoint.	2	—	2

## COURSES IN ENSEMBLE PERFORMANCE AND DIRECTION

25.	<b>Chorus.</b> Permission of the instructor required.	—	2	1
27.	<b>Orchestra.</b> Permission of the instructor required.	—	2	1
<b>Band is listed under Military Science and Tactics, Course 11 a,b,c.</b>				
15. a.	<b>Choral Survey.</b> Permission of the instructor required.	1	—	1
15. b.	<b>Orchestral Survey.</b> Permission of the instructor required.	1	—	1
15. c.	<b>Band Survey.</b> Permission of the instructor required.	1	—	1
75. a,b,c.	<b>Interpretation and Conducting.</b> Prerequisite, an assurance of aptitude and membership in the University Band, Chorus, or Orchestra.	1	—	1

## APPLIED COURSES

The college provides applied music instruction through an affiliation with the Northern Conservatory of Music in Bangor.

A maximum of twelve hours of credit is allowed for applied music. Repetition of these courses is therefore permitted, with the requisite variation and progress in technical and literary material; but generally, whatever number of hours is credited must be paralleled by at least an equal number of hours in music theory and aesthetics. The college provides, so far as possible, practice opportunity for students who desire to take applied courses without credit.



31.	<b>Violin, Piano, Organ, Voice.</b> —Private lessons. One hour lesson weekly, \$33.00 the term.	1	—	2
	One-half hour lesson weekly, \$16.50 the term.	1/2	—	1
33.	<b>Instrumental and Vocal Ensemble.</b> —Group lessons. One hour weekly: Duet, \$16.50 per person the term.	1	—	1
	Trio, \$11.00 per person the term.	1	—	1
	Quartet, \$8.25 per person the term.	1	—	1
37.	<b>Orchestral Instrument Foundation Studies.</b>	1/2	—	1

To meet further demands, instruction in the various orchestral instruments can be provided on a similar basis.

The practice requirements are two hours daily for six days each week for hour lessons, one hour for half-hour lessons. The term is eleven weeks for applied music study. Practice facilities are provided on the campus.

For the use of the University instruments, practice fees are charged as follows for a daily practice hour: piano, \$2.00 a term; organ, \$4.00 a term.

## PHILOSOPHY

PROFESSOR LEVINSON

	HOURS PER WEEK	
	CLASS	CREDIT
1. <b>Philosophy and Modern Life.</b>	2	2
3. <b>a,b,c. Historical Introduction to Philosophy.</b>	3	3
*8. <b>The Technique of Thinking.</b>	2	2
11. <b>a,b,c. Topics in Philosophy.</b> Prerequisite, consent of the instructor.	Ar	Ar
101. <b>a,b,c. Seminar.</b>	Ar	Ar

## PHYSICS

PROFESSOR BENNETT; ASSOCIATE PROFESSOR CROFUTT; ASSISTANT PROFESSOR LARSEN†; MR. OLESON†, MR. LEARNARD, MR. MURPHY, MR. COFFIN, MR. KINGSBURY

Basic training, which is adequate for secondary school teaching, is provided by courses Ps 1 a,b,c and 17 a,b,c. Following this two-year program in general physics, a suitable number of the more advanced courses supplemented with mathematics and chemistry, will prepare a student for minor positions in the profession, or for the graduate training necessary for the higher positions.

For the intelligent layman who wishes some knowledge of the physical world in which he lives, courses of the more descriptive variety are also offered (Ps 3, Ps 10).

\* Not offered in 1945-46.

† On leave of absence for military service.

	HOURS PER WEEK		
	CLASS	LAB.	CREDIT OR COMP.
1. a,b,c. <b>General Physics.</b> (Meets engineering, pre-dental, and pre-medical requirements)	4	2	5
3. <b>Descriptive Physics.</b>	3	—	3
10. <b>Meteorology.</b>	3	—	3
17. a,b,c. <b>Intermediate Physics.</b>	2	4	4
21. <b>Mechanics and Heat Laboratory.</b> (Course 1 a,b is prerequisite)	—	4	2
26. <b>Physical Measurements.</b>	—	4	2
32. <b>Photography.</b>	2	2	3
50. <b>Problems in Physics.</b> (Undergraduate Thesis)	—	Ar	Ar

Course 17. a,b,c or its equivalent and the Calculus are prerequisites for the following advanced courses.

53. a,b. <b>Electrical Measurements.</b>	—	4	2
55. a,b. <b>Electricity and Magnetism.</b>	3	—	3
58. <b>Mathematical Physics.</b> (Not every year)	3	—	3
59. <b>Sound.</b> (Not every year)	3	—	3
61. <b>Advanced Meteorology.</b> (Not every year)	3	—	3
62. a,b. <b>Heat and Thermodynamics.</b>	2	—	2
66. a,b. <b>Electronic and Thermionic Phenomena.</b>	3	—	3
69. a,b. <b>Modern Physics.</b>	2	—	2
72. a,b. <b>Optics.</b>	2	—	2
81. a,b,c. <b>Advanced Laboratory.</b>	—	6	3
98. <b>Physics Seminar.</b>	1	—	1
101. a,b,c. <b>Special Laboratory.</b> (Graduate)	—	Ar	Ar
125. <b>Graduate Thesis.</b>	—	Ar	Ar

## PSYCHOLOGY

PROFESSOR DICKINSON; ASSOCIATE PROFESSOR BRUSH\*;  
ASSISTANT PROFESSORS GLANVILLE AND QUINSEY

The Department of Psychology offers a counseling service for students in the College of Arts and Sciences, for others by special request. Py 0 is a part of this service.

Course 1 is prerequisite for all advanced courses in the department.

	HOURS PER WEEK		
	CLASS	LAB.	CREDIT
0. <b>The Technique of Effective Reading.</b>	—	—	—
1. a,b,c. <b>General Psychology.</b>	2	2	3
3. a,b. <b>Applied Psychology.</b> (For mechanical engineers)	2	—	2

\* On leave of absence for military service.

5.	Applied Psychology. (For three-year nurses)	3	—	3
12.	a,b. Advertising and Selling.	3	—	3
65.	a,b. Psychology of Adolescence.	2	—	2
66.	Educational Psychology.	3	—	3
67.	a,b. Psychology of Childhood.	3	—	3
69.	a,b,c. Experimental Approach to Psychological Problems.	1	4	3
71.	a,b,c. Abnormal Psychology and Mental Hygiene.	3	—	3
76.	a,b. Social Psychology.	2	—	2
77.	The Psychology of Personality.	3	—	3
81.	a,b,c. Mental Measurement.	1	4	3
91.	Problems in Psychology.	Ar	Ar	Ar
93.	a,b,c. Seminar in Psychology.	2	—	2

Given upon sufficient demand.

53.	Clinical Techniques in Reading.			
73.	a,b,c. Cooperative Child Study.			

## RELIGION

MR. O'CONNOR

	HOURS PER WEEK	
	CLASS	CREDIT
3. a,b,c. Religion and Modern Life.	2	2

## ROMANCE LANGUAGES AND CLASSICS

PROFESSOR PETERSON; ASSOCIATE PROFESSORS VIGNERAS\* AND KLEIN;  
ASSISTANT PROFESSORS ARNOLD, BUZZELL, SMITH, AND STARR\*;  
MISS WARD; MISS BRADFORD (Graduate Assistant)

### CLASSICS

Courses which do not demand a knowledge of Greek or Latin are offered for those whose interest is not primarily in the linguistic field.

The twenty-seven hours of work required of a student who majors in Latin will normally be taken in courses numbered above 22.

### GREEK

	HOURS PER WEEK	
	CLASS	CREDIT
1. a,b,c. Beginning Greek.	4	4
3. a,b,c. Greek Life and Culture. No knowledge of Greek is required.	2	2
19. a,b,c. Homer.	3	3
51. a,b,c. Greek Poetry. No knowledge of Greek is required.	3	3

\* On leave of absence for military service.

## LATIN

3. a,b,c. Cicero. Open to students who have completed two years of Latin in high school.	4	4
5. a,b,c. Latin Poetry.	3	3
†7. a,b,c. Latin Composition.	2	2
†9. a,b,c. Terence and Plautus.	3	3
21. a,b,c. Latin Composition. Prerequisite, Course 7 a,b,c or equivalent.	2	2

Given when there is sufficient demand:

Latin. 1-2. Beginning Latin; 23. The Younger Pliny; 24. Horace; 27. 28. Topics; 41. Roman Private Life; 51. 52. Teachers' Course; 53. Latin Literature; 62. The Latin Language.

## ROMANCE LANGUAGES

Students concentrating in French are required to elect a minimum of 20 hours in the junior and senior years, which should include courses 55 and 63. Course 21 is intended primarily for sophomores. Major students are advised to secure some familiarity with another modern language or to continue Latin. They are expected to take at least a year in European history, a requirement which may be met by History 5.

Students may also concentrate in the general field of Romance Languages, electing, in the junior and senior years, a total of 24 hours of suitable courses in French, Spanish, and Portuguese (or Italian). Students whose main interest is Spanish should register for History 65 (Latin American History).

Students not concentrating in Romance Languages will be recommended for the teacher's certificate if they elect one year-course in literature and French 10.

## FRENCH

## Lower Division Courses

	HOURS PER WEEK	
	CLASS	CREDIT
1. a,b,c. Elementary French.	4	4
3. a,b,c. Intermediate French. For students offering three entrance units, three credits only are allowed.	4	4
5. a,b,c. Advanced French.	3	3
7. a,b,c. Elementary Conversation and Composition.	2	2
8. Oral French.	2	2
9. a,b,c. French Civilization. Required for French majors.	1	1
10. a,b,c. Intermediate Conversation and Composition. Required of all students planning to teach French.	2	2
17. a,b,c. Rapid Reading Course.	3	3
21. a,b,c. Novel in the Nineteenth Century.	3	3

Course 5 or the equivalent is a prerequisite for all courses listed below. Students who have not passed a reading test should register for Course 17. Those who have passed a reading test may elect Course 21.

† Not offered in 1944-45.

## Upper Division Courses

*55. a,b,c. <b>The French Theatre.</b> Required for French majors.	3	3
*57. a,b,c. <b>French for Prospective Teachers.</b>	2	2
58. a,b. <b>French Phonetics.</b> Required for French majors.	1	1
†63. a,b,c. <b>French Classical Literature.</b> Required for French majors.	3	3
†67. a,b,c. <b>Survey of French Literature.</b>	2	2

## PORTUGUESE

1. a,b,c. <b>Elementary Portuguese.</b>	3	3
2. a,b,c. <b>Second-Year Portuguese.</b>	2	2

## SPANISH

1. a,b,c. <b>Elementary Spanish.</b>	4	4
4. a,b,c. <b>Modern Spanish Prose.</b>	3	3
5. a,b,c. <b>Conversation and Composition.</b>	2	2
6. a,b,c. <b>Additional Conversation Practice.</b> Optional with Sp 5.	1	1
7. <b>Commercial Spanish.</b>	2	2
9. a,b,c. <b>Rapid Reading Course.</b>	3	3
26. a,b. <b>Current Spanish Literature.</b>	2	2
†51. a,b,c. <b>The Novel and Drama.</b>	3	3
*61. a,b,c. <b>Spanish-American Literature.</b>	3	3

## SPEECH

PROFESSOR BAILEY; ASSOCIATE PROFESSOR RUNION†; ASSISTANT PROFESSOR  
BRICKER

Within the department it is possible to plan either a Speech or a Theatre major, thus emphasizing the phase of work of interest to the student. The student is advised, however, to have a broad general background in speech, especially if he desires to teach this subject in the high school.

For all majors in Speech both an oral and written comprehensive examination is required.

Students interested primarily in the theatre are required to give a recital of approved standard, or direct, or take part in a major role in a dramatic production. Major students other than those interested in the theatre are expected to present a thirty-minute address before some civic organization such as a service club, church organization, or similar group.

Basic courses in Speech required of all majors are Sh 1, Sh 3, Sh 7, and Sh 15.

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\* Not offered in 1944-45.

† Offered in 1944-45 and alternate years.

‡ Department Head.

## COURSES IN SPEECH, RADIO, DEBATE

		HOURS PER WEEK	
		CLASS	CREDIT
0.	Speech Correction.	0	0
1.	a,b,c. Public Speaking.	2	2
3.	a,b. Debate.	2	2
7.	a,b,c. Interpretative Reading.	2	2
12.	Parliamentary Law.	1	1
19.	a,b,c. Advanced Debate.	1	1
21.	a,b,c. Radio Speaking. Prerequisite, Course 1, or permission of instructor.	2	2
42.	Pre-Legal Speaking. Prerequisite, Course 1.	3	3
46.	a,b,c. Advanced Public Speaking. Prerequisite, Course 1 or 3.	2	2
52.	Voice and Diction. Open only to juniors and seniors. Prerequisite, Course 1 or 7.	2	2
59.	a,b. Theory of Speech Composition. Open only to juniors and seniors.	3	3
67.	a,b. Speech Pathology. Open only to juniors and seniors.	2	2
70.	a,b. Teaching of Speech. Open only to juniors and seniors or by permission.	2	2

## COURSES IN THEATRE

The Maine Masque Theatre presents four major productions each year. All theatre majors are expected to participate in these productions, using the Masque as a practical training ground. This work is supplementary to the regular course requirements, and no credit is given. Each major is required to serve as an assistant stage manager and as a stage manager during his undergraduate course.

All undergraduate students in the University are eligible to read for plays to be produced and may participate in the other activities of the theatre.

		HOURS PER WEEK	
		CLASS	CREDIT
9.	a,b. Theatre Appreciation. Required of theatre majors.	2	2
15.	Elementary Acting.	4	3
17.	Stagecraft.	4	3
28.	Scene Designing and Lighting. Prerequisite, Course 17.	2	2
30.	Advanced Acting.	4	3
32.	Costume. Prerequisite, Course 28.	2	2
35.	Make-up.	2	1
37.A-G.	Theatre Projects. <i>Students are not usually permitted to take more than six hours of work in this course. Permission of instructor.</i>	2	2

37A. a,b,c. Acting.	37B. a,b,c. Designing.	37C. a,b,c. Costuming.
37D. a,b,c. Lighting.	37E. a,b,c. Directing.	37F. a,b,c. Makeup.
37G. a,b,c. Radio.		
39. Stage Directing. Permission of instructor.		2 2
54. Stage History.		2 2

The attention of theatre majors is called to the courses in Design and Costume in the Home Economics Department, those in Drafting in the Department of Engineering Drafting, and those in the Modern Dance in the Department of Physical Education.

## ZOOLOGY

PROFESSOR MURRAY\*; ASSOCIATE PROFESSOR SPEICHER†; ASSISTANT PROFESSORS COOPER AND FULLER; DR. FLYNN, DR. RICHARDSON

The Department offers curricula which satisfy the requirements for admission to graduate, medical, dental, and nursing schools.

Course 1 and Botany 1, or Course 3 are prerequisite to all advanced courses in the department.

		HOURS PER WEEK		
		CLASS	LAB.	CREDIT
1.	General Zoology.	3	4	5
3. a,b,c.	Animal Biology.	2	4	4
9.	Ichthyology.	3	4	5
10.	Ornithology.	3	4	5
11.	Anatomy and Physiology for Nurses.	4	4	6
12. a.	Human Anatomy and Physiology.	2	4	4
12. b.	Human Anatomy and Physiology, con't	2	2	3
13.	Mammalogy.	3	4	5
15. a,b,c.	Comparative Anatomy.	2	4	4
17.	Animal Parasitology.	2	4	4
18.	Vertebrate Embryology.	3	4	5
19. a.	Fish Management.	1	3	2
19. b.	Fish Management, con't	3	3	4
37. a,b,c.	General Physiology.	2	4	4
41. a.	Histological Technique.	1	4	3
41. b.	Histology.	2	4	4
44.	History of Biology.	3	—	3
47. a,b,c.	Problems in Zoology.	Ar	Ar	Ar
55. a,b,c.	Zoology Seminar.	1	—	1
66s.	Marine Invertebrate Zoology. Not given 1945-46.			

Opportunity is given for graduate work in the various phases of zoology. Students with adequate preparation may register for the following courses with credit arranged.

\* On leave of absence for military service.

† Acting Department Head.

**105. a,b,c. Problems in Zoology.**

Ar Ar Ar

**111. a,b,c. Problems in Physiology.**

Ar Ar Ar

**109. Ichthyology; 110. Ornithology; 113. Mammalogy; 114. Parasitology; 115. Anatomy; 118. Embryology; 119. Fish Management; 121. Animal Ecology; 137. Physiology; 141. Histology. 125 Graduate Thesis.**



# School of Education

The School of Education offers professional training to secondary teachers, superintendents, principals, and supervisors. Students will ordinarily enter with junior standing, having had the first two years of work in either a liberal arts college or a normal school. Those with a different type of training may enter as special students until junior standing is attained.

## ADMISSION

**Students in the College of Arts and Sciences.**—Those students in the College of Arts and Sciences of the University of Maine who plan to teach are given the opportunity to transfer to the School of Education at the beginning of their junior year. Such students should take the regular course as prescribed by the College of Arts and Sciences during the freshman and sophomore years, including in particular the course in General Psychology and such basic courses in other fields as will lay the foundation for a field of concentration.

At the beginning of the sophomore year, such students should register their intention to teach in the office of the Dean of the School of Education, and secure his approval as well as the approval of the Dean of the College of Arts and Sciences for their courses of study. Students of other colleges on the campus may also transfer with appropriate amounts of credit provided their records have been satisfactory.

To be admitted to the School of Education, students must have made a grade of C or better in at least three-fourths of their entire work during the freshman and sophomore years.

These students will receive the degree of Bachelor of Arts in Education or Bachelor of Science in Education on the completion of their program in the School of Education.

**Normal School Graduates.**—Students in the normal schools who wish to qualify for the Maine secondary-school teacher's certificate should plan to transfer to the University at the end of their second year at the normal. Such students who rank in the upper half of their class and are recommended by their principal may be admitted to the School of Education with full junior standing, and may graduate on the satisfactory completion of two years of work.

Graduates of the three-year courses in the normal schools, who rank in the upper half of their classes and are recommended by their principal, may be admitted to the School of Education with senior standing and may graduate on the satisfactory completion of one year of work. This program will not, however, qualify one for the secondary-teacher's certificate because the latter now requires at least two years of college work.

All normal school graduates will be expected to meet the requirement of a field of concentration in academic subjects, except that those who plan to enter administrative or supervisory work, or to remain in elementary school work, may be permitted to take this work in Education and Psychology. In either case any work previously taken at the normal school which lies within the field chosen will be given due credit toward the requirements.

Normal school graduates who are interested in entering the School of Education should request their principal to send a transcript of their record together with a

statement giving their class rank to the Director of Admissions of the University. These should be accompanied by a recommendation of the candidate by the principal.

Students who come from the normal schools will ordinarily be candidates for the Bachelor of Science in Education degree.

Graduates of other types of teacher-training institutions will be considered on their merits as special cases.

**Commercial Education.**—An arrangement has been made with the State Department of Education whereby graduates of the teacher-training departments of approved commercial schools may receive appropriate credit toward the degree of Bachelor of Science in Commercial Education. For further information inquiries should be addressed to the office of the School of Education.

A special curriculum in commercial education has been adopted by Westbrook Junior College whereby approved graduates of the three-year course at Westbrook may transfer to the University and receive appropriate credit toward a degree in this field.

**Art Education.**—Students who complete an approved three-year curriculum in the Portland School of Fine and Applied Arts and the Westbrook Junior College may transfer to the University with full credit and complete a curriculum which leads to the degree of Bachelor of Science in Fine Arts Education.

**Music Education.**—Students who complete an approved two-year curriculum at the Northern Conservatory of Music in Bangor may transfer to the University with appropriate credit and complete in two years a curriculum which leads to the degree of Bachelor of Science in Music Education.

### GRADUATION REQUIREMENTS

The equivalent of 187½ credit hours\* of college work is required for graduation. Three-fourths of the work done in the School of Education must be completed with grades of C or better.

If, at the completion of 187½ hours, the student has failed to maintain this proportion of C grades or better, the Dean shall determine whether and in what manner the deficiency may be made up. In no case may the student take more than nine additional hours to satisfy the graduation requirement.

Approximately 36 hours will be required in Education and Psychology, and 60 to 75 hours in the field of concentration, all of which must be carried with a grade of C or better.

**Professional Subjects Required.**—All candidates for the Bachelor's degree must include the following in their programs.

- Ed 29—Practice Teaching
- Ed 50—Seminar in Education
- Ed 51 (or 56)—History of Education
- Ed 59—Principles of Secondary Education
- Ed 65—Educational Measurement

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\* The term "credit hours" in the present catalog refers to the credit earned for study during a twelve-week quarter. One of these credit hours is equivalent to two-thirds of one obtained for a semester's work. Thus a student who has already acquired a number of semester credit hours may find the equivalent number of quarter hours by multiplying by three-halves.

Ed 77—Principles and Methods of High  
School Teaching

Py 1a,b,c—General Psychology

Py 66—Educational Psychology

Special Methods (one such course to be selected in a  
subject within the field of concentration)

Transfer students should plan to take a minimum of two courses in Education at the University regardless of the amount transferred.

Besides these specific requirements in strictly professional subjects, students will be strongly advised to take general courses in a number of subjects of vital importance as a part of the background of any teacher or educator, such as biology, economics, English, history and government, and sociology.

**Field of Concentration.**—In order better to meet the needs of the typical high-school situation, the traditional requirement of a single major subject is replaced by that of a field of concentration in the academic subjects. This field of concentration must include a minimum of 60 to 75 term hours in a group of related subjects commonly taught in the secondary schools, the exact amount to depend on the number and character of the subjects combined, and the quality of the work done. This work must be carried with a grade of C or better to qualify for a degree in Education, and must be acceptable to the heads of the departments in which it is taken.

This requirement applies to all students whether working for the Bachelor of Arts in Education or the Bachelor of Science in Education degree. Those, however, who have had teaching experience and who plan to enter administrative, supervisory, or elementary-school work may be permitted to carry their field of concentration in Education and Psychology instead of academic subjects.

Combinations of subjects which occur frequently in the secondary schools are as follows: French and Latin; English and History; Mathematics and the Natural Sciences; English and Latin; English and French; History and Latin; English, French, and Latin; English, History, and Latin; English, History, and French; History, Civics, Economics, and Sociology.

Subjects which occur in a large variety of combinations are Physical Education, Music, Debating, and Dramatics. Each student will be expected to take sufficient work to attain proficiency in at least one of these fields.

### COMPREHENSIVE EXAMINATION

Seniors in the School of Education will take a comprehensive oral examination in the subject of education, to be given individually by arrangement during the month of May. Non-resident and summer session students will also be expected to take the examination.

*This requirement is suspended for the year 1945-46.*

### HONORS COURSE

Attention is called to the tutorial honors course which is open to superior students in education who may desire to supplement their field of concentration by study under individual tutorial guidance. A fuller description of this course is to be found at the beginning of the section on General Courses.

**RESIDENCE REQUIREMENT**

A minimum of forty-five term hours of credit must be earned while in residence at the University to qualify a candidate for a degree. This requirement may be met by one academic year of residence, or in case of teachers by attendance in summer sessions. Five summer sessions may be accepted as the equivalent of one academic year provided the work is of distinctly high quality. In either case, this requirement must ordinarily be met after the student has become a candidate for a degree in the School of Education.

Exceptions to these rules will not be permitted except by a vote of the faculty.

A maximum of twenty-four term hours may be earned toward a degree by extension work, of which not over twelve hours may be taken by correspondence. The amount permitted will be in proportion to the total amount of time spent at the University. Credit for correspondence and extension courses is not allowed to students who enter the School as seniors.

**DEGREES**

(1) Bachelor of Arts in Education. This degree will be given to students who do the first two years of work in the College of Arts and Sciences, or the equivalent thereof, meet their entrance requirements, and their curricular requirements for the first two years. Candidates for this degree will be required to complete a minimum of 60 to 75 hours in a group of related academic subjects which are commonly taught in the public schools, with a grade of C or better.

(2) Bachelor of Science in Education. This degree will be given to students who are admitted from normal schools with advanced standing. Requirements for the degree will include a field of concentration in the academic subjects as for the B.A. degree, and the same professional courses. In meeting both these requirements, however, due credit will be given for the courses which have been previously taken in the normal-school course.

(3) Bachelor of Science in Commercial Education. This degree has been established for graduates of approved teacher-training departments of commercial schools in Maine, who transfer to the School of Education on the completion of their course and complete the course approved for this degree.

(4) Bachelor of Science in Fine Arts Education. This degree is awarded to students who have completed the combined course of study at the Portland School of Fine and Applied Art and Westbrook Junior College and the final year of work as prescribed at the University of Maine.

(5) Bachelor of Science in Music Education. This degree is awarded those who have completed the combined curriculum at the Northern Conservatory of Music, in Bangor, and the University.

## COURSES OF INSTRUCTION

*Courses numbered 1-50 are for undergraduates only; courses numbered 51-100 are primarily for upperclassmen and graduates; courses numbered above 100 are primarily for graduates.*

For courses in Psychology, see Department of Psychology in the College of Arts and Sciences.

PROFESSORS SMITH† AND JACKMAN; ASSOCIATE PROFESSOR CRAWFORD\*

	HOURS PER WEEK		
	CLASS	LAB.	CREDIT
<b>29. Supervised Student Teaching.</b> Preference is given to those who have completed Education 77.	—	5	3
<b>29a. Supervised Teaching in English.</b> Open to seniors whose major subject is English.	—	2	1
<b>50. Education Seminar.</b> Required of seniors in School of Education.	3	—	3
<b>51. History of Education in the United States.</b> Open to juniors and seniors.	3	—	3
<b>56. Maine School Law.</b>	3	—	3
<b>59. Principles of Secondary Education.</b> Primarily for juniors and seniors. Open to sophomores by permission.	3	—	3
<b>63. Junior High School Education.</b> Open to juniors and seniors.	2	—	2
<b>65. Educational Measurements.</b> Open to juniors and seniors.	3	—	3
<b>68. Educational and Vocational Guidance in Secondary Schools.</b> Open to juniors and seniors.	3	—	3
<b>71. Psychology of Secondary Education.</b> Open to students who have passed Psychology 1 with grade of C; to others by permission.	3	—	3
<b>74. Extracurricular Activities in the Secondary School.</b>	2	—	2
<b>75. Teaching the Social Studies in Secondary Schools.</b> Open to juniors and seniors.	2	—	2
<b>77. Methods of Teaching in Secondary Schools.</b> Open to seniors and juniors who have had General Psychology.	3	—	3
<b>80. Current Issues in American Education.</b>	3	—	3

† Acting Dean.

\* On leave of absence for military service.

<b>81. Supervision in the Elementary School.</b>	3	—	3
Open to normal-school graduates and students with teaching experience. Others by permission.			
<b>84. Administration of the Elementary School.</b>	3	—	3
For prospective superintendents and elementary-school principals. Open to normal-school graduates and students with teaching experience; to others by permission.			
<b>87. The Secondary School Curriculum.</b>	2	—	2
<b>93. Remedial Reading.</b>	2	—	2
<b>95. Philosophy of Education.</b>	3	—	3
<b>97. Current Problems in Education.</b>	2	—	2
Each student is assigned special problems in the field of education. Primarily for majors in education. Open by permission to others. Seniors only.			
<b>101. School and Society.</b>	3	—	3

The following courses will be offered as occasion demands:

**50A. The Teacher and Social Understanding; 54. History of Modern Education; 62. Secondary School Administration and Supervision; 75A. Teaching of Geography in Wartime; 80A. Current Trends in American Education; 99. Supervision of Schools; 105. Methods of Research in Education.**

# College of Technology

The College of Technology offers a well-rounded education for the ambitious, properly prepared young man with an aptitude for mathematics, physics, and chemistry. The various curricula are so arranged that training in the basic sciences during the early part of the course is later applied to problems in the field of study which the student elects at the beginning of the sophomore year.

This scientific and technical work, accompanied by courses in English and Public Speaking, Economics and Psychology, or other groups of electives, prepares the student, upon graduation, for an administrative career as well as for purely professional work. Emphasis is placed on study and interests which will promote the engineer's active participation in the civic and social life of his community. The student should not elect non-technical courses indiscriminately among non-related subjects but should confine such studies to those which naturally fall in the same group, as (1) mathematics and science, (2) economics and psychology, (3) history, psychology, and sociology, (4) foreign language, (5) literature.

The College of Technology, which confers the degree of Bachelor of Science upon completion of any of its curricula, provides technical instruction in the following:

Chemistry  
Chemical Engineering  
Chemical Engineering (Pulp and Paper Division)  
Civil Engineering  
Electrical Engineering  
Engineering Physics  
General Engineering  
Mechanical Engineering

\* For Agricultural Engineering, see page 66.

Attention is called to the Tutorial Honors course (see section on General Courses) which is open to superior students in engineering who may desire to supplement their field of concentration with study under individual tutorial guidance.

The freshman year (see page 135) is common to all engineering courses and chemistry.

Orientation lectures and conferences with faculty advisers during his first year are designed to assist the freshman in the final selection of his course.

The following requirements for graduation are common to all curricula in this College.

1. A total of  $214\frac{1}{2}$  credit hours\* exclusive of Military Science & Tactics, and Physical Training. Four and one-half of these hours may be allowed for thesis. Of the courses required for graduation, in which letter grades are given,  $157\frac{1}{2}$  credit hours must be passed with a grade of C or above; or, in the case of those students who are excused from Military Science & Tactics or who enter with advanced standing from other institutions, 70 per cent of the hours offered for graduation, in which letter grades are given, must be passed with a grade of C

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\* The term "credit hours" in the present catalog refers to the credit earned for study during a twelve-week quarter. One of these credit hours is equivalent to two-thirds of one obtained for a semester's work. Thus a student who has already acquired a number of semester credit hours may find the equivalent number of the present credit hours by multiplying by three-halves.

or above. This ratio of hours should be maintained throughout the course from the beginning.

2. Drawing, six credit hours.
3. Language: English and Public Speaking, eighteen credit hours with a minimum of three and a maximum of six credit hours of Public Speaking.
4. Mathematics, twenty-seven credit hours.
5. Military Science and Tactics, ten and one-half credit hours. Physical Training, four years.
6. Science: Chemistry, twelve credit hours; Physics, fifteen credit hours.

### Course Expenses

The following statement about the expenses incurred by students in the College is intended to supplement the material contained in the section on expenses, beginning on page 45.

For College of Technology students the minimum and maximum course expenses (inclusive of required equipment, books, and supplies, but exclusive of Military deposit) are indicated in the following table:

Freshmen	\$80.00 Per Year, of which approximately \$70.00 will be required for the First Quarter which includes drawing equipment and instruments.
Sophomores	\$40.00-75.00 Per Year
Juniors	40.00-80.00 Per Year
Seniors	40.00-80.00 Per Year

In the case of the sophomores, juniors, and seniors, about 60% of the expenses will come in the First Quarter. The expense for these students is mostly for textbooks, paper, etc.

In Chemistry and Chemical Engineering courses, students are required to pay for all apparatus broken or lost and for certain non-returnable supplies. Breakage cards at \$3.00 each are obtainable at the Treasurer's office. Unused portions will be refunded at the end of the term on obtaining clearance at the chemistry storeroom.

### Freshman Year

Common to all engineering courses and Chemistry

FIRST TERM				SECOND TERM					
Subject	Hours			Subject	Hours				
	Rec.	Lab.	Cr.		Rec.	Lab.	Cr.		
Ch 1a	Gen. Chemistry	3	3	4	Ch 1b	Gen. Chemistry	3	3	4
Eh 1a	Fresh. Comp.	3	0	3	Eh 1b	Fresh. Comp.	3	0	3
Md 1a	Funds. Draft.	0	4	2	Md 1b	Funds. Draft.	0	4	2
Ms 1a	Math.	4	0	4	Ms 1b	Math.	4	0	4
Mt A	Military Training	2	1	1½	Mt B	Military Training	2	1	1½
Ps 1a	Gen. Phy.	4	2	5	Ps 1b	Gen. Phy.	4	2	5
Pt 1	Phy. Education	0	2	0	Pt 2	Phy. Education	0	2	0
Gc 5a	Orientation	1	0	½	Gc 5b	Orientation	1	0	½



## University of Maine

## THIRD TERM

Subject			Hours		
			Rec.	Lab.	Cr.
Ch	1c	Gen. Chem. ....	3	3	4
Eh	1c	Fresh. Comp.....	3	0	3
Md	1c	Drafting .....	0	4	2
Ms	1c	Math. ....	4	0	4
Mt	C	Military Training .....	2	1	1½
Ps	1c	Gen. Phy. ....	4	2	5
Pt	3	Phy. Education .....	0	2	0

**DEPARTMENTS OF INSTRUCTION**

*Courses numbered 1-50 are for undergraduates only; courses numbered 51-100 are primarily for upperclassmen and graduates; courses numbered above 100 are primarily for graduates.*

*If a course is continued through two or three quarters, the letters a,b or a,b,c appear directly after the course number. In all such cases the first term course may be taken by itself, but the second may not be taken prior to the first.*

**CHEMISTRY, CHEMICAL ENGINEERING, AND PULP AND PAPER TECHNOLOGY**

PROFESSORS BRADT†, BRANN, BRAUTLECHT, AND BRAY; ASSOCIATE PROFESSORS JENNESS, OTTO†, AND DOUGLASS\*; ASSISTANT PROFESSORS CAULFIELD AND BOGAN; ACTING ASSISTANT PROFESSOR JENKINS; MR. MARTIN

It is expected that students majoring in this department will maintain work of at least C quality in all technical courses.

For Chemistry, Chemical Engineering, and Pulp and Paper Technology courses in the Summer Session, see the Summer Session Bulletin.

For courses in Biochemistry, see the list of courses given by the Department of Bacteriology and Biochemistry.

**CHEMISTRY**

The Chemistry curriculum is designed to give the student a thorough understanding of the principles of inorganic, analytical, organic and physical chemistry and closely related sciences, and a mastery of the fundamental techniques and skills essential to successful chemical testing of industrial materials, the development of new products, and the improvement of industrial processes involving changes of materials.

Superior students should give serious consideration to continuing their chemical studies at the graduate level.

The student must elect, in addition to the required courses listed, twenty-one credit hours in the humanities, that is, in non-specialized courses other than the physical sciences.

**CHEMISTRY CURRICULUM**

**Freshman Year.** See page 135.

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† On leave of absence for military service.

\*Acting Department Head.

## Sophomore Year

FIRST TERM				SECOND TERM			
Subject	Hours	Lab.	Rec. or Cr. Comp.	Subject	Hours	Lab.	Rec. or Cr. Comp.
Ch 31	Micro-Qual. Anal.	2	3 3	Ch 40a	Quant. Anal.	1	8 4
Ch 51a	Organic Chem.	3	4 5	Ch 51b	Organic Chem.	3	4 5
Ms 7a	Calculus	5	0 5	Ms 7b	Calculus	5	0 5
Mt D	Military Training	2	1 2	Mt E	Military Training	2	1 2
Sh 1a	Public Speaking	2	0 2	Sh 1b	Public Speaking	2	0 2
Pt 4	Phy. Education	0	2 0	Pt 5	Phy. Education	0	2 0
	Elective		2		Elective		2

## THIRD TERM

Subject	Hours	Lab.	Rec. or Cr. Comp.
Ch 40b	Quant. Anal.	1	8 4
Ch 51c	Organic Chem.	3	4 5
Ms 7c	Calculus	5	0 5
Mt F	Military Training	2	1 2
Pt 6	Phy. Education	0	2 0
	Electives		4

## Junior Year

Subject	Hours	Lab.	Rec. or Cr. Comp.	Subject	Hours	Lab.	Rec. or Cr. Comp.
Ch 71a	Physical Chem.	2	6 5	Ch 71b	Physical Chem.	2	6 5
Ch 89	Adv. Organic Prep.	0	6 2	Ch 90	Organic Anal.	1	6 3
Eh 9b	Modern Lit.	2	0 2	Eh 5a	Tech. Comp.	2	0 2
Gm 19a	German for Chem.	3	0 3	Gm 19b	German for Chem.	3	0 3
Pt 7	Phy. Education	0	3 0	Pt 8	Phy. Education	0	3 0
*Ps 17a	Int. Physics	2	4 4	*Ps 17b	Int. Physics	2	4 4
	Elective		2		Elective		2

## THIRD TERM

Subject	Hours	Lab.	Rec. or Cr. Comp.
Ch 64	Int. Quant. Anal.	1	8 4
Ch 71c	Physical Chem.	2	6 5
Eh 5b	Tech. Comp.	2	0 2
Gm 19c	German for Chem.	3	0 3
Pt 9	Phy. Education	0	3 0
*Ps 17c	Int. Physics	2	4 4
	Elective		2

## Senior Year

Subject	Hours	Lab.	Rec. or Cr. Comp.	Subject	Hours	Lab.	Rec. or Cr. Comp.
Ch 85	Chem. Lit.	2	0 2	Ch 49b	Thesis	0	6 2
Ch 91a	Int. Organic Chem.	3	0 3	Ch 54	Adv. Inorganic	3	0 3
Gm 21a	German for Chem.	3	0 3	Ch 91b	Int. Organic Chem.	3	0 3
Pt 10	Phy. Education	0	3 0	Gm 21b	German for Chem.	3	0 3
*By 1	Bacteriology	0	6 3	Pt 11	Phy. Education	0	3 0
*By 3	Bacteriology	3	0 3	*By 52	Bacteriology	2	4 4
	Electives		4		Electives		5

\* Recommended elective.

## THIRD TERM

Subject	Hours	Lab.	
		Rec. or Comp.	Cr.
Ch 49c Thesis .....	0	6	2
Ch 84 Metallurgy .....	3	0	3
Ch 91c Int. Organic Ch.....	3	0	3
Gm 21c German for Chem.....	3	0	3
Pt 12 Phy. Education.....	0	3	0
Electives .....			5

## COURSES IN CHEMISTRY

In each laboratory course a breakage card is required.

	HOURS PER WEEK		
	REC.	LAB.	CREDIT
<b>1. a,b,c. General Chemistry.</b>	3	3	4
<b>5. a,b. Inorganic Chemistry.</b> (Home Economics only)	2	2	3
<b>7. General Chemistry.</b> (Three Year Nursing Students)	4	2	5
<b>31. Micro-Qualitative Analysis.</b> Prerequisite, Course 1c.	2	3	3
<b>40. a,b. Quantitative Analysis.</b> Prerequisite, Course 1 or 5.	1	8	4
<b>46. Water Analysis.</b>	0	3	1
<b>49. a,b,c. Undergraduate Thesis.</b>	Ar		
<b>51. a,b,c. Organic Chemistry.</b> Prerequisite, Course 1.	3	4	5
<b>54. Advanced Inorganic Chemistry.</b> Prerequisites, Courses 1, 31, 40.	3	0	3
<b>61. Technical Analysis.</b> Prerequisite, Course 40.	1	8	4
<b>64. Intermediate Quantitative Analysis.</b> Prerequisite, Course 40.	1	8	4
<b>71. a,b,c. Physical Chemistry.</b> Prerequisites, Course 40 and Calculus.	2	6	5
<b>84. Metallurgy.</b>	3	0	3
<b>85. Chemical Literature.</b> Prerequisite, Course 51.	2	0	2
<b>89. Advanced Organic Preparations.</b> Prerequisite, Course 51.	0	6	2
<b>90. Organic Analysis.</b> Prerequisite, Course 51.	1	6	3
<b>91. a,b,c. Intermediate Organic Chemistry.</b> Prerequisite, Course 51.	3	0	3
<b>95. Chemical Thermodynamics.</b> Prerequisite, Course 71.	3	0	3
<b>96. Electrochemistry.</b>	3	0	3

## CHEMICAL ENGINEERING CURRICULUM

This curriculum is designed to train students for the operation, control and improvement of large scale industrial processes involving changes in material. The program affords both laboratory and actual industrial plant experience in the application of the fundamental principles of chemistry and physics to flow conditions of

continuous plant operation. Because of the importance of the pulp and paper industry in Maine, and because of the traditional emphasis on pulp and paper technology at the University, wherever possible chemical engineering principles and processes are illustrated by the study of current practice in and problems relating to the pulp and paper industry.

**Freshman Year.** See page 135.

### Sophomore Year

FIRST TERM				SECOND TERM					
Subject	Hours			Subject	Hours				
	Rec.	Lab.	Cr.		Rec.	Lab.	Cr.		
Ch 31	Micro-Qual. Anal.	2	3	3	Ch 40a	Quant. Anal.	1	8	4
Ch 51a	Organic Chem.	3	4	5	Ch 51b	Organic Chem.	3	4	5
ChE 33a	Stoichiometry	2	0	2	ChE 33b	Stoichiometry	2	0	2
Ms 7a	Calculus	5	0	5	Ms 7b	Calculus	5	0	5
Mt D	Military Training	2	1	2	Mt E	Military Training	2	1	2
Sh 1a	Public Speaking	2	0	2	Pt 5	Phy. Education	0	2	0
Pt 4	Phy. Education	0	2	0					

### THIRD TERM

Subject	Hours			
	Rec.	Lab.	Cr.	
Ch 40b	Quant. Anal.	1	8	4
Ch 51c	Organic Chem.	3	4	5
ChE 33c	Stoichiometry	2	0	2
Ms 7c	Calculus	5	0	5
Mt F	Military Training	2	1	2
Sh 1b	Public Speaking	2	0	2
Pt 6	Phy. Education	0	2	0

### Junior Year

FIRST TERM				SECOND TERM					
Subject	Hours			Subject	Hours				
	Rec.	Lab.	Cr.		Rec.	Lab.	Cr.		
Ch 61	Tech. Anal.	1	8	4	Ch 71b	Physical Chem.	2	6	5
Ch 71a	Physical Chem.	2	6	5	ChE 75b	Els. of Ch. Eng.	3	0	3
ChE 75a	Els. of Ch. Eng.	3	0	3	Eh 5a	Tech. Comp.	2	0	2
Eh 9b	Modern Lit.	2	0	2	Gm 19b	German for Chem.	3	0	3
Gm 19a	German for Chem.	3	0	3	Ps 26	Physical Meas.	0	4	2
Pt 7	Phy. Education	0	3	0	Pt 8	Phy. Education	0	3	0
					Elective				2

### THIRD TERM

Subject	Hours			
	Rec.	Lab.	Cr.	
Ch 71c	Physical Chem.	2	6	5
ChE 75c	Els. of Ch. Eng.	3	0	3
Eh 5b	Tech. Comp.	2	0	2
Gm 19c	German for Chem.	3	0	3
Me 43	Heat Eng.	3	0	3
Pt 9	Phy. Education	0	3	0
	Elective			2

## Senior Year

Rec. Lab. Cr.			Rec. Lab. Cr.		
Ch 85	Chemical Lit.	2 0 2	ChE 49a	Thesis	2
ChE 77a	Inorganic Tech.	3 0 3	ChE 77b	Inorganic Tech.	3 0 3
ChE 81a	Chem. Eng. Lab.	1 4 3	ChE 81b	Chem. Eng. Lab.	1 4 3
Ee 31a	Electric Cir.	2 0 2	ChE 83	ChE of P & P.	3 0 3
Me 41	Mechanical Lab.	0 3 1½	Ee 31b	Elec. Circuits	2 0 2
Me 53a	Mechanics	3 0 3	Me 53b	Mechanics	3 0 3
Pt 10	Phy. Education	0 3 0	Pt 11	Phy. Education	0 3 0
	Elective	3			

## THIRD TERM

Subject	Hours	
	Rec.	Lab. Cr.
ChE 49b	Thesis	2
ChE 78	Organic Tech.	3 0 3
ChE 81c	Chem. Eng. Lab.	1 4 3
ChE 84	Unit Processes	1 4 3
Ee 31c	Elec. Circuits	2 0 2
Me 53c	Mechanics	3 0 3
Pt 12	Phy. Education	0 3 0

## COURSES IN CHEMICAL ENGINEERING

	HOURS PER WEEK		
	REC.	LAB.	CREDIT
<b>33. a,b,c. Stoichiometry.</b>	2	0	2
<b>35. a,b,c. Chemical Engineering Processes and Equipment.</b> (Applied to Pulp and Paper)	3	0	3
<b>49. a,b,c. Undergraduate Thesis.</b>	Ar		
<b>61. Technical Analysis—Pulp and Paper Analysis.</b>	1	8	4
<b>75. a,b,c. Elements of Chemical Engineering.</b> Prerequisite, C grade in Course 33.	3	0	3
<b>77. a,b. Inorganic Technology.</b>	3	0	3
<b>78. Organic Technology.</b>	3	0	3
<b>81. a,b,c. Chemical Engineering Laboratory.</b> Prerequisite, Course 75.	1	4	3
<b>83. Chemical Engineering of Pulp and Paper Manufacture.</b> Prerequisite, Course 75.	3	0	3
<b>84. Unit Processes.</b>	1	4	3
<b>85. Pulp and Paper Manufacture.</b>	1	4	3
<b>87. Chemical Engineering Mill Inspections.</b>	0	9	3
<b>88. Chemical Engineering Mill Practice.</b>	0	9	3
<b>175. Chemical Engineering Plant Design.</b>	3	0	3
<b>178. a,b. Chemical Engineering Thermodynamics.</b>	3	0	3

## PULP AND PAPER DIVISION

The Chemical Engineering (Pulp and Paper Division) curriculum includes all the basic courses in Chemical Engineering and Pulp and Paper Technology, and prepares students for such positions as production foremen, salesmen, research and works-control chemists in the pulp and paper field, and chemical engineering industries.

Courses in mechanical and in electrical engineering are included to familiarize the student with associated engineering fields. Graduates receive the degree of Bachelor of Science in Chemical Engineering (Pulp and Paper Division).

**Freshman Year.** See page 135.

### Sophomore Year

Same as Chemical Engineering. See page 140.

### Summer

Subject	Hours	Cr.
Pa 40s Summer Mill Practice.....	3	

### Junior Year

FIRST TERM				SECOND TERM			
Subject	Hours			Subject	Hours		
	Rec.	Lab.	Cr.		Rec.	Lab.	Cr.
Ch 71a Physical Chem.....	2	6	5	Ch 71b Physical Chem. ....	2	6	5
ChE 75a Els. of Ch. Eng.....	3	0	3	ChE 75a Els. of Ch. Eng.....	3	0	3
Eh 9b Modern Lit.....	2	0	2	Eh 5a Tech. Comp.....	2	0	2
*Gm 19a German for Chem....	3	0	3	*Gm 19b German for Chem....	3	0	3
Pa 65a Pulp and Paper Tech. 3	0	3		Pa 65b Pulp and Paper Tech...3	0	3	
Sh 1a Public Speaking .....2	0	2		Pa 67 Pulp Mfg. ....	0	4	2
Pt 7 Phy. Education.....	0	3	0	Pa 68 Paper Mfg. ....	0	4	2
				Sh 1b Public Speaking .....2	0	2	
				Pt 8 Phy. Education.....	0	3	0

### THIRD TERM

Subject	Hours		
	Rec.	Lab.	Cr.
Ch 71c Physical Chem. ....	2	6	5
ChE 75c Els. of Ch. Eng.....	3	0	3
Eh 5b Tech. Comp.....	2	0	2
*Gm 19c German for Chem.....	3	0	3
Pa 65c Pulp and Paper Tech.....	3	0	3
Me 43 Heat Eng. ....	3	0	3
Pt 9 Phy. Education .....	0	3	0

### Senior Year

Rec. Lab. Cr.			Rec. Lab. Cr.				
*ChE 77a Inorganic Tech. ....	3	0	3	*ChE 77b Inorganic Tech.....	3	0	3
ChE 81a Chem. Eng. Lab.....	1	4	3	ChE 81b Chem. Eng. Lab.....	1	4	3
Me 41 Mechanical Lab.....	0	3	1½	ChE 83 Chem. Eng. of P & P..3	0	3	
Me 53a Mechanics .....	3	0	3	Me 53b Mechanics .....	3	0	3
Pa 87 Pa. Test. & Anal.....	0	4	2	*Pa 49a Thesis .....	Ar		2
Pa 89 P & P Practice.....	0	9	3	Pa 86 Pulp Test. & Anal.....	0	4	2
Pt 10 Phy. Education.....	0	3	0	Pt 11 Phy. Education.....	0	3	0

\* Recommended elective.

## THIRD TERM

Subject	Hours		
	Rec.	Lab.	Cr.
*ChE 78 Organic Tech.....	3	0	3
ChE 81c Chem. Eng. Lab.....	1	4	3
ChE 84 Unit Processes.....	1	4	3
Me 53c Mechanics .....	3	0	3
Pa 49b Thesis .....	Ar		2
Pa 82 Pulp Coloring and Bleaching .....	0	4	2
Pt 12 Phy: Education .....	0	3	0

\* Recommended elective.

## COURSES IN PULP AND PAPER TECHNOLOGY

	HOURS PER WEEK		
	REC.	LAB.	CREDIT
49. a,b,c. Undergraduate Thesis.			Ar
65. a,b,c. Pulp and Paper Tech.	3	0	3
67. Pulp Manufacture.	0	4	2
68. Paper Manufacture.	0	4	2
82. Pulp Coloring and Bleaching.	0	4	2
86. Pulp Testing and Analysis.	0	4	2
87. Paper Testing and Analysis.	0	4	2
89. Pulp and Paper Practice.	0	9	3
105. 106. Investigations in Pulp and Paper Tech.			Ar
125. Graduate Thesis.			Ar
40s. Summer Mill Practice.	Ar	Ar	3

## CIVIL ENGINEERING

PROFESSORS EVANS, LEAVITT, AND LYON; ASSOCIATE PROFESSOR TREFETHEN;  
ASSISTANT PROFESSORS RYCKMAN†, TAYLOR

The Civil Engineering curriculum is arranged to prepare young men to take up the work of design and construction of buildings, bridges, transportation facilities, and sanitary systems. Specific phases of the work include Surveying, Geology, Soil Mechanics, Highway and Hydraulic Engineering, and Structural Design. Additional work is offered in Soil Mechanics and Geology.

Courses in Mechanical and Electrical Engineering are included in the program to familiarize the civil engineer with phases of work in these fields frequently encountered in professional practice.

**Freshman Year.** See page 135.

† On leave of absence for military service.



## Sophomore Year

FIRST TERM				SECOND TERM					
Subject	Hours			Subject	Hours				
	Rec.	Lab.	Cr.		Rec.	Lab.	Cr.		
Ce 1	Surveying	3	0	3	Ce 3b	Field Work & Plot	0	6	2
Ce 3a	Field Work & Plot	0	6	2	Ce 10a	Curves & Earthwork	2	3	3
Md 3a	Descriptive Geometry	0	4	1½	Md 3b	Descriptive Geometry	0	4	1½
Ms 7a	Calculus	5	0	5	Ms 7b	Calculus	5	0	5
Mt D	Military Training	2	1	2	Mt E	Military Training	2	1	2
Sh 1a	Public Speaking	2	0	2	Sh 1b	Public Speaking	2	0	2
Pt 4	Phy. Education	0	2	0	Pt 5	Phy. Education	0	2	0
	Elective	—	—	—		Elective	—	—	—

## THIRD TERM

Subject	Hours			
	Rec.	Lab.	Cr.	
Ps 22	Mechanics & Heat Lab	0	4	2
Ce 10b	Curves & Earthwork	2	3	3
Ce 16	Geology	3	3	4
Ms 7c	Calculus	5	0	5
Mt F	Military Training	2	1	2
Sh 1c	Public Speaking	2	0	2
Pt 6	Phy. Education	0	2	0
	Elective	—	—	—

## Junior Year

FIRST TERM				SECOND TERM					
Subject	Hours			Subject	Hours				
	Rec.	Lab.	Cr.		Rec.	Lab.	Cr.		
Ce 25	Engineering Geology	3	3	4	Ce 20	Structural & Highway			
Ce 29	Highway Const.	5	0	5		Materials	2	6	4
Eh 5a	Technical Comp.	2	0	2	Ce 26	Hydraulics	5	0	5
Me 51a	Mechanics	5	0	5	Eh 5b	Tech. Comp.	2	0	2
Pt 7	Phy. Education	0	3	0	Me 51b	Mechanics	5	0	5
	Elective	—	—	—	Pt 8	Phy. Education	0	3	0
						Elective	—	—	—

## THIRD TERM

Subject	Hours			
	Rec.	Lab.	Cr.	
Ce 27	Foundations	3	3	4
Ce 33	Sanitary Eng. & Water			
	Supply	3	3	4
Ce 52	Theory of Structures	2	3	3
Me 51c	Mechanics	5	0	5
Pt 9	Phy. Education	0	3	0
	Elective	—	—	—

## Senior Year

FIRST TERM				SECOND TERM					
Subject	Hours			Subject	Hours				
	Rec.	Lab.	Cr.		Rec.	Lab.	Cr.		
Ce 51	Hyd. Eng. Office Work	0	6	2	Ce 57b	Structural Design	5	0	5
Ce 55	Hydrology	2	0	2	Ce 59b	Structural Design	0	6	2
Ce 57a	Structural Design	5	0	5	Ce 63	Highway Economics	3	0	3
Ce 59a	Structural Design	0	6	2	Ce 71	Sanitary Engineering	2	3	3
Me 43	Heat Engineering	3	0	3	Ee 35b	Direct and Alt. Curr.	2	0	2
Me 49	Mech. Laboratory	0	3	1½	Me 78	Hydraulic Lab.	0	3	1½
Ee 35a	Direct Currents	2	0	2	Pt 11	Phy. Education	0	3	0
Pt 10	Phy. Education	0	3	0		Elective	—	—	—
	Elective	—	—	—					

## THIRD TERM

Subject		Hours			
		Rec.	Lab.	Cr.	
Ce	57c	Structural Design.....	5	0	5
Ce	59c	Structural Design.....	0	6	2
Ce	68	Highway Eng.....	0	6	2
Ce	72	Highway Eng.....	3	0	3
Ce	74	Sanitary Eng.....	3	3	4
Ee	35c	Alternate Currents .....	2	0	2
Pt	12	Phy. Education .....	0	3	0
		Elective .....	—	—	—

## COURSES IN CIVIL ENGINEERING

		HOURS PER WEEK		
		REC.	LAB.	CREDIT
1.	Surveying. Prerequisite, Mathematics 1.	3	0	3
2.	Surveying. Prerequisite, Mathematics 1.	2	3	3
3. a,b.	Field Work and Plotting.	0	6	2
4.	Surveying.	3	3	4
6.	Land Surveying. Prerequisites, Courses 1 and 3.	3	0	3
10. a,b.	Curves and Earthwork. Prerequisites, Courses 1 and 3.	2	3	3
12.	Economic Geography.	3	0	3
13. a,b.	Physical Geology.	3	0	3
14.	Introduction to Regional Geography.	3	0	3
15.	Physical Geology Laboratory.	0	3	1
16.	Geology.	3	3	4
17.	Economic Geology.	3	0	3
18.	Historical Geology.	3	0	3
19.	Advanced General Geology. Prerequisite, Course 13 or 16.	3	0	3
20.	Structural and Highway Materials.	2	6	4
25.	Engineering Geology. Prerequisite, Course 16.	3	3	4
26.	Hydraulics. Prerequisite, Course Me 51 a,b.	5	0	5
27.	Foundations. Prerequisite, Course Me 51 a,b.	3	3	4
28.	Soil Stabilization. Prerequisite, Course Me 51 a,b.	1	3	2
29.	Highway Construction. Prerequisites, Courses 1 and 10.	5	0	5
33.	Sanitary Engineering and Water Supply.	3	3	4
49. 50.	Thesis.	0	Ar	Ar
51.	Hydraulic Engineering, Office Work. Prerequisite, Course 26.	0	6	2
52.	Theory of Structures. Prerequisite, Course Me 51 a,b.	2	3	3
55.	Hydrology. Prerequisite, Course 26.	2	0	2
57. a,b,c.	Structural Design.	5	0	5
59. a,b,c.	Structural Design.	0	6	2
62.	Soil Mechanics. Prerequisite, Course Me 51 a,b, or Me 53 a,b.	3	0	3

63.	<b>Highway Economics.</b> Prerequisite, Course 29.	3	0	3
68.	<b>Highway Engineering.</b> Prerequisite, Course 63.	0	6	2
71.	<b>Sanitary Engineering.</b> Prerequisite, Course 33.	2	3	3
72.	<b>Highway Engineering.</b> Prerequisite, Course 63.	3	0	3
74.	<b>Sanitary Engineering.</b> Prerequisite, Course 71.	3	3	4
125.	<b>Graduate Thesis.</b>	0	Ar	Ar

## ELECTRICAL ENGINEERING

PROFESSORS BARROWS, HILL, CREAMER, AND CLOKE; ASSISTANT PROFESSORS CRABTREE AND BLISS†; MR. LIBBEY

The Electrical Engineering curriculum consists of a logical sequence of courses which, beginning with the basic principles of electric circuits and machines and electronic apparatus, progresses in the advanced courses into the design and operating characteristics of equipment involved in both power and communication systems, as well as the functioning of the systems as a whole.

Opportunity is provided for the student to concentrate his work in either the power or communication division, but many students prefer to elect some courses in each and so achieve a broader training.

It is the aim of this curriculum to train the student in fundamental principles which find application in engineering, commercial, or administrative positions with the electric power and communication utilities, governmental agencies, and various manufacturing and industrial organizations.

**Freshman Year.** See page 135.

### Sophomore Year

FIRST TERM					SECOND TERM				
Subject		Hours	Lab.		Subject		Hours	Lab.	
			Rec.	or Cr. Comp.				Rec.	or Cr. Comp.
Ee 1a	Els. of Elec. Eng.....	3	5	5	Ee 1b	Els. of Elec. Eng.....	3	5	5
Es 2a	Prin. of Econ.....	3	0	3	Es 2b	Prin. of Econ.....	3	0	3
Ms 7a	Calculus .....	5	0	5	Ms 7b	Calculus .....	5	0	5
Mt D	Military Training.....	2	1	2	Mt E	Military Training.....	2	1	2
Pt 4	Phy. Education.....	0	2	0	Pt 5	Phy. Education.....	0	2	0
Py 1a	Gen. Psychology.....	2	2	3	Py 1b	Gen. Psychology.....	2	2	3
Sh 1a	Public Speaking .....	2	0	2	Sh 1b	Public Speaking .....	2	0	2

† On leave of absence.

THIRD TERM

Subject		Hours		
		Lab.		
		Rec.	or Cr.	Comp.
Ee	1c Els. of Elec. Eng.....	3	5	5
Ce	2 Plane Surveying.....	2	3	3
Ms	7c Calculus .....	5	0	5
Mt	F Military Training .....	2	1	2
Pt	. 6 Phy. Education .....	0	2	0
Sh	1c Persuasive Speech .....	2	0	2
	Elective .....	—	—	—

Junior Year

FIRST TERM

Subject		Hours		
		Lab.		
		Rec.	or Cr.	Comp.
Ee	13a Electronics .....	2	3	3
Ee	15a El. Cir. & Mach.....	2	3	3
Ee	17a Elec. Testing .....	1	3	2½
Eh	5a Tech. Composition.....	2	0	2
Me	27 Kinematics .....	3	0	3
Me	53a Mechanics .....	3	0	3
Ms	57a Eng. Mathematics.....	3	0	3
Pt	7 Phy. Education.....	0	3	0

SECOND TERM

Subject		Hours		
		Lab.		
		Rec.	or Cr.	Comp.
Ee	13b Electronics .....	2	3	3
Ee	15b El. Cir. & Mach.....	2	3	3
Ee	17b Elec. Testing .....	1	3	2½
Eh	5b Tech. Comp.....	2	0	2
Me	21 Mats. of Eng.....	3	0	3
Me	53b Mechanics .....	3	0	3
Ms	57b Eng. Mathematics.....	3	0	3
Pt	8 Phy. Education.....	0	3	0

THIRD TERM

Subject		Hours		
		Lab.		
		Rec.	or Cr.	Comp.
Ee	15c El. Cir. & Mach.....	3	3	4
Ee	17c Elec. Testing .....	1	3	2½
Ee	22 Telephone Comm.....	3	0	3
Ee	24 Telephone Lab.....	0	3	1½
Me	43 Heat Eng.....	3	0	3
Me	53c Mechanics .....	3	0	3
Ms	57c Eng. Math.....	3	0	3
Pt	9 Phy. Education .....	0	3	0

Senior Year

		Lab.			Lab.				
		Rec. or Cr. Comp.			Rec. or Cr. Comp.				
Ee	51a Alt. Cur. Machinery ..	2	3	3	Ee	51b Alt. Cur. Mach.....	3	0	3
Ee	75a Elec. Testing .....	1	3	2½	Ee	75b Elec. Testing.....	1	3	2½
Options (Two subjects required)				Options (Two subjects required)					
Ee	57 Elec. Pwr. Trans.....	3	3	4	Ee	64 Elec. Motive Power....	4	0	4
Ee	61 Illum. Eng.....	3	0	3	Ee	81b Comm. Eng.....	0	4	2
Ee	81a Comm. Eng.....	0	4	2	Ee	85b Radio Eng.....	2	2	3
Ee	83 Comm. Lab.....	0	3	1½	Ee	88a Radio Lab.....	0	3	1½
Ee	85a Radio Eng. ....	2	2	3	Es	Economics .....	3	0	3
Ee	87 Eng. Acoustics.....	2	0	2	Pt	11 Phy. Education.....	0	3	0
Es	Economics .....	3	0	3					
Me	41 Mech. Lab.....	0	3	1½					
Pt	10 Phy. Education.....	0	3	0					

## THIRD TERM

Subject		Hours		
		Lab.	Rec.	Cr.
			or	Comp.
Options (Six subjects required)				
Ee	56	Elec. Pwr. Plants.....	3	0 3
Ee	60	Elec. Mach. Design.....	3	0 3
Ee	75c	Elec. Testing .....	1	3 2½
Ee	81c	Comm. Eng.....	0	4 2
Ee	85c	Radio Eng. ....	2	2 3
Ee	88b	Radio Lab.....	0	3 1½
Es		Economics .....	3	0 3
Pt	12	Phy. Education .....	0	3 0

## COURSES IN ELECTRICAL ENGINEERING

		HOURS PER WEEK		
		REC.	LAB. OR COMP.	CREDIT
<b>1. a,b,c.</b>	<b>Elements of Electrical Engineering.</b> Prerequisites, Physics and Mathematics	3	5	5
<b>1p. a,b,c.</b>	<b>Elements of Electrical Engineering.</b>	3	3	4
<b>13. a,b.</b>	<b>Electronics.</b> Prerequisite, Course 1. Course 15 is required concurrently.	2	3	3
<b>15. a,b.</b>	<b>Electric Circuits and Machinery.</b> Prerequisite, Course 1.	2	3	3
<b>15. c.</b>	<b>Electric Circuits and Machinery.</b>	3	3	4
<b>17. a,b,c.</b>	<b>Electrical Testing.</b> Prerequisite, Course 1. Course 15 is required concurrently.	1	3	2½
<b>22.</b>	<b>Telephone Communication.</b> Prerequisite, Course 15. Course 24 is required concurrently.	3	0	3
<b>24.</b>	<b>Telephone Laboratory.</b> Course 22 is required concurrently.	0	3	1½
<b>31. a,b,c.</b>	<b>Electrical Circuits and Electronics.</b>	2	0	2
<b>35. a,b,c.</b>	<b>Direct and Alternating Currents.</b>	2	0	2
<b>38.</b>	<b>Electrical Laboratory.</b> Prerequisite, Course 35.	0	3	1½
<b>49.</b>	<b>Thesis.</b>			
<b>51. a.</b>	<b>Alternating Current Machinery.</b> Prerequisite, Course 15.	2	3	3
<b>51. b.</b>	<b>Alternating Current Machinery.</b>	3	0	3
<b>56.</b>	<b>Electrical Power Plants.</b> Prerequisite, Course 51.	3	0	3
<b>57.</b>	<b>Electrical Power Transmission.</b> Prerequisite, Course 15.	3	3	4
<b>60.</b>	<b>Electrical Machine Design.</b> Prerequisite, Course 51.	3	0	3
<b>61.</b>	<b>Illuminating Engineering.</b>	3	0	3
<b>64.</b>	<b>Electric Motive Power.</b> Prerequisite, Course 51.	4	0	4
<b>75. a,b,c.</b>	<b>Electrical Testing.</b>	1	3	2½

81. a,b,c.	<b>Communication Engineering.</b> Prerequisite, Course 22.	0	4	2
83.	<b>Communication Laboratory.</b> Prerequisite, Course 22. Course 81 is required concurrently.	0	3	1½
85. a,b,c.	<b>Radio Engineering.</b> Prerequisite, Course 22.	2	2	3
87.	<b>Engineering Acoustics.</b> Prerequisite, Course 22.	2	0	2
88. a,b.	<b>Radio Laboratory.</b> Course 85 is required concurrently.	0	3	1½
91. a,b,c.	<b>Theory of Electricity.</b>	2	0	2
156.	<b>Advanced Electrical Power Plants.</b> Prerequisites, Courses 51, 56, and 75.	2	0	2
157. a,b.	<b>Advanced Electrical Power Transmission.</b> Prerequisite, Course 57.	2	0	2
165.	<b>Advanced Theory of Electrical Machinery.</b> Prerequisite, Course 60.	3	0	3
175.	<b>Electrical Laboratory.</b> Prerequisites, Courses 51, 60, and 75. Course 165 is concurrent.	1	3	2½
185.	<b>Communication Networks.</b>	2	0	2
186.	<b>Ultra-High Frequency Phenomena.</b> Prerequisite, Course 85.	2	0	2
187.	<b>Radio Seminar.</b> Prerequisite, Course 85.	2	0	2
188.	<b>Circuits Laboratory.</b> Prerequisite, Course 185.	0	3	1½

## ENGINEERING PHYSICS

PROFESSOR BENNETT; ASSOCIATE PROFESSOR CROFUTT; ASSISTANT PROFESSOR LARSEN\*; MR. OLESON\*, MR. LEARNARD, MR. MURPHY, MR. COFFIN, MR. KINGSBURY

This curriculum is an answer to the growing demand on the part of industry for college men trained in physics in an engineering atmosphere. It recognizes the fact that for certain students undergraduate specialization in a single engineering field is not a rigid requirement for success in industrial work. This program is basically one of applied science supplemented with a strong minor in one or more of the well-defined engineering fields. It is developed around a framework of required courses in intermediate and advanced physics, mathematics, and chemistry in addition to certain strictly engineering courses, some required and some elected in the last two years. Thus the emphasis is placed upon both engineering and physics.

The curriculum is also suited for those students who, by virtue of their ability and interest, are preparing to do graduate work.

**Freshman Year.** See page 135.

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\* On leave of absence for military service.

## Sophomore Year

FIRST TERM				SECOND TERM					
Subject	Hours			Subject	Hours				
	Rec.	Lab.	Cr.		Rec.	Lab.	Cr.		
Es 2a	Prin. of Econ.	3	0	3	Es 2b	Prin. of Econ.	3	0	3
Me 9a	Mach. Tool Lab.	0	4½	1½	Me 9b	Mach. Tool Lab.	0	4½	1½
Ms 7a	Calculus	5	0	5	Ms 7b	Calculus	5	0	5
Mt D	Military Training	2	1	2	Mt E	Military Training	2	1	2
Ps 17a	Interm. Physics	2	4	4	Ps 17b	Interm. Physics	2	4	4
Pt 4	Phy. Education	0	2	0	Pt 5	Phy. Education	0	2	0
Sh 1a	Public Speaking	2	0	2	Sh 1b	Public Speaking	2	0	2
Electives (Choose one subject)				Electives (Choose one subject)					
*Gm 19a	German for Chem.	3	0	3	*Gm 19b	German for Chem.	3	0	3
*As 15a	Gen. Astronomy	3	0	3	*As 15b	Gen. Astronomy	3	0	3

## THIRD TERM

Subject	Hours			
	Rec.	Lab.	Cr.	
Me 9c	Mach. Tool Lab.	0	4½	1½
Ms 7c	Calculus	5	0	5
Mt F	Military Training	2	1	2
Ps 17c	Interm. Physics	2	4	4
Pt 6	Phy. Education	0	2	0
Ch 40p	Quant. Analysis	1	6	3
Electives (Choose one subject)				
*Gm 19c	German for Chem.	3	0	3
*As 15c	Gen. Astronomy	3	0	3

## Junior Year

FIRST TERM				SECOND TERM					
Subject	Hours			Subject	Hours				
	Rec.	Lab.	Cr.		Rec.	Lab.	Cr.		
Eh 5a	Tech. Comp.	2	0	2	Eh 5b	Tech. Comp.	2	0	2
Me 53a	Mechanics	3	0	3	Me 53b	Mechanics	3	0	3
Ms 57a	Eng. Math.	3	0	3	Ms 57b	Eng. Math.	3	0	3
Ps 53a	Elec. Meas.	0	4	2	Ps 53b	Elec. Meas.	0	4	2
Ps 55a	Elec. & Mag.	3	0	3	Ps 55b	Elec. & Mag.	3	0	3
Pt 7	Phy. Education	0	3	0	Pt 8	Phy. Education	0	3	0
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*Ee 1p,a	Els. of Elec. Eng.	3	3	4	*Ee 1p,b	Els. of Elec. Eng.	3	3	4
*Ch 71	Physical Chem.	2	6	5	*Ch 71	Physical Chem.	2	6	5
*Me 21	Mats. of Eng.	3	0	3	*Me 22	Els. of Mech. Eng.	2	3	3½

## THIRD TERM

Subject	Hours			
	Rec.	Lab.	Cr.	
Eh 9a	Modern Lit.	2	0	2
Me 53c	Mechanics	3	0	3
Ms 57c	Eng. Math.	3	0	3
Ps 26	Phy. Meas.	0	4	2
Ps 65a	Electron. Pheno.	2	0	2
Ps 72a	Optics	2	0	2
Pt 9	Phy. Education	0	3	0
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*Ee 1p,c	Els. of Elec. Eng.	3	3	4
*Ch 84	Metallurgy	3	0	3

## Senior Year

FIRST TERM				SECOND TERM					
Subject	Hours			Subject	Hours				
	Rec.	Lab.	Cr.		Rec.	Lab.	Cr.		
Ps 65b	Electron. Phen.	3	0	3	Ps 62a	Heat & Therm.	2	0	2
Ps 72b	Optics	2	0	2	Ps 69a	Mod. Physics	2	0	2
Ps 81a	Adv. Lab.	0	6	3	Ps 81b	Adv. Lab.	0	6	3
Ms 56a	Adv. Math (Vector)	3	0	3	Ms 56b	Adv. Math (Vector)	3	0	3
Pt 10	Phy. Education	0	3	0	Pt 11	Phy. Education	0	3	0
<hr/>				<hr/>					
*Ch 51a(p)	Org. Chem.	3	0	3	*Ch 51b(p)	Org. Chem.	3	0	3
*Ee 13a	Electronics	2	3	3	*Ee 13b	Electronics	2	3	3
*Ee 15a	El. Cir. & Mach.	2	3	3	*Ee 15b	El. Cir. & Mach.	2	3	3
*Ee 17a	Elec. Testing	1	3	2½	*Ee 17b	Elec. Testing	1	3	2½
*Me 33a	Heat Eng.	3	0	3	*Me 33b	Heat Eng.	3	0	3
THIRD TERM									
Subject	Hours			Subject	Hours				
	Rec.	Lab.	Cr.		Rec.	Lab.	Cr.		
Ps 62b	Heat & Therm.	2	0	2					
Ps 69b	Mod. Physics	2	0	2					
Ps 81c	Adv. Lab.	0	6	3					
Ps 98	Seminar	1	0	1					
Pt 12	Phy. Education	0	3	0					
<hr/>				<hr/>					
*Ps 59	Sound	3	0	3					
*Ee 15c	El. Cir. & Mach.	3	3	4					
*Ee 17c	Elec. Testing	1	3	2½					
*Ee 91	Theory of Elec.	2	0	2					
*Me 33c	Heat Eng.	3	0	3					

\* Courses marked with the asterisk are to be considered as recommended electives. Not all are required. It is expected that during the junior and senior years a normal registration will be from 18 to 20 term hours.

**Courses in Engineering Physics.** See pages 120-121.

## GENERAL ENGINEERING

This curriculum, designed for selected pre-eminently capable students, emphasizes training in the fundamentals of engineering and the development of the individual's particular aptitude or preference. It is especially appropriate for the student preferring to specialize in a graduate rather than undergraduate program since, in addition to fundamental and advanced studies in either Chemical, Civil, Electrical, or Mechanical Engineering definitely elected and begun during the sophomore year, it offers him a sequence of studies in one of the following elective groups: mathematics and science; economics and psychology; history, psychology, and sociology; foreign language; literature.

The curriculum also permits a student completing certain electives in either Economics or History and Government in his sophomore year, to obtain a degree of Master of Science in Economics or in History and Government by an additional year of study after obtaining the B.S. in General Engineering.

The Dean of the College is the adviser and registering officer for students in this course.

**Freshman Year.** See page 135.



## Sophomore Year

FIRST TERM				SECOND TERM					
Subject	Hours			Subject	Hours				
	Rec.	Lab.	Cr.		Rec.	Lab.	Cr.		
		Comp.			Comp.				
Ch 31	Micro-Qual. Anal.	2	3	3	Ch 40a	Quant. Anal.	1	8	4
Ee 1a	Els. Elec. Eng.	3	5	5	Ee 1b	Els. Elec. Eng.	3	5	5
Es 2a	Prin. of Econ.	3	0	3	Es 2b	Prin. of Econ.	3	0	3
Md 3a	Desc. Geom.	0	4	1½	Md 3b	Desc. Geom.	0	4	1½
Ms 7a	Calculus	5	0	5	Ms 7b	Calculus	5	0	5
Mt D	Military Training	2	1	2	Mt E	Military Training	2	1	2
Pt 4	Phy. Education	0	2	0	Pt 5	Phy. Education	0	2	0

## THIRD TERM

Subject	Hours			
	Rec.	Lab.	Cr.	
		Comp.		
Ch 40b	Quant. Anal.	1	8	4
Ce 2	Plane Survey.	2	3	3
Ee 1c	Els. Elec. Eng.	3	5	5
Ms 7c	Calculus	5	0	5
Mt F	Military Training	2	1	2
Pt 6	Phy. Education	0	2	0

## Junior Year

FIRST TERM				SECOND TERM					
Subject	Hours			Subject	Hours				
	Rec.	Lab.	Cr.		Rec.	Lab.	Cr.		
		Comp.			Comp.				
Ba 9a	Accounting	2	2	3	Ba 9b	Accounting	2	2	3
Ee 13a	Electronics	2	3	3	Ee 13b	Electronics	2	3	3
Eh 9a	Modern Lit.	2	0	2	Eh 5b	Tech. Comp.	2	0	2
Me 21	Mats. of Eng.	3	0	3	Me 51b	Mechanics	5	0	5
Me 51a	Mechanics	5	0	5	Sh 1b	Public Speaking	2	0	2
Sh 1a	Public Speaking	2	0	2	Pt 8	Phy. Education	0	3	0
Pt 7	Phy. Education	0	3	0		Electives			
	Electives								

## THIRD TERM

Subject	Hours			
	Rec.	Lab.	Cr.	
		Comp.		
Ba 9c	Accounting	2	2	3
Ce 16	Geology	3	3	4
Ce 26	Hydraulics	5	0	5
Me 51c	Mechanics	5	0	5
Pt 9	Phy. Education	0	3	0
	Electives			

## Senior Year

Subject	Hours			Subject	Hours				
	Rec.	Lab.	Cr.		Rec.	Lab.	Cr.		
		Comp.			Comp.				
Ba 51a	Corp. Fin.	3	0	3	Ba 51b	Corp. Fin.	3	0	3
Me 33a	Heat Eng.	3	0	3	Me 33b	Heat Eng.	3	0	3
Me 37a	Mech. Lab.	0	3	1½	Me 37b	Mech. Lab.	0	3	1½
Py 1a	Gen. Psychology	2	2	3	Py 1b	Gen. Psychology	2	2	3
Pt 10	Phy. Education	0	3	0	Pt 11	Phy. Education	0	3	0
	Electives					Electives			

THIRD TERM

Subject		Hours		
		Rec.	Lab.	Cr.
			or	
		Comp.		
Ce	52 Structures .....	2	3	3
Me	33c Heat Eng.....	3	0	3
Me	37c Mech. Lab.....	0	3	1½
Py	1c Gen. Psy. ....	2	2	3
Pt	12 Phy. Education.....	0	3	0
Electives .....				

MECHANICAL ENGINEERING

PROFESSORS WATSON AND PRAGEMAN; ASSISTANT PROFESSORS SPARROW AND LECAIN; MR. PERKINS, MR. LEKBERG†

The Mechanical Engineering curriculum is broad, highly technical, and designed to give the student the necessary background to enter any of the various fields in industry. Emphasis is placed on the fundamental principles underlying the numerous fields of Mechanical Engineering and their application to practical engineering problems. The fields of engineering include aeronautical, automotive, steam power, transportation, refrigeration, heating and ventilating, Diesel engines, industrial safety, sales, research, and management. The Mechanical Engineer may be responsible, either directly or in an administrative capacity, for the design, development, production, installation, operation, and maintenance of machines for industries in all of the above fields. Specialization in any particular branch of Mechanical Engineering is not undertaken.

Freshman Year. See page 135.

Sophomore Year

FIRST TERM				SECOND TERM			
Subject		Hours		Subject		Hours	
		Rec.	Lab.			Rec.	Lab.
		or	or			or	or
		Comp.	Comp.			Comp.	Comp.
Es	2a Prin. of Econ.....	3	0	Es	2b Prin. of Econ.....	3	0
Md	3a Desc. Geom. ....	0	4	Md	3b Desc. Geom. ....	0	4
Me	3 Pattern Work.....	0	6	Me	1 Materials Lab.....	0	6
Me	21 Mats. of Eng.....	3	0	Me	22a Els. of Mech. Eng....	2	3
Ms	7a Calculus .....	5	0	Ms	7b Calculus .....	5	0
Mt	D Military Training....	2	1	Mt	E Military Training....	2	1
Pt	4 Phy. Education.....	0	2	Pt	5 Phy. Education.....	0	2
Sh	1a Public Speaking.....	2	0	Sh	1b Public Speaking.....	2	0
Elective .....		—	—				

† On leave of absence for military service.

## University of Maine

## THIRD TERM \*

Subject		Hours		
		Lab.		
		Rec.	or Cr.	Comp.
Ce	2 Plane Surveying.....	2	3	3
Md	4 Adv. Mach. Drafting.....	0	6	2
Me	22b Els. of Mech. Eng.....	2	3	3½
Ms	7c Calculus .....	5	0	5
Mt	F Military Training .....	2	1	2
Pt	6 Phy. Education .....	0	2	0
Sh	1c Persuasive Speech .....	2	0	2
	Elective .....	—	—	—

## Junior Year

FIRST TERM					SECOND TERM				
Subject		Hours			Subject		Hours		
		Lab.					Lab.		
		Rec.	or Cr.	Comp.			Rec.	or Cr.	Comp.
Ba	56 Business Law.....	3	0	3	Eh	5a Tech. Comp.....	2	0	2
Me	7a Mach. Tool Lab.....	0	6	2	Me	7b Mach. Tool Lab.....	0	6	2
Me	23 Kinematics .....	4	3	5½	Me	24a Mach. Design.....	2	3	3
Me	33a Heat Engineering .....	3	0	3	Me	33b Heat Engineering.....	3	0	3
Me	37a Mech. Lab.....	0	3	1½	Me	36a Heat Power .....	2	0	2
Me	51a Mechanics .....	5	0	5	Me	37b Mech. Lab.....	0	3	1½
Pt	7 Phy. Education.....	0	3	0	Me	51b Mechanics .....	5	0	5
					Pt	8 Phy. Education.....	0	3	0

## THIRD TERM

Subject		Hours		
		Lab.		
		Rec.	or Cr.	Comp.
Eh	5b Tech. Comp.....	2	0	2
Me	7c Mach. Tool Lab.....	0	6	2
Me	24b Mach. Design.....	2	3	3
Me	33c Heat Eng. ....	3	0	3
Me	36b Heat Power.....	2	0	2
Me	37c Mech. Lab.....	0	3	1½
Me	51c Mechanics .....	5	0	5
Pt	9 Phy. Education.....	0	3	0

## Senior Year

		Lab.					Lab.		
		Rec.	or Cr.	Comp.			Rec.	or Cr.	Comp.
Ee	35a Dir. & Alt. Currents ..	2	0	2	Ee	35b Dir. & Alt. Currents ..	2	0	2
Me	59 Fluid Mechanics .....	4	0	4	Me	71b Mech. Lab.....	0	3	1½
Me	71a Mech. Lab.....	0	3	1½	Me	84 Ind. Management.....	3	0	3
Me	81 Heat Eng. ....	3	3	4	Me	86a Power Plants.....	2	0	2
Me	87a Machine Design.....	1	3	2	Me	87b Machine Design.....	0	3	1
Me	93 Int. Comb. Engines ...	4	0	4	Me	91 Heat & Air			
Py	3a App. Psychol. ....	2	0	2		Conditioning .....	4	0	4
Pt	10 Phy. Education.....	0	3	0	Me	92 Aerodynamics .....	4	0	4
					Py	3b App. Psychol.....	2	0	2
					Pt	11 Phy. Education.....	0	3	0

THIRD TERM

Subject			Hours		
			Rec.	Lab. or Comp.	Cr.
Ee	35c	Dir. & Alt. Currents.....	2	0	2
Ee	38	Elec. Lab.....	0	3	1½
Me	71c	Mech. Lab.....	0	3	1½
Me	86b	Power Plants .....	2	0	2
Me	88	Dynamics of Machines..	3	0	3
Me	96	Safety Engineering .....	2	0	2
Pt	12	Phy. Education.....	0	3	0
Electives .....			—	—	—

COURSES IN MECHANICAL ENGINEERING

		HOURS PER WEEK		
		REC.	LAB. OR COMP.	CREDIT
1.	Materials Laboratory.	0	6	2
3.	Pattern Work.	0	6	2
7. a,b,c.	Machine Tool Laboratory.	0	6	2
9. a,b,c.	Machine Tool Laboratory. (Eng. Phy.)	0	4½	1½
21.	Materials of Engineering.	3	0	3
22. a,b.	Elements of Mechanical Engineering.	2	3	3½
23.	Kinematics.	4	3	5½
24. a,b.	Machine Design.	2	3	3
27.	Kinematics (E.E.).	3	0	3
33. a,b,c.	Heat Engineering. Prerequisites, Mathematics 7 and Physics.	3	0	3
36. a,b.	Heat Power. Prerequisite, Course 33.	2	0	2
37. a,b,c.	Mechanical Laboratory. Course 33 is required concurrently.	0	3	1½
41.	Mechanical Laboratory (Ch.E. and E.E.). Prerequisite, Course 43.	0	3	1½
43.	Heat Engineering (Ch.E., C.E., and E.E.). Prerequisites, Mathematics 7 and Physics.	3	0	3
49.	Mechanical Laboratory (C.E.)	0	3	1½
50.	Thesis.			3
51. a,b,c.	Mechanics.	5	0	5
53. a,b,c.	Mechanics.	3	0	3
57.	Advanced Mechanics.	3	0	3
59.	Fluid Mechanics. Prerequisites, Courses 33 and 51.	4	0	4
71. a,b,c.	Mechanical Laboratory. Prerequisite, Course 37.	0	3	1½
78.	Hydraulic Laboratory (C.E.).	0	3	1½
81.	Heat Engineering. Prerequisite, Course 33.	3	3	4
84.	Industrial Management.	3	0	3
86. a,b.	Power Plants. Prerequisite, Course 81.	2	0	2
87. a.	Machine Design. Prerequisites, Courses 23 and 24.	1	3	2

87. b.	<b>Machine Design.</b>	0	3	1
88.	<b>Dynamics of Machines.</b> Prerequisites, Courses 23, 24, and 87.	3	0	3
91.	<b>Heating and Air Conditioning.</b> Prerequisite, Course 33.	4	0	4
92.	<b>Aerodynamics.</b> Prerequisites, Courses 33, 51, and 59.	4	0	4
93.	<b>Internal Combustion Engines.</b> Prerequisite, Course 33.	4	0	4
94.	<b>Hydraulic Machinery.</b> Prerequisites, Courses 51 and 59.	3	0	3
96.	<b>Safety Engineering.</b>	2	0	2
101.	<b>Metallography.</b>	1	4	3

### ENGINEERING DRAFTING

PROFESSOR KENT; ASSISTANT PROFESSOR McNEARY\*; MR. BANKS

		HOURS PER WEEK		
		REC.	LAB.	CREDIT
1. a,b.	<b>Fundamentals of Drafting.</b>	0	4	2
1. c.	<b>Elements of Machine Drafting.</b>	0	4	2
2. b,c.	<b>Drafting.</b> (Forestry Students). Prerequisite, Course 1a.	0	4	2
3. a,b.	<b>Descriptive Geometry.</b>	0	4	1½
4. a.	<b>Advanced Machine Drafting.</b> Prerequisite, Course 1c.	0	6	2
9. a,b,c.	<b>Agricultural Drafting.</b>	0	4	2
54. a.	<b>Shades and Shadows.</b>	0	2	1
54. b.	<b>Perspective.</b>	0	2	1

\* On leave of absence.

### LECTURE COURSES

DEAN CLOKE

**Gc 5 a,b. Orientation.**—A course of lectures, given at ten o'clock Monday morning, for Technology freshmen to acquaint them better with various fields of study and occupational opportunities. Given in the first term by Technology and other University staff members; in the second, by engineers and business and professional men. Open to the public. One-half credit hour.

# Maine Technology Experiment Station

**General Statement.**—The Station, established in June, 1915, is under the direct control of the Dean of the College of Technology and the heads of the departments. The Station offices are located in Wingate Hall. For personnel see page 26.

**Income.**—The income of the Station is derived from University appropriations and from the State Highway Commission.

**Object.**—The objects of the Station are to carry on practical research in engineering subjects, make investigations for State boards and municipal authorities, furnish scientific information to the industries of the State, and distribute accurate scientific knowledge to the people of the State.

**Equipment.**—The Station is equipped with laboratories and apparatus for the conduct of research in the following fields: Chemistry, Chemical Engineering (including pulp and paper); Civil Engineering (including geology and soil mechanics); Electrical Engineering; Engineering Physics; Mechanical Engineering.

**Investigations.**—The principal line of research has been in the field of statistical analysis of data on concrete and highway materials.

**Publications.**—The Station issues two series of publications: *Bulletins* and *Papers*. Thirty-nine *Bulletins* and forty-nine *Papers* have been published. In general, the *Papers* have been issued as reprints from technical journals and magazines.

# General Courses

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Sponsored by no single College or School.

## TUTORIAL HONORS

The purpose of the Tutorial Honors course is to afford the superior student an opportunity to pursue, under exceptionally favorable conditions, some subject which is deemed important in the equipment of the symmetrically educated person, but for which he has not yet found a place in his course of study. It is not intended to provide instruction in a student's major subject, but to enable him to gratify his intellectual curiosity in some new field. As a rule, only juniors or seniors who have attained the standard of the Dean's List may be admitted, although inclusion in that list is not strictly prerequisite, nor will it serve automatically to admit the student to the course. The course is designed solely for the benefit of the student of ability, ideas, and self-reliance who can profit by the free manner of tutorial instruction and close contact with an adviser specially qualified to direct his study. (This course is to be distinguished from the Junior Honors course of the College of Arts and Sciences.)

**Cc 49. 50. Tutorial Honors.**—The work is conducted by personal conferences and directed reading. The tutor is selected with the approval of the Committee on Honors Work. *Two credit hours.*

## THREE-YEAR NURSING COURSES

Three-year nursing students of the Eastern Maine General Hospital, Bangor, receive a part of their instruction at the University. The subjects taught through this arrangement are, Anatomy and Physiology, Bacteriology, Chemistry, Nutrition and Foods, Psychology and Sociology.

## MILITARY SCIENCE AND TACTICS

LT. COLONEL ALEXANDER, LIEUTENANT TRACY, LIEUTENANT SHORB,  
TECHNICAL SERGEANT RINKAUS, STAFF SERGEANT CAMPANA

Military instruction for freshman and sophomore men is required by law. At the present time the military training parallels the basic instruction for active service in the Army. It is not based on the characteristics of a single branch of the Army and so includes subjects common to many branches.

Uniforms, arms, and military equipment are furnished by the Government. Certain parts of the uniform, however, such as shoes, underclothing, and gloves must be furnished by the student. The uniforms are of olive-drab and cadets are required to wear them when on military duty.

The following schedule of courses is required of all physically fit male freshmen and sophomores, citizens of the United States, except students in the Two-Year Course in Agriculture.

The Advanced Course, offered until March 1, 1943, has been suspended for the duration of the war.

**Basic Course, Branch Immaterial**

**Freshman Year, Course A, B, C.** *Three hours a week, one and one-half credit hours a term.*

*First Term (A).*—Military courtesy and discipline (articles of war); organization of the army; first aid; field sanitation; interior guard duty; leadership, including close order drill and ceremonies.

*Second Term (B).*—Equipment and clothing; personal and sex hygiene; safeguarding military information and military censorship; rifle marksmanship; leadership, including close order drill and ceremonies.

*Third Term (C).*—Map and photograph reading; extended order drill; leadership, including close order drill and ceremonies.

**Sophomore Year, Course D, E, F.** *Three hours a week, two credit hours a term.*

*First Term (D).*—Rifle, cal. 30, M 1 and M 1903, mechanical training; organization of arms and services; application of military law; leadership, including close order drill and ceremonies.

*Second Term (E).*—Characteristics of infantry weapons, concealment and camouflage; protection against carelessness; rifle marksmanship; tent pitching; leadership, including close order drill and ceremonies.

*Third Term (F).*—Cover and movement; scouts, observers and messengers; patrol operations; marches and bivouacs; leadership, including close order drill and ceremonies.

**Band**

**Course 11, 12.** *Three hours a week, one credit hour a term.*

The band consists of two classes of students: (1) those who register for band and receive one hour of academic credit; (2) those who do not register but who usually play with the band on public appearances. Students registered for Band will practice two hours per week and play with the band on public appearances.

**PHYSICAL EDUCATION AND ATHLETICS****Men's Division**

PROFESSORS WALLACE, CURTIS, AND JENKINS; ASSISTANT PROFESSOR ALLEN\*;  
MR. KENYON, MR. WOODBURY\*, MR. SEZAK†

The management of athletics is in the hands of a faculty manager, who carries out the athletic policies of the University.

Teams are maintained in several varsity sports. Freshmen are eligible to compete on varsity teams.

The schedules of all sports are arranged with the interests of both the University and the individual members of teams in mind.

Student managers are appointed in each sport and their work is carried on under the direction of the Faculty Manager.

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\* On leave of absence for military service.

† On leave of absence.



**Physical Education for Men (Courses 1 to 12):** Required of all physically fit men during their entire college course. Three hours per week are required except for men registered in Military Drill, when two hours are required. Students are to register for the next higher number during each succeeding term, regardless of the time of year. The course is based on the Army Physical Fitness Manual, the purpose of which is to turn out men in the best possible physical condition.

The Teachers' Certificate Course in Physical Education for Men has been discontinued for the duration, but will undoubtedly be resumed as a major course at some time in the future.

### Women's Division

ASSOCIATE PROFESSOR LENGYEL; ASSISTANT PROFESSOR ROGERS; MISS CASSIDY

It is the purpose of this department to develop good physical condition in the women students by providing opportunity for the formation of wholesome habits and for relaxation and recreation.

A medical examination by the University physician and a physical examination by the Director of Physical Education are given each entering student during the first week of school, and thereafter as often as seems advisable. These are intended to assist in the placement of the student with reference to her college program in the light of her physical ability and limitations; to inform the student as to her exact physical condition, so that she can intelligently conduct her mental and physical activity; and to discover as soon as possible any organic and physical defects in order to hasten their treatment.

To stimulate a wholesome competitive interest on the part of the student, the Women's Athletic Association conducts a series of interclass activities in hockey, basketball, archery, tennis, and other sports.

Regulation gymnasium uniforms (see page 46) are required for this work.

**1. a,b,c. Elementary Physical Education.**—Required of all freshmen. *Two hours a week. No credit.*

**3. a,b,c. Physical Education.**—Required of all sophomores. *Two hours a week. No credit.*

All students are required to take one quarter each of Gymnastics, Modern Dance, Team Sports, and Individual Sports. In season, Individual Sports includes archery, tennis, badminton, and winter sports. Team Sports includes basketball, hockey, volley ball, and softball.

**Individual Gymnastics.**—Required of all freshmen and sophomores referred to the Department by the medical examiner or by their family physician for special work. Prescribed exercises for body building, posture, foot work, etc. Students who are required to take this work substitute it for Courses 1 and 3. *Two hours a week. No credit.*

**19. a. Healthful Living.**—Required of all freshman girls in the College of Arts and Sciences. Classroom, *two hours a week. Two credit hours.*

**19. b. Healthful Living.**—Required of all freshman girls in the College of Arts and Sciences. Classroom, *one hour a week. One credit hour.*

### Teachers' Certificate Courses in Physical Education for Women

The following courses are for students who wish to obtain a Secondary State Teachers' Certificate in Physical Education from the State Department of Education.

Prerequisites: Physical Education 1, 2, 3, 4 without credit; General Zoology, *four credit hours*; Elementary Physiology and Hygiene, *two credit hours*; Human Physiology, *five credit hours*.

**7. a.b. The Principles of Physical Education and Hygiene.**—Open to juniors who are preparing to teach. *Three hours a week and field work. Three credit hours.*

**8. a.b. Physical Examination and Measurements.**—Open to juniors who have taken Zoology 1 and 12a and Pe 19. *Three hours a week and field work. Three credit hours.*

**9. a.b. Methods for Teaching Physical Education.**—Open to seniors who have passed Courses 7 and 8. *Three hours a week and field work. Three credit hours.*

**18. Theory of Girls' Athletics.**—*Three hours a week and field work. Three credit hours.*

**20. a.b. Teaching of Recreational Activities.**—Given alternate years in the spring term. *Three hours a week. Three credit hours.*

**24. First Aid.**—Given alternate years in the spring term. *Two hours a week. Two credit hours.*

It is recommended that students enrolling in the above courses should have at least six hours of each of the following subjects: Education, Psychology, Sociology, and Public Speaking.

# Graduate Study

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## GENERAL INFORMATION

**Administration.**—Graduate work is administered by the Faculty and Dean of Graduate Study. The details of administration are in the hands of an executive committee consisting of the Dean, two members from the Agricultural Experiment Station, two from each of the three colleges—Agriculture, Arts and Sciences, and Technology—and two from the School of Education.

**Admission.**—Students who hold a bachelor's degree from the University of Maine, or from an institution granting a fully equivalent degree, and who desire to pursue advanced studies, are admitted as graduate students and are under the direction of the Faculty of Graduate Study, whether they are candidates for a degree or not.

**Registration.**—At the beginning of each quarter all graduate students, whether candidates for a degree or not, are required to register with the head of the department in which they propose to do their major work, obtain the approval of the Dean, and complete their registration by filing their program of study at the Registrar's office. A fee of two dollars is charged for registration after two weeks have elapsed.

**Tuition and Fees.**—The tuition charges for graduate students are the same as for undergraduates.

Candidates for professional degrees are required to pay a fee of \$5.00 at the time of registration, and a fee of \$10.00 upon the presentation of the thesis.

**Degrees.**—The degrees of Master of Arts, Master of Science, and Master of Education are granted to candidates who hold suitable bachelor's degrees and fulfill the requirement of residence and scholarship.

A candidate for an advanced degree must give evidence by his previous record that he is qualified to do graduate work of a satisfactory grade. If he is a graduate of another institution he is required to submit, with his plan of study, credentials covering the courses pursued and the standing attained. If he is a graduate of the University of Maine he must present his record from the Registrar's office.

**University of Maine Studies.**—The *University of Maine Studies*, Second Series, issued under the direction of the Faculty of Graduate Study, are described under the heading of University Publications. Copies and lists of subjects may be obtained through the University Library.

## FELLOWSHIPS AND SCHOLARSHIPS

Applications for graduate fellowships and scholarships should be made to the Dean of Graduate Study by April 1.

**Trustee Fellowships.**—The Trustees of the University established in 1931 three graduate fellowships of the value of \$500 each, to be assigned annually on a competitive basis by a committee of the Faculty of Graduate Study. (During the war emergency no appointments will be made for these fellowships.)

**Trustee Graduate Scholarships.**—Eight scholarships, of the value of a year's tuition, have been established by the Board of Trustees. Two are assigned to each teaching division of the University, or at large in any year when there are no suit-

able candidates for study in a particular college. Holders of these scholarships may be called upon to render a reasonable amount of assistance in their major department. (During the war emergency the number of scholarships available will be limited to four.)

**Maritime Provinces Graduate Scholarships.**—By action of the Trustees of the University, a graduate scholarship is available annually in each of the four academic divisions of the University, on a competitive basis, for graduates of the colleges and universities in the Provinces of New Brunswick, Nova Scotia, and Prince Edward's Island. These scholarships have a value of \$250, equivalent to a full year's tuition for a student residing without the State.

## REQUIREMENTS FOR THE MASTER'S DEGREE

**General Requirements.**—A candidate for the master's degree is required to devote at least one year (three quarters) to resident graduate study and to complete work amounting to fifteen hours per week throughout this period. In the case of summer session students, four sessions, or the equivalent, are normally accepted as fulfilling residence requirements, except that for candidates for the degree of Master of Education the requirement is five summers.

The amount of credit which may be transferred from another university is limited to six semester hours; the amount of work which may be done toward a degree in Extension classes, whether held on or off the campus, is ordinarily limited to six semester hours. No credit is granted for Extension courses, if the student has already been allowed to count for credit six hours of work done elsewhere. No credit is allowed for work done by correspondence. All requirements for the degree must be completed within an eight-year period.

Some departments have a foreign language requirement.

**Program of Studies.**—As soon after registration as practicable, the student, in conference with his major instructor, will plan his entire course of study for the master's degree, but may postpone until later the selection of a thesis subject.

The curriculum shall include work in a major department or subject in which the candidate has already completed the equivalent of at least two years of undergraduate study. The work may all be done in one department, or it may include not more than two minor subjects which bear a distinct relation to the general plan or purpose of the major subject. All of the work must be of advanced character and must be tested by examinations which the candidates shall pass with distinction.

Courses of study intended primarily for graduate work are numbered above 100 in the catalog, but courses numbered 51 to 100 inclusive may be counted upon approval. Courses numbered 50 or under may not be accepted for graduate credit.

A thesis is required of all candidates for the degrees of Master of Arts and Master of Science; a paper, for which two semester hours of credit are allowed, is a requirement for the degree of Master of Education.

**Theses.**—For students carrying full registration during the regular sessions, the thesis subject shall be submitted and approved by the end of the first term. *The student is not formally admitted as a candidate for the master's degree until the thesis subject has been approved.* As the thesis forms a part of the thirty hours required for the above degrees, the student must register for it once, the same as for any course.

Detailed requirements for the form and arrangement of theses are found in a pamphlet with the title "Information Concerning the Preparation of Graduate Theses," which may be obtained at the office of the Dean of Graduate Study.

**Degree of Master of Education.**—The degree of Master of Education is intended for persons with teaching or administrative experience who desire to improve their professional efficiency but who have no intention of doing extended research or of pursuing graduate work beyond the master's degree. Students are not eligible to receive this degree until they have had at least three years of teaching or administrative experience.

The program for this degree, totalling thirty hours of credit, shall contain at least two graduate seminar courses amounting to four credits to be taken during the last three summers of work, and a paper for which two credits are given.

**Examinations and Awarding of Degrees.**—Near the end of the course of study for the master's degree, and after the thesis has been approved, if this is a requirement for his degree, the candidate will be required to pass an oral examination covering the work done, including the thesis or paper. On request of the major instructor, the time for such examination will be arranged by the Dean of Graduate Study to accord so far as possible with the convenience of all concerned.

Graduates are required to receive their degree in person at Commencement unless especially excused by the President. Students completing their requirements in the summer, however, may have their degrees awarded in the early fall.

## PROFESSIONAL DEGREES

The professional degrees of Chemical Engineer (Ch.E.), Civil Engineer (C.E.), Electrical Engineer (E.E.), and Mechanical Engineer (M.E.) may be conferred upon graduates in the curricula of Chemistry, Chemical Engineering, or Pulp and Paper Technology, Civil Engineering, Electrical Engineering, and Mechanical Engineering, respectively, upon the completion of the requirements stated below. Graduates receiving the degree of Bachelor of Science in General Engineering are eligible to receive, upon the completion of the requirements listed below, the professional degree of Chemical Engineer, Civil Engineer, Electrical Engineer, or Mechanical Engineer, depending upon the field of work of the candidate and the judgment of the dean and the heads of departments in the College of Technology. The degree of Forest Engineer (F.E.) has likewise been authorized to recognize professional advancement in Forestry.

The presentation of a satisfactory thesis, which shall constitute an original contribution to the advance of engineering, is required of all candidates. The candidate must hold a position of responsibility and must have accomplished professional work of eminence for a period of at least five years subsequent to graduation. A full and complete statement covering the professional experience of the candidate must be presented at the time of registration. Candidates are expected to be present in person to receive their degrees.

## Summer Session

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The Summer Session normally begins the first week in July and continues for six weeks. An additional three weeks beginning in August is now available as a Post-Session. The faculty is made up of members of the University staff and visiting professors from other institutions. Instruction is given in Education, Psychology, and most of the subjects taught in secondary schools. The program in Education is particularly extensive.

As an integral part of the University organization, the Summer Session insists upon similar standards of academic achievement. In general, the same requirements for admission and the same regulations apply as during the regular academic year.

The Session is primarily for the benefit of teachers and superintendents of Maine and other states who desire to take professional courses in the field of Education or to pursue other subjects which may be helpful to them in connection with their work. Hence special attention is given to teachers' courses in the various subjects offered. The Session also affords opportunities for students in the University of Maine or other similar institutions to secure credits toward a degree. Normal-school graduates who are admitted to advanced standing as candidates for a bachelor's degree in the School of Education may do a considerable part of their work in the Summer Session.

Properly qualified college graduates may enroll in most departments as candidates for a master's degree, as described in the section on Graduate Study.

Classes meet five times a week, Monday to Friday inclusive. Except in special cases, the maximum registration is for three courses, the successful completion of which entitles the student to six semester hours of credit.

A registration fee of \$5.00 is paid by all students. Tuition is charged at the rate of \$15.00 for one two-credit course and \$5.00 for each additional hour of work taken. This means a total of \$40.00 for the normal maximum registration of six credits. Students in the Post-Session pay \$25.00 for a normal program of work.

The opening and closing dates for the Main Session in 1945 are July 2 and August 10. The Post-Session, featuring a Workshop for Elementary Teachers, is scheduled for August 13-31. The Summer Session Bulletin, giving a list of the courses offered and detailed information, is published annually about March 25. For copies and other information address Dr. Roy M. Peterson, Director, Orono, Maine.

## Extension Courses

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The University offers a limited amount of work each year through extension courses given by various departments. These courses are handled by the office of the School of Education. Courses are offered by departments in all the colleges of the University according to the demand for such work. The list is revised and distributed in mimeographed form each year in September.

Three general types of courses are offered as follows: (1) Correspondence courses, which are handled entirely by mail on an individual basis; (2) extension classes, which may be organized in any community where sufficient demand exists, provided an instructor is available for the course desired; (3) Saturday class extension courses which are offered on the campus on Saturday mornings.

College credit toward a degree may be earned by all types of extension courses, subject to the regulations of the department and college in which the student is registered, the approval of which should always be secured in advance if such credit is desired.

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	Term expires
Ayer, Hazen H. '24, 50 Congress St., Boston, Mass.	1945
Collins, Samuel W. '19, Caribou	1945
Freese, F. Drummond '15, 144 Broadway, Bangor	1945
Kelley, Miss M. June '12, 27 Florence Ave., Norwood, Mass.	1945
Sealey, John Jr. '36, Southborough, Mass.	1945
Shaw, Harold J. '14, Sanford	1945
Bearce, George D. '11, Bucksport	1946
Chandler, Clifton E. '13, 113 Highland St., Portland	1946
Fraser, Miss Jessie '31, R.F.D. #7, Bangor	1946
Knight, Fred D. '09, 266 Pearl St., Hartford, Conn.	1946
Littlefield, Alton T. '21, 313 State St., Augusta	1946
Peabody, Miss Gertrude '20, 1510 N. Broad St., Philadelphia, Pa.	1946
Weeks, Thomas N. '16, 110 Main St., Waterville	1946
Fogler, Raymond H. '15, 1441 Broadway, New York City	1947
Frye, Miss Dorothy '35, 76 Portland St., Portland	1947
Lingley, Alfred B. '20, 44 Warren St., Providence, R. I.	1947
Mangan, Thomas G. '16, 22 Church St., Livermore Falls	1947
Martin, Miss Marion '34, 1337 Conn. Ave., N.W., Washington, D. C.	1947
Peabody, Myron C. '16, 42 Dartmouth St., Springfield, Mass.	1947
Sims, James M. '32, 1441 Broadway, New York City	1947

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- 1900—President, Guy A. Hersey, 4 South St., Bangor  
Secretary, Edwin J. Mann, West Paris
- 1901—President, H. H. Leonard, 167 Elmwood Ave., East Aurora, N. Y.  
Secretary, F. L. Martin, 44 Wentworth St., Bridgeport, Conn.
- 1902—Secretary, Henry W. Chadbourne, 29 Bruce St., Scotia, New York
- 1903—President, J. H. McCready, 87 Hillside Rd., Newton Highlands, Mass.  
Secretary, Edward G. Hartford, 22 Trapelo St., Brighton, Mass.
- 1904—President, Albert L. Whipple, Great Works  
Secretary, Leslie E. Little, 73 Court St., Augusta
- 1905—President, Horace A. Hilton, 385 Union St., Bangor
- 1906—President, A. Guy Bennett, 293 Quebec Ave., Toronto, Canada  
Secretary, Henry W. Bearce, 6308 Ridgewood Ave., Chevy Chase, Md.
- 1908—President, Raymond Fellows, 395 Union St., Bangor  
Secretary, James A. Gannett, U. of M., Orono
- 1909—President, Fred D. Knight, 266 Pearl St., Hartford, Conn.  
Secretary, Harold A. Rich, 78 Adella Ave., West Newton, Mass.
- 1910—President, Ernest Lamb, 35 Congress St., Boston, Mass.  
Secretary, Grover T. Corning, 30 Federal St., Boston, Mass.
- 1911—President, Clifford Patch, P. O. Box 276, Bangor  
Secretary, Avery C. Hammond, 61 Main St., Bangor
- 1912—President, Karl D. Woodward, 259 Broadway, Lachine, Quebec  
Secretary, William E. Schrupf, U. of M., Orono
- 1913—Secretary, James E. Church, 192 Northern Ave., Gardiner
- 1914—President, Howe W. Hall, U. of M., Orono  
Secretary, Richard F. Crocker, Fort Kent
- 1915—President, R. H. Fogler, 1441 Broadway, N. Y. C.  
Secretary, Robert F. Thurrell, East Wolfeboro, N. H.
- 1916—President, Lewis O. Barrows, 54 Valentine Park, West Newton, Mass.  
Secretary, Walter W. Webber, Bucksport
- 1917—President, Joseph A. McCusker, 80 Dunster Rd., Jamaica Plain, Mass.  
Secretary, Frank O. Stephens, 37 Knight St., Auburn
- 1918—President, Albert W. Wunderly, 15 State St., Boston, Mass.  
Secretary, Walter J. Creamer, U. of M., Orono
- 1919—President, Dwight B. Demeritt, U. of M., Orono  
Secretary, Harold M. Pierce, P. O. Box 58, Bangor
- 1920—President, Verne Beverly, Presque Isle  
Secretary, Mrs. Barbara D. Hitchner, 51 Bennoch Road, Orono
- 1921—President, Francis L. Foley, 142 East St., Methuen, Mass.  
Secretary, Margaret Blethen, 14 Beacon St., Boston, Mass.
- 1922—President, Ulmer W. Davis, 828 Grove St. No., St. Petersburg 4, Fla.  
Secretary, Donald W. Reed, Pittsfield

- 1923—President, Theodore S. Curtis, U. of M., Orono  
Secretary, Mrs. Iva M. Knight, RFD 1, Kennebunk
- 1924—President, Hazen H. Ayer, 50 Congress St., Boston, Mass.  
Secretary, Theron Sparrow, U. of M., Orono
- 1925—President, Frank Hussey, Presque Isle  
Secretary, Mrs. Louise Q. Lord, 38 Forest Ave., Orono
- 1926—President, Oren F. Fraser, Turner Center  
Secretary, Cora Emery, 15 Skahan Rd., Belmont, Mass.
- 1927—President, Paul Lamoreau, Presque Isle  
Secretary, Mrs. Edith B. Thaxter, 106 Fountain St., Bangor
- 1928—President, David W. Fuller, 414 Eastern Trust Bldg., Bangor  
Secretary, Mrs. Thelma P. Dudley, 34 Cottage Farms Rd., Cape Elizabeth
- 1929—President, Robert D. Parks, 443 Nayatt Rd., Barrington, R. I.  
Secretary, Mrs. Caroline C. Lowell, Unity
- 1930—President, William H. Daley, 415 Congress St., Portland  
Secretary, Kenneth Haskell, 22 Brewer St., Portland
- 1931—President, Clifton E. Curtis, 235 Porter St., Melrose, Mass.  
Secretary, Doris Gross, 30 Severence St., Shelburne Falls, Mass.
- 1932—President, Winthrop C. Libby, U. of M., Orono  
Secretary, Mary G. Bean, 2 Madison St., Bangor
- 1933—President, Lt. (j.g.) Russell Shaw, 76 William St., Portland  
Secretary, Mrs. Dorothy F. Carnochan, 39 Falmouth St., Portland
- 1934—President, Philip S. Parsons, Belfast  
Secretary Mrs. Madelene B. Russ, 37 George St., Springfield, Mass.
- 1935—President, George L. Cobb, 21 Mansfield Terrace, Middletown, Conn.  
Secretary, Mrs. Thomas McGuire, 59 Western Ave., Biddeford
- 1936—President, Lt. (j.g.) John Sealey, Jr., Skowhegan  
Secretary, Mrs. Phyllis H. Webster, 338 Pine St., Lewiston
- 1937—President, Lt. Lucian Scammon, 254 Pleasant Ave., Portland  
Secretary, Mrs. Marjorie M. DeWick, P.O. Box 5, Topsham
- 1938—President, Lt. (j.g.) John R. Gowell, 73 Bridge St., Chelmsford, Mass.  
Secretary, Mrs. Wallace Gleason, Jr., 61 Bennoch St., Orono
- 1939—President, Dana Drew, Skowhegan  
Secretary, Mrs. Ethelyn P. Huff, 54 Lassell St., Greenwood, Mass.
- 1940—President, Capt. Harold A. Gerrish, Lisbon Falls  
Secretary, Mrs. Alice Ann Poeppelmeier, 289 Checomansett Village,  
Willimansett, Mass.
- 1941—President, Lt. Roger A. Stearns, South Paris  
Secretary, Barbara B. Ashworth, 628 Linden Ave., Haywood, Calif.
- 1942—Secretary, Cpl. Barbara Savage, 97 Broadway, Bangor
- 1943—President, Lt. Talbot Crane, 32 Forest Ave., Orono  
Secretary, Mrs. Joanne S. Graves, 65 Western Ave., Augusta
- 1944—President, Edward Phillips, 7 Sewall Woods Road, Melrose, Mass.  
Secretary, Esther Randall, 123 Longwood Ave., Brookline, Mass.

**HONORS AND PRIZES AWARDED**

Members of Honor Societies arranged in order of their establishment at the University of Maine.

**Members of Phi Kappa Phi****1944**

Rena Miriam Ashman, Augusta; Mary Niles Billings, Stonington; Mary Elizabeth Brackett, Portland; Samuel Wilson Collins, Jr., Caribou; Virginia Stockman McIntire, Portland; Hughene Ruth Phillips, East Holden; Dolly Lamoreau Reed, Easton; Julia Hedwige Robbins, Dover-Foxcroft; Dorothea Isabelle Wilbur, Saco.

**Commencement, December 1943**

Giulio John Barbero, Bangor; William Prentice Bronsdon, Newton, Mass.; Helen Irene Brown, Augusta; Elizabeth May Clough, Auburn; Weston Sumner Evans, Jr., Orono; Clara Jane Harley, Augusta; Joyce Rutherford Iveney, Eastport; Vinetta Estelle MacDonald, Brewer; Carrie Henrietta Rowe, Bangor; John Edward Suminsby, Northeast Harbor; Harry Sanborn Thomas, Jr., Wilton.

**Members of Tau Beta Pi****Commencement, December 1943**

Marshall Benjamin Dagan, York Village; Weston Sumner Evans, Jr., Orono; William Blanchard Ford, Jr., Norwell, Mass.; Richard Burgess Innes, South Portland; Carroll Lyndall Knapp, Kingfield; William Henry Morong, Jr., Madison; Harlan Lucian Pease, Bar Mills; Earland Kingsley Sleight, Lubec; John Edward Suminsby, Northeast Harbor; Harry Sanborn Thomas, Jr., Wilton.

**Commencement, June 30, 1944**

William Joseph Bickford, Norway; Philip Cope, Portland; Richard Carter Lord, Old Town; George Henry Millay, Richmond; Vennard William Thompson, Cherryfield.

**Commencement, September 1944**

Henry Bogardus Cole, Wilton; Russell Philip Lyon, Augusta.

**1945**

Monson Henry Hayes, Portland; Robert Joseph Lurvey, Schenectady, N. Y.; Robert Haley Parmenter, Portland.

**Members of Phi Beta Kappa****1944**

Rena Miriam Ashman, Augusta; Mary Elizabeth Brackett, Portland; Samuel Wilson Collins, Jr., Caribou; Gwendolyn Echo Cushing, Long Island; Hughene Ruth Phillips, East Holden.

**Commencement, December 1943**

Giulio John Barbero, Bangor; Clara Jane Harley, Augusta; Vinetta Estelle MacDonald, Brewer; Eva Leona Woodbrey, Sebago Lake.

**1945**

Pauline Mary Stuart, Old Town; Grace Elizabeth Wentworth, Orono.

**Members of Omicron Nu**

**1944**

Mary Niles Billings, Stonington; Esther Randall, Lewiston; Dolly Lamoreau Reed, Easton; Julia Hedwige Robbins, Dover-Foxcroft.

**Commencement, December 1943**

Martha Frances Allen, Auburn; Joyce Rutherford Iveney, Eastport.

**1945**

Barbara Louise Atherton, Orono; Eleanor Flint Currier, Flagstaff; Barbara Ann Higgins, Longmeadow, Mass.; Barbara Phyllis Rozelle, Bradford.

**Members of Kappa Delta Pi**

**1944**

Pauline Francesca Pendleton, Islesboro; Arlene Rose Royal, Houlton; Dorothea Isabelle Wilbur, Saco.

**Commencement, December 1943**

Helen Irene Brown, Augusta; Elizabeth May Clough, Auburn; Carolyn Dunham Smith, Bryant Pond; Sibyl Ethel Stevens, Auburn.

**1945**

Therna Lucille Myers, West Sumner; Mary Louise Reid, Bangor.

**SCHOLARSHIPS AND PRIZES**

**1944-45**

The Merritt Caldwell Fernald Scholarship—Therna Lucille Myers, West Sumner.

The James Stacy Stevens Scholarship—Grace Elizabeth Wentworth, Orono.

The Harold Sherburne Boardman Scholarship—Monson Henry Hayes, Jr., Portland.

The Leon Stephen Merrill Scholarship—Barbara Ann Higgins, Longmeadow, Massachusetts.

The Charles Davidson Scholarship—No award.

The Maine Normal School Scholarship—Charles Julian Bagley, Jr., Centerville.

The Secondary School Contest Scholarships—Martha Gertrude Bond, Jefferson;

- Verne Allison Byers, Houlton; Leroy Wendell Chase, Bangor; Barbara Lee Day, Farmington; Vance Edward Dearborn, Farmington; Alice Esther Fonseca, Portland; Terry Garcelon, Pittsfield; Jean Leslie Gowdey, Wiscasset; Grace Dudley Griffin, Bangor; Martha Evelyn Leeman, Woolwich; Paul Foster McGouldrick, Jr., Bangor; Justin Glenn McIntire, Brunswick; Patricia Palmer, Bangor; Pauline Barbara Parent, Waterville; Janet Elizabeth Spiller, Westbrook; Richard Stanton Sprague, Bangor; William Sleight Wilson, Eastport.
- The University Scholarships—Arlene Marjorie Cleven, Portland; Joan Elizabeth Greenwood, Farmington; Florence Louise Palmer, Sabattus; Muriel Elaine Polley, Portland; Pauline Mary Stuart, Old Town.
- Trustee Graduate Scholarships—No award.
- The Maria S. Appleton Fund Scholarship—Helen Katharine Stacy, Shirley.
- The Appreciation Scholarship Fund—No award.
- The Hosea B. Buck Memorial Scholarships—John Garland Dickerson, Jr., Biddeford; James Curtis McClellan, Jr., Wells.
- The Joseph Rider Farrington Scholarship—Ivan Bliss Bubar, Monticello.
- The Eugene Hale Scholarship Fund—No award.
- The James Norris Hart Scholarships—Therese Irene Dumais, Lewiston; Richard Eugene Gillespie, Gardiner.
- The Philip R. Hathorne Scholarship—Charles Sumner Cushing, Jr., Portland.
- The Hovey Memorial Scholarships—No award.
- The Carrol C. Jones Scholarship—Patricia Judith Berry, Presque Isle; Leland Gerald Jinks, Bangor.
- The Kidder Scholarship—Thelma Priscilla Bradford, Charleston.
- The Maine Farm Bureau Fund Scholarship—Thelma Louise Folsom, Cambridge.
- The Calvin H. Nealley Scholarships—Leroy Anthony Darling, Orono; Lyle Edwin Littlefield, Monroe.
- The William Emery Parker Scholarship—Nicholas Harry Johns, Portland.
- The Charles H. Payson Scholarships—Marjorie Alice Grant, Dennysville; Rosemond Hammond, Auburn; Barbara Ellen McNeil, Pittsfield; Ruth Myrtle Stearns, South Paris; Aileen Faith Stevens, Hinckley; Eleanor-Mae Thompson, Westbrook.
- The Stanley Plummer Scholarship—Hilda Carolyn Haskell, Dexter.
- The Anne E. Stodder Scholarship Fund—No award.
- The Bertha Joy Thompson Scholarships—Thelma Priscilla Bradford, Charleston; Edwin Charles Dartnell, Milo; Olive Muriel Upton, Pownal.
- The Charles F. Woodman Fund Scholarships—Barbara Goodiell Akeley, Presque Isle; Jean Alice Donahue, Vanceboro; Judith Hill Fielder, Orono; Marguerite Raymond Gogins, Westbrook; Marie Louise Haines, Waterville; Eloise Jeanette Law, Rockland; Luella May McClure, Dover-Foxcroft.
- The Elizabeth Abbott Balentine Scholarship—Janice Ruth Campbell, Bradford.
- The Stanley D. Gray Scholarship Fund—No award.
- The Great Atlantic and Pacific Tea Company Scholarships—Marilyn Avis Buckley, Howland; Hazel Calvert, Orono; Aletha Luetta Meade, Auburn; Gloria Patricia Redman, Bangor; Shirley Anne Titcomb, Houlton; Joan Wentworth, Kennebunk Beach; Elizabeth Anna Wilbur, Dexter.
- The Charles H. Hood Dairy Foundation Scholarship—Burleigh Stetson Crockett, West Sumner.
- The Sears-Roebuck Agricultural Foundation Scholarships—Robert Scott MacLauchlan, Dennysville; James Albra West, Wells.

- The WGAN Radio Station Scholarships—Ivan Bliss Bubar, Monticello; Constance Elaine Cooper, Buckfield; Esther Elizabeth Flagg, Thomaston; Lillian Louise Lewis, Springfield.
- The Women's Student Government Association Scholarships—Martha O'Brien, Brunswick; Ruth Margaret Hansen, Auburn; Shirlie Coombs Hathaway, Bangor.
- The Class of 1905 Scholarship—Walter Howard Hatch, Old Town.
- The Class of 1909 Scholarship—Harold Clement Parady, Great Works.
- The Class of 1911 Scholarship—No award.
- The Class of 1916 Scholarship—Priscilla Marcia Smith, Portland.
- The Lincoln County Alumni Association Scholarship—No award.
- The Ohio Alumni Association Scholarship—No award.
- The Penobscot County Alumni Association Scholarship—No award.
- The Philadelphia Alumni Association Scholarship—No award.
- The Portland Alumnae Association Scholarship—Lois Elizabeth Ricker, Portland.
- The Western Pennsylvania Alumni Association Scholarship—No award.
- The Worcester County, Massachusetts, Alumni Association Scholarship—No award.
- The Prize of the Class of 1873—No award.
- The Claude Dewing Graton Prize—No award.
- The Henry L. Griffin Prize in English Composition—No award.
- The Robert C. Hamlet Prize—No award.
- The Maine Hardwood Association Fund—No award.
- The John M. Oak Scholarship Awards—Doris Mae Bell, Hopedale, Massachusetts; Therese Irene Dumais, Lewiston; Robert William Krause, Staten Island, New York.
- The Alpha Omicron Pi Alumnae Prize—Patricia Judith Berry, Presque Isle.
- The Chi Omega Sociology Prize—Janice Ruth Campbell, Bradford.
- The Carl Whitcomb Meinecke Award—Therna Lucille Myers, West Sumner.
- The Pale Blue Key Award—No award.
- The Hardison Essay Prize—No award.
- The Sigma Mu Sigma Award—Mary-'Vesta Marston, Milltown.
- The Spanish Club Prize—No award.
- The Class of 1908 Commencement Cup—Class of 1889.
- The President's Cup—No award.
- The Twentieth Century Cup—No award.
- The Fraternity Scholarship Cup—No award.
- The Charles Rice Cup—No award.
- The Intramural Plaques—No award.
- The Washington Alumni Association Watch—No award.
- The Portland Alumnae Memorial Watch—Mary Niles Billings, Stonington.



*University of Maine***COMMENCEMENT****December 1943****Sunday, November 28**

10:30 A.M. Baccalaureate Service—Alumni Hall

**Friday, December 3**

8:00 P.M. Commencement Exercises—Alumni Hall

**COMMENCEMENT****June 1944****Saturday, June 3**

2:30 P.M. Class Day Exercises—The Oval

3:30-5:00 P.M. President and Mrs. Hauck "At Home"

6:00 P.M. Alumni Banquet—Memorial Gymnasium

9:30 P.M. Alumni-Senior Hop—Memorial Gymnasium

**Sunday, June 4**

10:30 A.M. Baccalaureate Service—Memorial Gymnasium

3:00 P.M. Commencement Exercises—Memorial Gymnasium

**COMMENCEMENT****June 1944****Friday, June 30**

8:00 P.M. Commencement Exercises—Estabrooke Hall

**DEGREES CONFERRED**

**December 3, 1943**

**COLLEGE OF AGRICULTURE**

**Bachelor of Science**

IN AGRICULTURAL ECONOMICS AND FARM MANAGEMENT

DWIGHT HOLDEN SAWIN, JR. .... Harrison

IN BACTERIOLOGY

JOYCE MARION COOK. .... Portland

IN DAIRY TECHNOLOGY

WILLIAM PRENTICE BRONSDON, *With High Distinction*. .... Newton, Mass.

IN HOME ECONOMICS

MARTHA FRANCES ALLEN, *With Distinction*. .... Auburn  
DEBORAH ISABELLE DRINKWATER. .... Brewer  
PRISCILLA RICE EATON. .... Melrose, Mass.  
ELIZABETH EMERY FILES. .... Bucksport  
CAROLYN LOUISE FOSTER. .... Coopers Mills  
FRANCES LOUISE HOUGHTON. .... Fort Fairfield  
HATTIE ELIZABETH INGRAHAM. .... Thorndike  
JOYCE RUTHERFORD IVENY, *With Highest Distinction*. .... Eastport  
MARIE KNIGHT JONES. .... Freedom  
JOAN WINIFRED MANWELL. .... Winthrop  
MARY LAYBURN MILLER. .... Fairfield, Conn.  
PHYLLIS SOULE PRATT. .... Charleston  
MIRIAM AMELIA SWEET. .... East Holden  
FLORENCE MARY TREWORGY. .... Blue Hill  
CHARLOTTE TERESA WILLETT. .... Orono  
MILDRED ETHELYN WOOSTER. .... Old Town

**Bachelor of Science**

(AS OF THE CLASS OF 1940)

IN FORESTRY

MAYNARD WHITNEY FILES. .... Bucksport

**COLLEGE OF ARTS AND SCIENCES**

**Bachelor of Arts**

IN BUSINESS ADMINISTRATION

EVA LEONA WOODBREY. .... Sebago Lake

IN CHEMISTRY

BARBARA DOORE. .... South Paris

## IN COMPARATIVE LITERATURE

MARCIA RUBINOFF.....Auburn

## IN ENGLISH

NATALIE LOUISE CURTIS.....Portland

MYRA JEAN KIMBALL.....Warren

MARION AMELIA KORDA.....Portland

## IN FRENCH

IRENE JAMES SHEPARD.....Woodland

## IN GOVERNMENT

STANLEY HILLEL RUDMAN.....Bangor

## IN HISTORY

FRANCES ELAINE DORR.....Johnson City, N. Y.

## IN HISTORY AND GOVERNMENT

AGNES REBECCA DOLE.....Bangor

GEORGE VANE HENRY.....Orono

VINETTA ESTELLE MACDONALD, *With Distinction*.....Brewer

JANICE HELEN WILKINS.....East Walpole, Mass.

## IN LIBERAL ARTS AND NURSING

HELEN AUDREY ALEXANDER.....Saco

## IN MATHEMATICS

ANNIE GLORIA DOWLING.....Jacksonville

CECELIA GENEVIEVE SULLIVAN.....South Brewer

## IN PSYCHOLOGY

JANE RAND.....Cumberland Center

ANNE BARBARA RING.....Lockes Mills

## IN SOCIOLOGY

ELLEN KATHERINE MACDONALD.....Vassalboro

HILDA RUTH YOUNG.....North Brooksville

## IN THEATRE

CLARA JANE HARLEY.....Augusta

CARRIE ADELAIDE RUSSELL.....Rangeley

## IN ZOOLOGY

GIULIO JOHN BARBERO, *With Highest Distinction*.....Bangor

SYLVIA JANET BELDEN.....Prentiss

ARTHUR ALFRED CHECCHI.....Calais

LOUISA MAY COX.....Orono

FLORICE WHITNEY DUNHAM.....	Portland
AUGUSTA FLORA FOSTER.....	Ellsworth
FRANK LANDGRANE GOLBRANSON.....	Houlton
RUTHANN HALL.....	Orono
SALLY BLAISDELL LOCKETT.....	Winterport
PHYLLIS MACNEIL.....	Swampscott, Mass.
FRANK JOHN MACRI.....	Portland
WILLIAM LAWRENCE REDMOND.....	Bangor
SALLY JEAN RYAN.....	Minneola, L. I., N. Y.

**SCHOOL OF EDUCATION**

**Bachelor of Science in Education**

DOROTHY BARON.....	Lewiston
ELIZABETH NEWELL BERGLUND.....	Belfast
MARGUERITE MARY BOYCE.....	Portland
HELEN IRENE BROWN, <i>With Distinction</i> .....	Augusta
LOUISE GREENLAW CAMBRIDGE.....	Presque Isle
ALVENA JUNE CHICK.....	Steep Falls
ELIZABETH MAY CLOUGH, <i>With High Distinction</i> .....	Auburn
MARGARET MARY GALLAGHER.....	Bangor
ELMER RICHARD KNOWLES.....	Wilton
HARRIETTE RYDER MCKEEN.....	Brownville Junction
VESTA ISABELLE MACLEAN.....	Raymond
MILDRED GEORGE MATTESON.....	Johnson City, N. Y.
HORACE JOHN MORSE.....	Hanover
CARRIE HENRIETTA ROWE.....	Bangor
CAROLYN DUNHAM SMITH.....	Bryant Pond
SIBYL ETHEL STEVENS.....	Auburn

**Bachelor of Science in Commercial Education**

LAWRENCE WEBBER DAVIES.....	Bangor
DOROTHY IDA GUSTIN.....	Malden, Mass.
ALFREDA WHEELER YORK.....	Plainfield, Vt.

**Bachelor of Science in Fine Arts Education**

JOHN ALAN RICHARDS.....	Falmouth Foreside
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**COLLEGE OF TECHNOLOGY**

**Bachelor of Science**

**IN CHEMICAL ENGINEERING**

ROBERT MELLEN BEVERAGE.....	Oakland
ELWOOD IRVIN CLAPP, JR.....	Newton Highlands, Mass.
SILAS HULSE, III.....	Tenafly, N. J.
EVERETT PALMER INGALLS, JR.....	Westbrook
JAMES FRANCIS MOULTON.....	Rangeley

DAVID BARNES PENNELL.....	Portland
EARLAND KINGSLEY SLEIGHT, <i>With Distinction</i> .....	Lubec

## IN CHEMICAL ENGINEERING—PULP AND PAPER DIVISION

HARLAN LUCIEN PEASE, <i>With Distinction</i> .....	Bar Mills
WALTER EUGENE SPEARIN, <i>With Distinction</i> .....	Benton Station

## IN CHEMISTRY

RAYMOND BROISMAN.....	Portland
HERBERT FREEDMAN.....	Portland
HARVEY DAVID HILLSON.....	Orono
CARROLL LYNDALL KNAPP, JR., <i>With High Distinction</i> .....	Orono

## IN CIVIL ENGINEERING

MARGARET LORET CHASE, <i>With High Distinction</i> .....	Auburn
WESTON SUMNER EVANS, JR., <i>With High Distinction</i> .....	Orono
RICHARD ARTHUR MORRILL.....	West Farmington

## IN ELECTRICAL ENGINEERING

WARREN GUY CLEMENT.....	Falmouth
WALDO McCLURE LIBBEY.....	Bangor
WILLIAM OSGOOD POOR.....	Belfast

## IN ENGINEERING PHYSICS

WINFIELD TENNENT ALLEN.....	Sanford
ALBERT DAWBER EHRENFRIED.....	Lewiston
RICHARD BURGESS INNES, <i>With Distinction</i> .....	South Portland
KENNETH CLARK JORDAN.....	Ellsworth
JOHN FREDERICK KANE.....	Brewer
JOHN EDWARD SUMINSBY, <i>With Highest Distinction</i> .....	Northeast Harbor
HARRY SANBORN THOMAS, JR., <i>With High Distinction</i> .....	Wilton

## IN GENERAL ENGINEERING

HERMAN WILFORD BONNEY.....	Portland
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## IN MECHANICAL ENGINEERING

HUGH MALCOLM BROWNLEE.....	Saco
CORNELIUS HUNTINGTON BUSHNELL, JR.....	Whitefield
LINWOOD SUMNER CHALMERS.....	Bangor
DOUGLAS REINHARD COWAN.....	Portland
MARSHALL BENJAMIN DAGAN, <i>With Distinction</i> .....	York Village
HOWARD EDWARD DIMITRE.....	Calais
WILLIAM BLANCHARD FORD, JR., <i>With Distinction</i> .....	Norwell, Mass.
CLARE KENDALL FULTON.....	Bath
JULIUS JAMES GOOS.....	Bangor
FRED HAROLD HALE.....	South Portland
ARNOLD RALEIGH KIMBALL.....	Briarcliff Manor, N. Y.
HAROLD LOWN.....	Lewiston
JAMES EUGENE MAHAR.....	Norwood, Mass.

WILLIAM HENRY MORONG, JR., <i>With Distinction</i> .....	Madison
RICHARD ROCKWOOD PALMER, JR.....	Lisbon Falls
EDWARD HOAG PHILLIPS.....	Portland
RICHARD NELSON PRATT.....	West Springfield, Mass.
THOMAS HILARY RAFFERTY.....	Great Works
LAYTON EUGENE SPAULDING.....	Waterville
THOMAS RUFUS TILLSON.....	Dexter

**ADVANCED DEGREES**

**Master of Arts**

IN EDUCATION

DOROTHY ELEANOR BABCOCK (B.S. in Ed., Maine, 1940).....	Bangor
Title of Thesis: A Survey of Guidance Practices and Instruments Among the Secondary Schools of Maine	

**Master of Education**

PHILIP ALFRED ANNAS (B.S., Bates, 1928).....	Belfast
Title of Paper: Improvement of Teachers in Service	

**DEPARTMENTAL HONORS**

**College of Technology**

IN CHEMICAL ENGINEERING

ELWOOD IRVIN CLAPP, JR.  
EARLAND KINGSLEY SLEIGHT

IN CHEMICAL ENGINEERING—PULP AND PAPER DIVISION

HARLAN LUCIEN PEASE  
WALTER EUGENE SPEARIN

IN CHEMISTRY

CARROLL LYNDALL KNAPP, JR.

IN CIVIL ENGINEERING

MARGARET LORET CHASE  
WESTON SUMNER EVANS, JR.

IN ENGINEERING PHYSICS

JOHN FREDERICK KANE  
JOHN EDWARD SUMINSBY  
HARRY SANBORN THOMAS, JR.

## IN MECHANICAL ENGINEERING

MARSHALL BENJAMIN DAGAN  
 WILLIAM BLANCHARD FORD, JR.  
 WILLIAM HENRY MORONG, JR.

June 4, 1944

## COLLEGE OF AGRICULTURE

## Bachelor of Science

## IN AGRICULTURAL ECONOMICS AND FARM MANAGEMENT

CORNELIUS WEBSTER FROST, JR.....Belfast

## IN AGRICULTURAL ENGINEERING

HOWARD DELANO BARTLETT.....Damariscotta Mills

## IN AGRONOMY

STANLEY CLAIR JUNKINS.....Ox Bow

## IN HOME ECONOMICS

RUTH EVELYN ALLEN.....Mechanic Falls  
 AVIS ELDORA ANDERSON.....Newport  
 PAULINE RUTH BERCE.....Washburn  
 MARY ELEANOR BICKFORD.....Bangor  
 MARY NILES BILLINGS, *With High Distinction*.....Stonington  
 OLIVE FRANCES BRADBURY.....Hollis Center  
 BERNA MAY BURNETT.....Brownville Junction  
 ELSIE PAULINE CLARK.....North New Portland  
 PATRICIA EVELYN COOPER.....Auburn  
 MILDRED DESMOND.....Patten  
 MARION MYRTLE DOW.....Limington  
 FRANCES AMALA GIRARD.....Portland  
 DORIS KILBURN.....Cape Elizabeth  
 JACQUELINE IDADA KIMBALL.....Freeport  
 ESTHER MARGUERITE PIKE.....Waterford  
 EVA FRANCES PRESSEY.....Bangor  
 ESTHER RANDALL, *With Distinction*.....Lewiston  
 JULIA HEDWIGE ROBBINS, *With High Distinction*.....Dover-Foxcroft  
 MYRLE ALBERTA SAWYER.....Saco  
 LOIS MARION WALKER.....Skowhegan

## COLLEGE OF ARTS AND SCIENCES

## Bachelor of Arts

## IN BUSINESS ADMINISTRATION

RUTH VIRGINIA DURAN.....Bangor

RICHARD HENRY FULLER.....Portland  
ELIZABETH CRANE TAYLOR.....Bangor

## IN ECONOMICS AND BUSINESS ADMINISTRATION

MADELEINE FROST PLUMER.....Portland

## IN ENGLISH

FLORENCE GERTRUDE BOYLE.....Bangor  
MARY ELIZABETH BRACKETT, *With Distinction*.....Portland  
HELEN LOUISE CLIFFORD.....South Paris  
MARY NATALIE COYNE.....Bangor  
MARY EMILY FIELDER.....Orono  
VIRGINIA ROLFE GOODRICH.....Norwich, Conn.  
BARBARA WING HOPKINS.....Bath  
ELEANOR BARBARA KREH.....Union, N. J.  
MARGARET ELIZABETH McCURDY.....Lubec  
HUGHENE RUTH PHILLIPS, *With High Honors*.....East Holden  
BARBARA BURDEN SCRIBNER.....Bangor

## IN FRENCH

GWENDOLYN ECHO CUSHING.....Long Island

## IN GOVERNMENT

SAMUEL WILSON COLLINS, JR., *With Distinction*.....Caribou

## IN HISTORY AND GOVERNMENT

ELBRIDGE BURTON DAVIS.....Calais  
FRANCES ARLENE HIGGINS.....Waterville  
RUTH ELEANOR TROLAND.....Malden, Mass.

## IN LIBERAL ARTS AND NURSING

ALICE ELEANOR HEALD.....Old Town  
NATALIE MARION STEVENS.....Bangor

## IN PHYSICS

THOMAS HENRY MORIARTY, JR.....Fitchburg, Mass.

## IN PSYCHOLOGY

RUTH MILDRED BLAISDELL.....Ellsworth  
MARGUERITE ANNE COFFIN.....Bangor  
ELIZABETH FRANCA EMERY.....Fairfield  
ESTHER CUSHING HOLDEN.....Portland  
EDITH KAGAN.....Bangor  
JULIE EDNA LEDIEN.....Blue Hill  
ELIZABETH ANN PIPER.....Damariscotta  
ARLETTA NELLIE THORPE.....Christmas Cove  
MARY ESTHER TREAT.....Winterport  
IDA MAY WATERMAN.....Old Town



## IN ROMANCE LANGUAGES

RENA MIRIAM ASHMAN, <i>With Distinction</i> .....	Augusta
HENRY HOLLAND.....	Calais

## IN SOCIOLOGY

EMMA RAE BROISMAN.....	Portland
DORIS ELEANOR GOOCH.....	Brunswick
NATALIE GOODSPEED.....	Augusta
ELIZABETH LORAIN PRICE.....	Portland
VIRGINIA FERN SMITH.....	Anson

## IN THEATRE

JEAN MCKINNEY.....	Kennebunkport
ELIZABETH WHIPPLE ROWE.....	Newport

## IN ZOOLOGY

HAROLD LEONARD BROWN.....	Robbinston
LOIS ALADA FARRELL.....	Gardiner
RODOLPHE ALEXIS GAULIN.....	Biddeford
ARABELLE BANTON HODGES.....	Summit, N. J.
PRISCILLA ANN HOPKINS.....	Waterville

## SCHOOL OF EDUCATION

## Bachelor of Science in Education

ANNETTA LILLIAN BISHOP.....	Caribou
MARJORIE LOUISE BUTLER.....	Union
M. ELIZABETH MCCARTHY.....	Bangor
ALICE LEE MCHUGH.....	Presque Isle
PAULINE FRANCESCA PENDLETON.....	Islesboro
ARLENE ROSE ROYAL, <i>With Distinction</i> .....	Houlton

## Bachelor of Science in Commercial Education

LAURENCE WILLIAM SOULE.....	Washington, D. C.
DOROTHEA ISABELLE WILBUR.....	Saco

## Bachelor of Science in Fine Arts Education

BARBARA MARIE WALLACE.....	South Portland
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## Bachelor of Science in Music Education

SYLVIA CELIA SMITH.....	Bangor
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## COLLEGE OF TECHNOLOGY

## Bachelor of Science

## IN CHEMICAL ENGINEERING

BURT EUGENE BATES.....	Hodgdon
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PAUL DUDLEY HARTHORN.....West Pembroke  
 EDWARD JOSEPH HOLLAND, JR.....Bangor  
 JOHN DONALD TSCHAMLER.....Augusta

IN CHEMICAL ENGINEERING—PULP AND PAPER DIVISION

DONALD WILLIAMS BAIL.....Newton Highlands, Mass.

IN CHEMISTRY

HUGH TERENCE HOLLAND.....Bangor  
 PAUL FREDERICK KRUSE, JR.....Bangor  
 CHARLES PIDACKS.....Rumford

IN CIVIL ENGINEERING

PETER SYLVESTER PIKELIS.....Millinocket

IN ELECTRICAL ENGINEERING

RICHARD IRVING DAVIS.....Auburn  
 GEORGE WILLIAM DEAN.....Derby

IN MECHANICAL ENGINEERING

HARRY DOUGLAS HODSON.....Camden

**ADVANCED DEGREES**

**Master of Arts**

IN EDUCATION

ARLENE EVANGELINE BABCOCK (B.S. in Ed., Maine, 1943).....Bangor  
 Title of Thesis: Art as an Instrument in the  
 Promotion of Mental Hygiene through the  
 Public Schools  
 HOPE ADELAIDE JACKMAN (B.A. in Ed., Maine, 1940).....Orono  
 Title of Thesis: A Study of Causes of  
 Failure in the Junior High School  
 LAURICE ERVIN LEWIS (B.S. in Ed., Maine, 1939).....Turner Center  
 Title of Thesis: Some Teaching Combinations  
 in Maine Secondary Schools

IN MATHEMATICS

LETITIA MARIE WATSON (B.S. in Ed., Salem State  
 Teachers, 1940).....Georgetown, Mass.  
 Title of Thesis: Kinds of Conics in Pencils of Conics

**Master of Science**

IN CHEMICAL ENGINEERING

SAMUEL WILSON SMITH (B.S., Monmouth, 1942).....Arlington, N. J.  
 Title of Thesis: An Investigation of the Effect  
 of Temperature on the Absorption of Sulfer Dioxide  
 in a Limestone Packed Tower

## IN WILDLIFE CONSERVATION

CHARLES PHILIP BROWN (B.S., New York State College of Forestry, 1935).....Chepachet, N. Y.  
 Title of Thesis: The Influence of Forest Types on the Food Habits of Ruffed Grouse in Maine

## GENERAL HONORS

HUGHENE RUTH PHILLIPS *High Honors*

## HONORARY DEGREES

WILLIAM HOPE MARTIN, Doctor of Science  
 WILMOT BROOKINGS MITCHELL, Doctor of Letters  
 Y. C. JAMES YEN, Doctor of Humane Letters

June 30, 1944

## COLLEGE OF TECHNOLOGY

## Bachelor of Science

## IN CHEMICAL ENGINEERING

JOHN GARLAND DICKERSON, JR.....Biddeford  
 GREYDON ALLEN KAY.....Bridgeport, Conn.  
 RICHARD CARTER LORD, *With High Distinction*.....Old Town  
 WILLIAM HENRY RIGBY.....Auburn  
 VENNARD WILLIAM THOMPSON.....Cherryfield

## IN CIVIL ENGINEERING

ROBERT GOODALE MARTIN.....China  
 HOLLIS CLINTON TEDFORD, JR.....Orono

## IN ENGINEERING PHYSICS

WILLIAM JOSEPH BICKFORD.....Norway  
 PHILIP COPE, *With High Distinction*.....Portland  
 MORTON CLARENCE PATTEN.....Hampden Highlands

## IN ELECTRICAL ENGINEERING

MALCOLM PARKER HERRICK.....Blue Hill  
 CLAYTON WILBER HOLDEN.....Jackman

## IN MECHANICAL ENGINEERING

NATHANIEL TRUE BARTHOLOMAEI.....Waban, Mass.  
 BEVERLY BRUCE BURNHAM.....Old Town  
 EDWARD WARREN CONNERS, JR.....Old Town  
 PRESTON SUMNER ERLICK.....Portland

EILEEN GREENWOOD, <i>With Distinction</i> .....	Farmington
MERRILL TURNER HAM.....	Augusta
ROBERT MITCHELL LUNN.....	Milltown
JAMES CURTIS McCLELLAN, JR.....	Wells
GEORGE HENRY MILLAY, <i>With Distinction</i> .....	Richmond
CHARLES CARROLL NORTON.....	Eastport
BERNARD HERSCHEL ROMANOW.....	Portland

**September 22, 1944**

**ADVANCED DEGREES**

**Master of Arts**

IN EDUCATION

LOUISE BROOKES MILLER (B.A., Bethany College, 1931).....	Orono
Title of Thesis: The Evolution of the English Curriculum of Secondary Education in the State of Maine from 1791 to 1873	

**Master of Education**

VIVIAN MARIE DRINKWATER (B.A., Maine, 1931).....	Brewer
Title of Paper: The Library as an Instrument for Guidance	
LEWIS LORENZO GRAY (B.A., Bates, 1929).....	Mt. Desert
Title of Paper: A New Curriculum for My Six-Teacher High School	
WALTER KENNETH LINDSEY (B.S., Bates, 1932).....	Union
Title of Paper: A Survey of the History and Objectives of Sociology including the Present Status of Sociology in the High Schools of Vermont	
CHARLOTTE DRUMMOND MEINECKE (B.A., Smith, 1928; M.A., Maine, 1941).....	Bangor
Title of Paper: Administrative Problems in a Junior College	
RALPH STANLEY SMITH, JR. (B.A., Bowdoin, 1930).....	Plainville, Mass.
Title of Paper: Construction of a High School Course in Local History, Nantucket Island, Massachusetts	

# Catalog of Students

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Major subjects are indicated as follows: Ae. Agricultural Education, Ag. Agronomy, Agr. Agriculture, Agr. Eng. Agricultural Engineering, Al. American Literature, Am. Hy. American History, An. Animal Husbandry, Arts. Arts and Sciences (Freshman or Sophomore), Ba. Business Administration, Bc. Biological Chemistry, Bl. Biology, Bt. Botany, By. Bacteriology, Ch. Chemistry (Technology), Ch.A. Chemistry (Arts and Sciences), Ch.Eng. Chemical Engineering, Ce. Civil Engineering, Cl. Classics, Dh. Dairy Husbandry, Di. Dairy Industry, -Dr. Drama, Dt. Dairy Technology, Ed. Education, Ee. Electrical Engineering, Eh. English, En. Entomology, Eng. Engineering (Course not specified), Eng. Ps. Engineering Physics, Es. Economics, Eu. Hy. European History, Fa. Fine Arts, Fm. Agricultural Economics and Farm Management, Fn. Foods and Nutrition, Fr. French, Fy. Forestry, Ge. General Engineering, Gl. Geology, Gm. German, Gt. Government, Gy. Geography, Hy. History, He. Home Economics, Ht. Horticulture, Jn. Journalism, L.A. & N. Liberal Arts and Nursing, Mc. Music, Me. Mechanical Engineering, Ms. Mathematics, Pa. Chemical Engineering—Pulp and Paper Division, Pc. Physiological Chemistry, Pe. Physical Education, Pg. Physiology, Ph. Poultry Husbandry, Pl. Philosophy, Pp. Plant Pathology, Ps. Physics, Py. Psychology, Rl. Romance Languages, Sy. Sociology, Sp. Spanish, Sh. Speech, Th. Theatre, Wc. Wildlife Conservation, Zo. Zoology.

## REGISTRATION

### Summer Term July 5—September 22, 1944

Including students who attended the Summer Term only. Those who continued after the Summer Term appear in the Fall or Winter Term list.

## GRADUATE STUDENTS

Moorman, Patricia, B.A., Eh. American International, 1942	<i>Kents Hill</i>	51 North Main Street
Ogden, Grace Lucille, B.S., Ba. Boston University, 1925	<i>Falmouth, Mass.</i>	51 North Main Street
Wong, Helen Elizabeth, B.S. in Com. Ed., Es. Maine, 1938	<i>Bangor</i>	209 Exchange Street, Bangor

## SENIORS

Boone, Florence Ella, Ed.	<i>Calais</i>	Estabrooke Hall, N
Boone, Mary Priscilla, Ed.	<i>Calais</i>	Estabrooke Hall, N
Cole, Henry Bogardus, Eng.Ps.	<i>Wilton</i>	84 College Avenue
Earnshaw, Jean Elizabeth, Ms.	<i>Fall River, Mass.</i>	Estabrooke Hall, N
Gregory, Edith Doreen, Ed.	<i>Calais</i>	Estabrooke Hall, N
Ham, Merrill Turner, Me.	<i>Augusta</i>	4 Myrtle Street
Hansen, George Edward, Jr., Me.	<i>Worcester, Mass.</i>	Φ Γ Δ House

Hurley, Mary Elizabeth, Sy.	<i>Skowhegan</i>	Estabrooke Hall, N
Lunn, Robert Mitchell, Me.	<i>Calais</i>	North Hall
Lyon, Russell Philip, Eng.Ps.	<i>Augusta</i>	255 Center Street, Old Town
McLaughlin, Willis Merton, Py.	<i>East Corinth</i>	East Corinth
Peacock, Thelma Eve, Ms.	<i>Auburn</i>	42½ Oak Street
Peterson, Muriel Violet, Sy.	<i>Calais</i>	Estabrooke Hall, N
Shaw, Priscilla, He.	<i>Norway</i>	Estabrooke Hall, N
Sherman, Ernest Arthur, Ce.	<i>Lancaster, N. H.</i>	North Hall
Smiley, Edward Leon, Eng.Ps.	<i>Skowhegan</i>	505 College Road
Smith, Priscilla Marcia, Zo.	<i>Orono</i>	42½ Oak Street
Stritch, Marjorie Edith, Eh.	<i>Sanford</i>	Estabrooke Hall, N
Warren, Catherine McCurdy, Hy.&Gt.	<i>Bangor</i>	44 Penobscot Street, Bangor
Wing, Virginia Robinson, Ch.A.	<i>North Anson</i>	Estabrooke Hall, N

JUNIORS

Paquette, Armand Roger, Ce.	<i>Manchester, N. H.</i>	North Hall
Parady, Harold Clement, Me.	<i>Great Works</i>	Great Works
Wentworth, Grace Elizabeth, Ch.A.	<i>Orono</i>	38 Oak Street

SOPHOMORES

Collette, Dorothy Louise, Arts	<i>Manlius, N. Y.</i>	Estabrooke Hall, N
Funger, Joanne Frances, Arts	<i>Bangor</i>	147 Essex Street, Bangor
Levine, Mark Harold, Arts	<i>Portland</i>	College Road
Page, Ann Keyes, Arts	<i>Newcastle</i>	Estabrooke Hall, N
Peterson, Forest George, Ee.	<i>Calais</i>	36 Grove Street
Zimmerman, Ronald, Ce.	<i>Springfield, Mass.</i>	Oak Hall

FRESHMEN

Goos, Ruth Frances, Arts	<i>Bangor</i>	183 York Street, Bangor
Kneeland, Allen Garner, Ch.Eng.	<i>Lewiston</i>	210 H. H. Hall
Noyes, Albert Edwin, Ch.Eng.	<i>Orono</i>	Forest Avenue, Orono
Small, William Ullrick, Eng.	<i>Caribou</i>	110 H. H. Hall
Sprague, Richard Stanton, Arts	<i>Bangor</i>	17 Sixth Street, Bangor
Stimpson, John Hallowell, Ee.	<i>Cape Cottage</i>	209 H. H. Hall
Sullivan, Joseph Ernest, Eng.	<i>South Brewer</i>	43 Pendleton Street, South Brewer
Wood, Fred Weymouth, Eng.	<i>North Berwick</i>	312 H. H. Hall
Zimmerman, Samuel Philip, Eng.	<i>Presque Isle</i>	North Hall

SPECIALS

Carlisle, Margaret Elaine, Ch.A.	<i>Bangor</i>	15 Montgomery Street, Bangor
Cudahy, Raymond Michael, Arts	<i>Bangor</i>	143 Essex Street, Bangor
Daley, William Francis, Arts	<i>Bangor</i>	297 Forest Avenue, Bangor
Knowlton, Margaret Jeanne, Sy.	<i>Bangor</i>	194 French Street, Bangor
Lipsky, Phyllis Marian, Eh.	<i>Bangor</i>	357 Center Street, Bangor
Milliken, Lowell Woodman, Arts	<i>Bangor</i>	Bangor Theological Seminary, Bangor

Norris, John Morse, Arts	<i>Bangor</i>	64 Highland Street, Bangor
Scribner, Robert Lawrence, Arts	<i>Bangor</i>	259 Union Street, Bangor
Small, Lawrence Farnsworth, Arts	<i>Blue Hill</i>	19 Third Street, Bangor
Ward, Alice McMullen, Arts	<i>Old Town</i>	241 South Main Street, Old Town
Witham, Walter Herbert, Ed.	<i>Bangor</i>	48 Sixth Street, Bangor

## Fall Term, 1944

## GRADUATE STUDENTS

Berglund, Elizabeth Newell, B.S. in Ed., Eh. Maine, 1944	<i>Belfast</i>	36 College Avenue
Bradford, Robert Bruce, B.S., Me. Maine, 1934	<i>Orono</i>	21 Grove Street
Higgins, Howard Stover, LL.B., B.B.A., Ed. Boston University, 1931, 1932	<i>Ellsworth</i>	92 Essex Street, Bangor
Johnson, Jennie Meserve, B.A., Es. Maine, 1944	<i>Bangor</i>	36 Royal Road, Bangor
LeCain, George Hoyt, B.S., Me. Tufts, 1931	<i>Orono</i>	35 Park Street
Magee, Isabel Mary, B.S., Es. & Ba. Regis, 1944	<i>Bangor</i>	130 Cedar Street, Bangor
Perry, Alvah Lionel, B.S., Fm. Maine, 1942	<i>Orono</i>	88 North Main Street
Poole, Elinor Martin, B.A., Ed. Aurora, 1940	<i>Dover-Foxcroft</i>	3 Riverdale

## SENIORS

Amsden, Raymond Emery, Dh.	<i>Burnham</i>	11 Birch Street, Bangor
Armstrong, Florence Jeanette, Sy.	<i>Arlington, Mass.</i>	Δ T Δ House
Atherton, Barbara Louise, He.	<i>Orono</i>	Estabrooke Hall, N
Beaufrand, Pierre Marie-Fernand, Ce.	<i>Valencia, Venezuela</i>	51 North Main Street
Beaumont, Arlene Elizabeth, He.	<i>Lewiston</i>	Estabrooke Hall, S
Bell, Doris Mae, Py.	<i>Hopedale, Mass.</i>	Estabrooke Hall, S
Berghouse, Lucille Parker, L.A.&N.	<i>Waterville</i>	21 Cottage Street, Bangor
Boerke, Thomas Stoddard, Ce.	<i>Roslindale, Mass.</i>	University Cabin
Bowden, Rebecca McIntyre, Sy.	<i>Blue Hill</i>	Estabrooke Hall, S
Bradford, Thelma Priscilla, Cl. & Fr.	<i>Charleston</i>	Estabrooke Hall, N
Bradstreet, Ethelyn, He.	<i>Albion</i>	Estabrooke Hall, N
Bubar, Ivan Bliss, Ag.	<i>Monticello</i>	Horticulture Building
Burrill, Margaret Frances, L.A. & N.	<i>Bangor</i>	Estabrooke Hall, S
Butler, Edward Bruce, Ee.	<i>Rutherford, N. J.</i>	Φ K Σ House
Cameron, Milton Mitchell, Ce.	<i>Wilson's Mills</i>	30 Crosby Street

Campbell, Madge Lucille, Py.	<i>Calais</i>	Estabrooke Hall, S
Carey, Dorothy Eleanor, Eh.	<i>Portland</i>	Estabrooke Hall, S
Carter, Constance Louise, He.	<i>East Blue Hill</i>	Estabrooke Hall, N
Carter, Maxwell Benjamin, Jr., Pa.	<i>Westbrook</i>	15 Pleasant Street
Casassa, Edward Francis, Ch.Eng.	<i>Portland</i>	36 Grove Street
Chaplin, Carolyn, He.	<i>Hillside</i>	Estabrooke Hall, N
Claverie, Mary Aurelia, He.	<i>Orono</i>	106 North Main Street
Clay, Virginia Burr, Eh.	<i>Lincoln</i>	Estabrooke Hall, S
Cochrane, Priscilla Ellen, He.	<i>Berwick</i>	Estabrooke Hall, N
Collis, Elizabeth Leighton, He.	<i>Newburyport, Mass.</i>	Home Management House
Colson, Winifred Louise, Ed.	<i>Stockton Springs</i>	60 Park Street
Crawford, Jean Mary, Eh.	<i>Houlton</i>	Estabrooke Hall, S
Crockett, Burleigh Stetson, An.	<i>West Sumner</i>	Farm Boarding House
Currier, Dorothy Edith, He.	<i>Auburn</i>	Estabrooke Hall, N
Currier, Eleanor Flint, He.	<i>Flagstaff</i>	Estabrooke Hall, N
Damon, Howard Curtis, Cl.	<i>Buckfield</i>	33 Pond Street
Darling, LeRoy Anthony, Ch.A.	<i>Orono</i>	18 Forest Avenue
Dartnell, Edwin Charles, Sy.	<i>Milo</i>	Milo
Davis, Loraine Martha, Hy. & Gt.	<i>Rumford</i>	Estabrooke Hall, S
Dennett, Barbara Ann, Eh.	<i>Hollis Center</i>	Estabrooke Hall, N
DeWitt, Horace Ezekiel, Ag.	<i>Sherman Mills</i>	23 Bennoch Street
Dudley, Pauline Virginia, He.	<i>Mapleton</i>	Home Management House
Eaton, Marilynn Pearl, Ed.	<i>Old Town</i>	30 North Brunswick Street, Old Town
Ellis, Effie Susanne, L.A. & N.	<i>Brewer</i>	55 Chamberlain Street, Brewer
Emery, Doris Evelyn, He.	<i>Orono</i>	Estabrooke Hall, N
Flagg, Esther Elizabeth, He.	<i>Thomaston</i>	The Elms
Flynn, Charlotte Bowman, He.	<i>Orono</i>	55 Bennoch Street
Folsom, Thelma Louise, He.	<i>Cambridge</i>	Estabrooke Hall, N
Forbus, Ruth Pauline, Eh.	<i>Brighton</i>	Estabrooke Hall, N
Gerrish, Evelyn Arlene, Ed.	<i>Auburn</i>	Estabrooke Hall, N
Gilbert, Jean Melicent, Eh.	<i>Livermore Falls</i>	Estabrooke Hall, S
Gray, Helen Wildella, Hy. & Gt.	<i>Stonington</i>	Estabrooke Hall, N
Gray, Priscilla Gene, Sy.	<i>Bangor</i>	14 Holland Street, Bangor
Haines, Marie Louise, Hy. & Gt.	<i>Waterville</i>	Estabrooke Hall, N
Hamilton, Claranne, Ed.	<i>South Gouldsboro</i>	Estabrooke Hall, S
Hannemann, Roger William, Eng.Ps.	<i>Bangor</i>	University Cabin
Hansen, Ruth Margaret, Zo.	<i>Auburn</i>	The Elms
Harding, Jennie Gertrude, Ed.	<i>Stockton Springs</i>	Δ T Δ House
Harvey, Virginia, He.	<i>Newton Highlands, Mass.</i>	Estabrooke Hall, N
Higgins, Barbara Ann, He.	<i>Longmeadow, Mass.</i>	Colvin Hall
Higgins, Ruth Richardson, Th.	<i>Bar Harbor</i>	Estabrooke Hall, S



Hill, Neal Rosswell, Ee.	<i>Waterboro</i>	38 Grove Street
Hodgkins, Elinor Louise, Zo.	<i>Portland</i>	Estabrooke Hall, N
Holman, Aileen Beryl, Ed.	<i>Mexico</i>	178 State Street, Bangor
Holmes, Elizabeth Libby, L.A.&N.	<i>Bangor</i>	32 Second Street, Bangor
Hoyle, Norma Frances, Rl.	<i>Old Town</i>	28 Oak Street, Old Town
Hunt, Ruth Shesong, Fr.	<i>Orono</i>	43 Main Street
Irvine, Carol Jennette, L.A. & N.	<i>Framingham, Mass.</i>	Estabrooke Hall, N
Kalnin, Charles Henry, Jr., Ed.	<i>Old Town</i>	4 Middle Street, Old Town
Keenan, Geraldine Florence, Ba	<i>Mars Hill</i>	Estabrooke Hall, S
Lewis, Lillian Louise, He.	<i>Springfield</i>	The Elms
Littlefield, Lyle, Ht.	<i>Monroe</i>	Horticulture Building
Long, Eugene Aaron, Ce.	<i>Portland</i>	Φ K Σ House
Look, Evelyn Annie, Ed.	<i>Jonesboro</i>	Estabrooke Hall, S
MacBurnie, Geraldine Bernice, Py.	<i>Augusta</i>	Balentine Hall
McGary, Lawrence Ervin, Fm.	<i>Oakfield</i>	23 Bennoch Street
McKenney, Norma Althea, Py.	<i>Orono</i>	Estabrooke Hall, N
Manning, Edward Lee, Py.	<i>Deer Isle</i>	46 College Avenue
Manson, Jennie Elizabeth, Ms.	<i>Center Harbor, N. H.</i>	Σ X House
Maynard, Barbara Lorraine, He.	<i>Millinocket</i>	Estabrooke Hall, N
Merrill, Edith Louise, Hy.	<i>Old Town</i>	Estabrooke Hall, S
Miller, Dorothy Robertson, Ba.	<i>South Portland</i>	Estabrooke Hall, S
Minott, Ada Catherine, Eh.	<i>Phippsburg</i>	Estabrooke Hall, N
Moore, Priscilla Margaret, He.	<i>Bangor</i>	23 West Street, Bangor
Mundie, Eleanor Carolyn, Py.	<i>Calais</i>	Estabrooke Hall, S
Myers, Therna Lucille, Ed.	<i>West Sumner</i>	Estabrooke Hall, N
Nevers, Madeline Phyllis, He.	<i>Norway</i>	Estabrooke Hall, N
Nibeck, Claudia Scammon, He.	<i>Orono</i>	121 North Main Street
O'Beirne, Miriam Sheila, Py.	<i>Old Town</i>	25 North Brunswick Street, Old Town
Otto, Helen Josephine, Rl.	<i>Dexter</i>	Estabrooke Hall, N
Parry, Maldwyn Vaughan, Sy.	<i>Blue Hill</i>	46 College Avenue
Peterson, Leona Bernese, Ba.	<i>Orono</i>	29 Bennoch Street
Pierce, Elsie Mae, L.A. & N.	<i>Damariscotta</i>	Estabrooke Hall, N
Pine, Madeline Hurd, Ba.	<i>Old Town</i>	123 Middle Street, Old Town
Plaisted, Thomas Appleton, Me.	<i>Oakland</i>	University Cabin
Quinn, Norma Erminia, Py.	<i>Bangor</i>	37 Webster Avenue North, Bangor
Rackliffe, Fred Alden, Me.	<i>Belfast</i>	36 Grove Street
Reed, Kenneth Everett, Jr., Me.	<i>Millinocket</i>	Φ K Σ House
Rogge, Grace Esther, Hy.	<i>Paterson, N. J.</i>	Estabrooke Hall, N

Seaman, Barbara Akeley, Eh.	<i>Presque Isle,</i>	Estabrooke Hall, S
Shea, Joan Helen, He.	<i>Bangor</i>	150 Parkview Avenue, Bangor
Sheldon, Dorothy Ursula, Zo.	<i>Augusta</i>	Estabrooke Hall, S
Small, Carolyn Arlene, Eh.	<i>Steep Falls</i>	Estabrooke Hall, N
Smiley, Barbara Lucille, He.	<i>Waterville</i>	Estabrooke Hall, S
Smyth, John Robert, Jr., Ph.	<i>Orono</i>	50 College Road
Speed, Robert Edward, Es. & Ba.	<i>Millinocket</i>	North Hall
Stacy, Helen Katherine, He.	<i>Shirley</i>	Estabrooke Hall, S
Stanley, Gordon Sargent, Eng.Ps.	<i>Waterville</i>	7 Forest Avenue
Staples, Jeanne Louise, Py.	<i>Lynn, Mass.</i>	Estabrooke Hall, S
Stearns, Ruth Myrtle, He.	<i>South Paris</i>	The Elms
Stuart, Pauline Mary, Sy.	<i>Old Town</i>	9 Pine Street, Old Town
Tarr, Ethel Ann, Py.	<i>Baltimore, Md.</i>	Estabrooke Hall, N
Thompson, Gordon John, Me.	<i>Rockland</i>	Dow Field, Bangor
Upton, Olive Muriel, Eh.	<i>Pownal</i>	R.F.D. #7, Bangor
Waldstein, Joseph, Me.	<i>Brookline, Mass.</i>	12 Park Street
Weinberger, Sanford Melvin, Ee.	<i>Bangor</i>	174 Essex Street, Bangor
White, Phyllis Margaret, He.	<i>Augusta</i>	The Elms

JUNIORS

Allen, Barbara Phyllis, Eh.	<i>Brewer</i>	192 State Street, Brewer
Allen, Betty Jean, Py.	<i>Old Town</i>	255 Center Street, Old Town
Bagley, Charles Julian, Jr., Ed.	<i>Centerville</i>	Φ K Σ House
Baird, Lois Ina, Py.	<i>Hartland</i>	The Elms
Banton, Judith May, He.	<i>Brewer</i>	4 Chamberlain Street, Brewer
Barnes, Mary Elizabeth, He.	<i>Fort Fairfield</i>	Balentine Hall
Bond, Barbara Foye, Hy.	<i>Richmond</i>	Estabrooke Hall, S
Boulter, Helen Isabel, Rl.	<i>Bangor</i>	Estabrooke Hall, N
Brown, Dana Wellman, Zo.	<i>Millinocket</i>	University Cabin
Budrow, Mary Jayne, Ed.	<i>Skowhegan</i>	68 Main Street
Butterfield, Ruth Elizabeth, Rl.	<i>Bangor</i>	Balentine Hall
Byronas, Mildred Ann, Py.	<i>Lewiston</i>	Balentine Hall
Campbell, Janice Ruth, Zo.	<i>Bradford</i>	The Elms
Cavett, Carolyn Ann, Py.	<i>Marblehead, Mass.</i>	Estabrooke Hall, N
Chute, Rosanna Niles, Zo.	<i>Osterville, Mass.</i>	Balentine Hall
Comins, Carolyn Elise, He.	<i>Wilton</i>	Estabrooke Hall, S
Cooper, Constance Elaine, He.	<i>Buckfield</i>	The Elms
Corneal, Phyllis Evelyn, Gt.	<i>Passadumkeag</i>	The Elms
Cote, Lucille Emily, Zo.	<i>Brunswick</i>	Balentine Hall
Courtright, Mary Word, Zo.	<i>Bangor</i>	Estabrooke Hall, N
Creighton, James Edward, Eng.Ps.	<i>Milton, Mass.</i>	Φ K Σ House
Crocker, Marion, Py.	<i>Foxboro, Mass.</i>	Balentine Hall
Crockett, John Bernet, Ba. & Es.	<i>Rockland</i>	43 Main Street

Delano, Jeanne, Eh.	<i>Wellesley, Mass.</i>	Estabrooke Hall, N
Dick, Edith May, Eh.	<i>Brunswick</i>	Balentine Hall
Dickey, Barbara Ruth, Sy.	<i>Belfast</i>	Balentine Hall
Dow, Roberta Mildred, Fr.	<i>Augusta</i>	Balentine Hall
Dudley, Ruth Marion, He.	<i>Mapleton</i>	Estabrooke Hall, S
Dumais, Therese Irene, Hy. & Gt.	<i>Lewiston</i>	Balentine Hall
Farris, Bertha Imogene, He.	<i>Lewiston</i>	Estabrooke Hall, N
Fielder, Judith Hill, Zo.	<i>Orono</i>	37 Pine Street
Foley, Elten Barbara, Sy.	<i>Bangor</i>	48 Highland Avenue, Bangor
Frazier, Daniel James, Jr., Hy. & Gt.	<i>Hampden</i>	Hampden
Gonya, Mary Alice Patricia, Ed.	<i>Millinocket</i>	Estabrooke Hall, S
Graham, Virginia Mary, Ed.	<i>Bangor</i>	59 Dillingham Street, Bangor
Greenwood, Joan Elizabeth, Eh.	<i>Farmington</i>	20 Forest Avenue
Griffee, Carol Jean, He.	<i>Orono</i>	19 University Place
Ham, Robert Dale, Ce.	<i>Lincoln</i>	4 Myrtle Street
Hammond, Rosemond Edna, He.	<i>Auburn</i>	The Elms
Hatheway, Shirlie Coombs, Th.	<i>Bangor</i>	17 George Street, Bangor
Herrick, Helen Frances, Py.	<i>South Brewer</i>	61 Elm Street, South Brewer
Herzing, Norma Constance, Py.	<i>Fort Lee, N. J.</i>	Estabrooke Hall, N
Hinds, Virginia Beryl, Eh.	<i>Naples</i>	Balentine Hall
Howard, Phyllis Madelyn, Sp.	<i>South Windham</i>	Estabrooke Hall, N
Hoyt, Mary Jane, Eh.	<i>East Holden</i>	27 Park Street
Hubbard, Mary Amy, He.	<i>Waterford</i>	Estabrooke Hall, N
Jameson, Elizabeth Frances, Eh.	<i>Waldoboro</i>	Balentine Hall
Jenkins, Betty Pauline, He.	<i>Fort Fairfield</i>	Estabrooke Hall, S
Keene, Anna Margaret, Py.	<i>Bingham</i>	Estabrooke Hall, N
Kimball, Joan, He.	<i>Freeport</i>	Estabrooke Hall, N
Law, Eloise Jeannette, He.	<i>Rockland</i>	The Elms
Leeman, Clara Willetta, Ed.	<i>Woodland</i>	Balentine Hall
Libby, Esther Elizabeth, Ms.	<i>Gorham</i>	Balentine Hall
Libby, Mary Norbeck, Rl.	<i>South Portland</i>	Estabrooke Hall, S
Libby, Virginia Payson, He.	<i>Portland</i>	Estabrooke Hall, S
Lombard, Gloria Brown, Zo.	<i>Guilford</i>	Balentine Hall
Lowe, Charlene, Es.	<i>East Lynn, Mass.</i>	Balentine Hall
Luce, Roger Franklin, Ed.	<i>Hampden Highlands</i>	Farm Boarding House
McAloon, Rosaline Hunt, Py.	<i>Bangor</i>	18 Otis Street, Bangor
McCubrey, Marjorie Annabelle, He.	<i>Portland</i>	Estabrooke Hall, S
MacGee, Roy Clayton, Jr., Me.	<i>West Medford, Mass.</i>	12 Middle Street
McLaughlin, Gayle Louise, Eh.	<i>Milo</i>	Balentine Hall
McNealus, Sally Ann, Py.	<i>South Portland</i>	Balentine Hall
Malcomson, Robert Samuel, Ee.	<i>Brookline, Mass.</i>	Z A E House

Marston, Mary-'Vesta, Py.	<i>Milltown</i>	The Elms
Merchant, Kathryn Virginia, Hy. & Gt.	<i>Waban, Mass.</i>	Estabrooke Hall, S
Merrill, Evelyn Babkirk, Fr.	<i>Old Town</i>	Box 239, Old Town
Miller, Irma Sylvia, Py.	<i>Lewiston</i>	Estabrooke Hall, S
Miller, Mary, Py.	<i>Waldoboro</i>	Balentine Hall
Millett, Dorothea, Zo.	<i>South Portland</i>	Estabrooke Hall, N
Mitchell, Rives Herbert, Jr., Eh.	<i>Bangor</i>	154 Essex Street, Bangor
Moore, Frances Barry, Sh.	<i>Brewer</i>	44 State Street, Brewer
Moses, Nancy Louise, Ed.	<i>Dexter</i>	Estabrooke Hall, N
Nutt, Hazel Maude, He.	<i>West Rockport</i>	Estabrooke Hall, N
O'Brien, Martha, Zo.	<i>Brunswick</i>	The Elms
O'Connor, Mary Elizabeth, Zo.	<i>Bangor</i>	Estabrooke Hall, S
Oliver, Genevieve Margaret, He.	<i>Bucksport</i>	Estabrooke Hall, S
Page, Ella Alice, Ms.	<i>Lincoln</i>	Balentine Hall
Page, Mildred Alma, He.	<i>Bangor</i>	Estabrooke Hall, S
Parmenter, Read, Ht.	<i>Suncook, N. H.</i>	33 Spencer Street
Patterson, Arthur Willis, Jr., Es. & Sy.	<i>Castine</i>	23 Bennoch Street
Pavey, Cecil Ann, Th.	<i>Forest Hills, N. Y.</i>	Estabrooke Hall, S
Perkins, Louise Elizabeth, Zo.	<i>Augusta</i>	Estabrooke Hall, S
Perry, Lois Ann, Sy.	<i>Houlton</i>	Balentine Hall
Potter, Joan, Sy.	<i>Needham, Mass.</i>	Estabrooke Hall, S
Rawcliffe, Geraldine Nellie, Sy.	<i>Hampden Highlands</i>	Hampden Highlands
Redman, Gloria Patricia, He.	<i>Bangor</i>	Estabrooke Hall, N
Rines, Bernard Pritchard, Agr.Eng.	<i>Westbrook</i>	24 University Place
Ross, Jeanne, Th.	<i>Marblehead, Mass.</i>	Estabrooke Hall, S
Sewall, Elizabeth Gray, Py.	<i>Old Town</i>	332 Stillwater Avenue, Old Town
Shaw, Evelyn Mina, Hy. & Gt.	<i>Lewiston</i>	Balentine Hall
Smith, Mary Elizabeth, Zo.	<i>Presque Isle</i>	Balentine Hall
Smith, Phyllis Mildred, He.	<i>Monmouth</i>	The Elms
Soule, Mary Elizabeth, Zo.	<i>Smyrna Mills</i>	Estabrooke Hall, S
Spangler, Mary Frances, Zo.	<i>Winterport</i>	Estabrooke Hall, S
Spear, Pauline Marie, He.	<i>Rockland</i>	Estabrooke Hall, N
Springer, Joanne Morita, Mc.	<i>Bangor</i>	R. F. D. #7, Bangor
Steinmetz, Harriet Ann, Zo.	<i>Orono</i>	36 College Avenue
Stewart, Virginia Marice, Eh.	<i>Waterville</i>	Estabrooke Hall, N
Stickney, Doris Eva, Sy.	<i>Bath</i>	Balentine Hall
Stickney, Patricia Hale, He.	<i>Portland</i>	Estabrooke Hall, N
Thompson, Doris Dexter, Hy. & Gt.	<i>Atlanta, Ga.</i>	Balentine Hall
Thompson, Jean Mary, He.	<i>Biddeford</i>	Balentine Hall
Titcomb, Shirley Anne, He.	<i>Houlton</i>	The Elms
Tufts, Virginia Hellen, He.	<i>Lewiston</i>	Estabrooke Hall, S
Wahl, Mary Helena, Py.	<i>Woodland</i>	Balentine Hall

Ward, Dorothy Eloise, Eh.	<i>Searsport</i>	67 First Street, Bangor
Webber, George William, Wc.	<i>Hebron</i>	50 Pine Street
Weeks, Marian Serena, Sy.	<i>Bridgewater</i>	Estabrooke Hall, S
White, Nancy Bailey, He.	<i>Portland</i>	Estabrooke Hall, N
Whitney, Philip Cushing, Ce.	<i>Winchendon, Mass.</i>	12 Middle Street
Whittemore, Muriel Elaine, He.	<i>Milo</i>	The Elms
Young, Evelyn Osca, Sy.	<i>Searsport</i>	Balentine Hall

## SOPHOMORES

Ackley, Jean Shirley, Arts	<i>Oakfield</i>	Estabrooke Hall, S
Amborn, Alyce Fredericka, Arts	<i>Lincolnville</i>	The Elms
Ambrose, Joan Mary, Arts	<i>Bangor</i>	Estabrooke Hall, S
Asker, Margaret Louise, He.	<i>Westbrook</i>	Balentine Hall
Bacon, Louisa Mae, He.	<i>Naples</i>	Estabrooke Hall, N
Banton, Gail Elizabeth, Arts	<i>Island Falls</i>	Estabrooke Hall, N
Barlow, May Ann, Arts	<i>Palermo</i>	Estabrooke Hall, S
Barmby, Edna Frances, He.	<i>North Reading, Mass.</i>	Balentine Hall
Barnes, Jane Elizabeth, Arts	<i>South Portland</i>	Estabrooke Hall, N
Berry, Anna May, Arts	<i>Wiscasset</i>	Estabrooke Hall, S
Berry, Patricia Judith, Arts	<i>Presque Isle</i>	Estabrooke Hall, N
Betts, Dorothea Dunn, Arts	<i>Bangor</i>	186 State Street, Bangor
Biehl, Kurt Edward, Wc.	<i>Baltimore, Md.</i>	University Cabin
Boerker, Ruth Elizabeth, Arts	<i>Kingston, N. Y.</i>	9 College Heights
Borkowski, Stella Jennie, Arts	<i>Stillwater</i>	College Avenue, Stillwater
Bouchard, Jo-Ann Juliet, He.	<i>Caribou</i>	Estabrooke Hall, N
Boulos, Dorothy Anne, Arts	<i>Portland</i>	Balentine Hall
Boutilier, Phyllis Mary, He.	<i>Old Orchard</i>	Estabrooke Hall, S
Boyce, Elizabeth, Arts	<i>Springfield</i>	Estabrooke Hall, N
Boynton, Mary Margaret, He.	<i>Millinocket</i>	Estabrooke Hall, N
Bradford, Sylvia May, Arts	<i>Hartland</i>	The Elms
Bradshaw, Peter John, Arts	<i>Bangor</i>	University Cabin
Bragg, John Howard, Ph.	<i>Longmeadow, Mass.</i>	Σ Λ Ε House
Bridges, Kathleen Yvonne, Arts	<i>Calais</i>	Balentine Hall
Brown, Elizabeth Mae, Arts	<i>Brooks</i>	35 Park Street
Brown, Jacqueline Elizabeth, He.	<i>Augusta</i>	The Elms
Brown, Janice, Arts	<i>Natick, Mass.</i>	Estabrooke Hall, N
Bruns, Dorothy May, Arts	<i>Bangor</i>	679 Hammond Street, Bangor
Buker, Mary Lothrop, Arts	<i>Pittsfield</i>	Estabrooke Hall, S
Burpee, Mary Louise, He.	<i>Orono</i>	Bennoch Street, Orono
Campbell, Constance Clarke, Arts	<i>Auburn</i>	Estabrooke Hall, S
Campbell, Irene Mae, Arts	<i>Gouldsboro</i>	332 Stillwater Avenue, Old Town
Carpenter, Charles Lidstone, Me.	<i>Bangor</i>	700 Hammond Street, Bangor
Castner, Shirley Reed, Arts	<i>Bangor</i>	71 Fifteenth Street, Bangor
Champion, Herbert Russell, Ce.	<i>Anson</i>	University Cabin
Chaplin, Robert Rogers, Arts	<i>Hillside</i>	Φ Κ Σ House

Chase, Nancy Pendleton, Arts	<i>Augusta</i>	Estabrooke Hall, S
Chesebrough, Wilfred Cutler, Me.	<i>Stonington, Conn.</i>	Φ K Σ House
Chipman, Nora Elizabeth, Arts	<i>Poland Springs</i>	Balentine Hall
Clark, Archie Raymond, Eng.Ps.	<i>Millinocket</i>	Φ K Σ House
Clement, Elizabeth, Arts	<i>Portland</i>	Estabrooke Hall, N
Cleven, Arlene Marjorie, Arts	<i>Portland</i>	The Elms
Closson, Alberta Emogene, Arts	<i>Ellsworth</i>	Estabrooke Hall, S
Collett, Catherine Anne, He.	<i>Bangor</i>	Balentine Hall
Comstock, Helen Muriel, He.	<i>Millinocket</i>	Balentine Hall
Connors, Barbara Ethel, Arts	<i>Old Town</i>	306 Center Street, Old Town
Coyne, Constance Ruth, He.	<i>Bangor</i>	107 Cumberland Street, Bangor
Cratty, Constance Flanders, Arts	<i>Bangor</i>	Balentine Hall
Crouse, Anna Margaret, Arts	<i>Dexter</i>	Estabrooke Hall, N
Crouse, Ivan Havelock, An.	<i>Presque Isle</i>	Φ K Σ House
Crowell, Barbara Louise, Arts	<i>Ludlow, Mass.</i>	Estabrooke Hall, N
Crowley, Marie Ellen, Arts	<i>Bangor</i>	53 West Street, Bangor
Cushing, Charles Sumner, Jr., Eng.Ps.	<i>Portland</i>	Σ N House
Davis, Barbara June, He.	<i>Medway</i>	Balentine Hall
Davis, Carol Edith, Arts	<i>Ellsworth</i>	Estabrooke Hall, N
Davis, Dorothy Lou, He.	<i>Westbrook</i>	Estabrooke Hall, N
Day, John Henry, Eng.Ps.	<i>Bangor</i>	201 Elm Street, Bangor
Dobosz, Shirley Ann, Arts	<i>Livermore Falls</i>	Estabrooke Hall, S
Doe, George Arthur, Fy.	<i>Bingham</i>	Φ K Σ House
Dole, Jacqueline Fay, Arts	<i>Brewer</i>	Estabrooke Hall, S
Durgin, Betty Jane, Arts	<i>Bingham</i>	Estabrooke Hall, S
Dyer, Everett Otis, Ee.	<i>Framingham, Mass.</i>	North Hall
Easler, Clarice Almena, Arts	<i>Crouseville</i>	Balentine Hall
Edminster, Winona Gould, He.	<i>Norway</i>	Balentine Hall
Eldridge, Phyllis Louise, Arts	<i>South Portland</i>	The Elms
Etzal, Mary Louise, He.	<i>Freeport</i>	The Elms
Faulkner, Joyce Elizabeth, Arts	<i>Ellsworth</i>	Balentine Hall
Fogg, Evelyn Delia, Arts	<i>Norridgewock</i>	Estabrooke Hall, N
Folsom, Robert Martin, Eng.Ps.	<i>Orono</i>	63 Forest Avenue
Foran, Doris Jean, Arts	<i>Saco</i>	Balentine Hall
Fortunes, Helen, Arts	<i>Sanford</i>	The Elms
Foster, Evelyn Elaine, Arts	<i>Bangor</i>	494 Hammond Street, Bangor
Fournier, Henry Morton, Eng.Ps.	<i>Livermore Falls</i>	North Hall
Fowle, Winifred, Arts	<i>Reading, Mass.</i>	Estabrooke Hall, N
Friedler, Gladys, Arts	<i>Lewiston</i>	Balentine Hall
Fuller, Donald Clyde, Ag.	<i>Easton</i>	Φ K Σ House
Goodnow, Dorothy Alice, Arts	<i>Rockland</i>	Estabrooke Hall, N
Googins, Marguerite Raymond, Arts	<i>Westbrook</i>	The Elms
Gorden, Helen, Me.	<i>Chicago, Ill.</i>	Estabrooke Hall, N
Gray, Evangeline Rowena, He.	<i>Corinna</i>	20 Forest Avenue
Grindle, Merle Bernell, Jr., Arts	<i>Ellsworth</i>	24 Oak Street
Grumley, Robert Fassett, Arts	<i>Millinocket</i>	Φ K Σ House

Hamlin, Geneva Irene Given, He.	<i>Hampden Highlands</i>	Hampden Highlands
Hammond, Eunice Elizabeth, Arts	<i>Farmington</i>	The Elms
Hammond, Phillis Marilyn, Arts	<i>Portland</i>	Estabrooke Hall, N
Harrington, Clarence Vincent, Me.	<i>Dexter</i>	25 Myrtle Street
Harrington, Thomas Alfred, Arts	<i>Worcester, Mass.</i>	Φ K Σ House
Harris, Charles Edward, Fy.	<i>Etna</i>	University Cabin
Haskell, Hilda Carolyn, He.	<i>Dexter</i>	The Elms
Hayes, William Power, Ce.	<i>Brewer</i>	94 Fling Street, Brewer
Haynes, Ruth Alberta, He.	<i>South Waterford</i>	Estabrooke Hall, N
Heartz, Jeanne Sargent, He.	<i>Bangor</i>	Balentine Hall
Hebel, Elizabeth Pauline, Arts	<i>Brewer</i>	Estabrooke Hall, S
Hedlund, Arnold, Fy.	<i>Belmont, Mass.</i>	Φ K Σ House
Higgins, Elizabeth Harvey, He.	<i>Bangor</i>	Balentine Hall
Hinckley, William Terence, Eng.Ps.	<i>Bangor</i>	26 Coombs Street, Bangor
Hobbs, Janet Iris, Arts	<i>Portland</i>	Estabrooke Hall, N
Holbrook, Harvey Lester, Ch.Eng.	<i>Yarmouth</i>	Φ K Σ House
Holmes, David Dunlap, Ee.	<i>Topsham</i>	Φ K Σ House
Hooke, Clara Adella, Arts	<i>Winn</i>	Balentine Hall
Hovey, Lois Ann, Arts	<i>Island Falls</i>	Estabrooke Hall, N
Howlett, Barbara Rose, Bt.	<i>Orono</i>	11 Peters Street
Hughey, Avis Elizabeth, He.	<i>East Waterboro</i>	Balentine Hall
Hutto, Patricia Jean, Arts	<i>Orono</i>	6 North Main Street
Jackson, Howard Burr, Jr., Fy.	<i>Jamaica Plain, Mass.</i>	Φ K Σ House
Jinks, Leland Gerald, Ph.	<i>Bangor</i>	323 Essex Street, Bangor
Johnson, Cecily Mary, Arts	<i>Livermore Falls</i>	Estabrooke Hall, S
Johnston, Robert Edson, Fm.	<i>Easton</i>	Farm Boarding House
Jones, Clyde Robert, Arts	<i>Bangor</i>	R. F. D. #2, Bangor
Jones, Fay June, Arts	<i>Bangor</i>	137 Palm Street, Bangor
Jones, Lala Lambright, Arts	<i>Auburn</i>	The Elms
Jones, Rachel Whitney, He.	<i>Auburn</i>	Balentine Hall
Jordan, Phyllis Arlene, Arts	<i>South Portland</i>	Balentine Hall
Kelley, Laurette Isabelle, He.	<i>Limestone</i>	Estabrooke Hall, N
Kelso, Elizabeth Adele, Eng.Ps.	<i>Portland</i>	The Elms
Kemp, Beverly Jane, Arts	<i>Auburn</i>	Estabrooke Hall, S
Korobkin, Leonard Richard, Me.	<i>Lowell, Mass.</i>	Φ K Σ House
Lehman, Elizabeth Jane, Arts	<i>Dayton, Ohio</i>	Estabrooke Hall, S
Lemay, Richard Willard, Me.	<i>Bar Harbor</i>	Φ K Σ House
Littlefield, Marian Louise, He.	<i>Augusta</i>	Estabrooke Hall, S
Longfellow, Jane Elizabeth, Arts	<i>East Machias</i>	Estabrooke Hall, N
MacDonald, Ora Louise, Arts	<i>Brewer</i>	104 State Street, Brewer
McKean, Albert Gladstone, Ch.Eng.	<i>Bingham</i>	Φ K Σ House
MacKinnon, Inez, Arts	<i>Brewer</i>	272 Chamberlain Street, Brewer
McLaughlin, Mariana Virginia, Arts	<i>Kennebunkport</i>	Balentine Hall
MacNair, Barbara Colleen, Arts	<i>Houlton</i>	Estabrooke Hall, N
McNeil, Barbara Ellen, Arts	<i>Bangor</i>	31 Pond Street, Bangor

Macdonald, Robert Scott, Ge.	<i>North Bergen, N. J.</i>	Φ H K House
Macri, Josephine Nancy, Arts	<i>Portland</i>	Estabrooke Hall, N
Marble, Mary Elizabeth, Arts	<i>Skowhegan</i>	Estabrooke Hall, S
Marsh, Joyce Marie, Arts	<i>Guilford</i>	Balentine Hall
Maxwell, Janice Annette, Arts	<i>Bar Harbor</i>	Estabrooke Hall, S
Mills, Barbara Louise, Arts	<i>Bangor</i>	Estabrooke Hall, N
Mills, Kathryn Joyce, Arts	<i>Monticello</i>	Balentine Hall
Moore, Roy Windfield, Jr., Me.	<i>Waterville</i>	Φ K Σ House
Morrison, Jane Elizabeth, He.	<i>Biddeford</i>	Balentine Hall
Moses, Catherine Helen, Arts	<i>Gorham</i>	The Elms
Murray, Thomas Arthur, Eng.Ps.	<i>Hampden Highlands</i>	Φ K Σ House
Nadeau, Jeannette Louise, Arts	<i>Brewer</i>	326 South Main Street, Brewer
Needham, Dorothy Jane, Arts	<i>Old Town</i>	52 Bradbury Street, Old Town
Nutter, Effie Marie, He.	<i>Corinna</i>	Balentine Hall
O'Connell, Gilbert Louis, Arts	<i>Bangor</i>	339 Broadway, Bangor
Olmsted, Norwood Wendell, Fy.	<i>Charleston</i>	Cabin #22, Grove Street
Packard, Beverly, Arts	<i>Bath</i>	Estabrooke Hall, N
Palmer, Florence Louise, Ch.	<i>Sabattus</i>	The Elms
Parkin, Florence Valerie, Arts	<i>Portland</i>	Balentine Hall
Parsons, Georgia Frances, Arts	<i>Auburn</i>	Balentine Hall
Paulin, Winifred Marion, He.	<i>Bangor</i>	Balentine Hall
Peavey, Ralph Hersey, Me.	<i>Fort Devens, Mass.</i>	Θ X House
Pendleton, Phyllis Carter, Arts	<i>Caribou</i>	Balentine Hall
Pendleton, Sylvia Ellen, Arts	<i>Carmel</i>	The Elms
Perkins, Eleanor Mary, Arts	<i>Saco</i>	Balentine Hall
Perkins, Muriel Mildred, He.	<i>Calais</i>	Balentine Hall
Phillips, Saralyn Knowlton, Arts	<i>Portland</i>	Estabrooke Hall, S
Pilot, Morris Golden, Arts	<i>Bangor</i>	Φ K Σ House
Pitman, Beverley, He.	<i>Reading, Mass.</i>	Estabrooke Hall, S
Plent, Yvette Bernadette, Arts	<i>Cleveland, Ohio</i>	88 Fountain Street, Bangor
Polley, Muriel Elaine, Arts	<i>Portland</i>	The Elms
Porter, Glendon Russell, Ch.	<i>South Portland</i>	Φ K Σ House
Potts, Barbara June, Arts	<i>South Portland</i>	Balentine Hall
Ray, Elizabeth Madeline, He.	<i>Ellsworth</i>	Balentine Hall
Reed, Noreen Eleanor, Arts	<i>Rumford</i>	Balentine Hall
Reynolds, Cecilia, He.	<i>Presque Isle</i>	Balentine Hall
Ricker, Lois Elizabeth, He.	<i>Portland</i>	Estabrooke Hall, N
Ring, Esther Lorraine, He.	<i>Richmond</i>	Estabrooke Hall, S
Ritchie, Jean Marie, An.	<i>Trenton, N. J.</i>	Estabrooke Hall, N
Roberts, John Alden, Arts	<i>Bangor</i>	University Cabin
Ross, Beatrice Hope, He.	<i>Lewiston</i>	Balentine Hall
Russell, Pauline Louise, Arts	<i>Bar Harbor</i>	Balentine Hall
Sailor, Ruth, Arts	<i>Orono</i>	Estabrooke Hall, S
Salo, Dorothy Viola, Arts	<i>Union</i>	Estabrooke Hall, S



Savage, Lowell, Eng.Ps.	Bangor	Φ K Σ House
Sawyer, Ella Grant, Ch.	Portland	Estabrooke Hall, N
Sawyer, Florence Evelyn, He.	Portland	Estabrooke Hall, S
Sawyer, Mary Louise, Arts	Saco	Estabrooke Hall, S
Sibley, Shirley Ann, Arts	West Springfield, Mass.	The Elms
Simpson, Ramona Bernadine, Arts	Sanford	Estabrooke Hall, S
Small, Geraldine Frances, Arts	Guilford	Estabrooke Hall, N
Southard, Richard Carter, Ce.	Hampden Highlands	Hampden Highlands
Spain, Elizabeth Rose, He.	New Limerick	Estabrooke Hall, N
Spaulding, Margaret French, He.	Hampden Highlands	Balentine Hall
Starrett, Hazel Priscilla, Arts	Friendship	Estabrooke Hall, S
Strout, Edith Jeannette, Arts	Bangor	177 Elm Street, Bangor
Sullivan, Barbara Ethel, Arts	Wiscasset	Balentine Hall
Swain, Amelia Lucie, He.	East Andover	Estabrooke Hall, S
Swett, Marion Patricia, Arts	Island Falls	Estabrooke Hall, N
Talbot, Franklin, Arts	Portland	43 Main Street
Tankle, Arlene Bernice, Arts	Lewiston	Balentine Hall
Taylor, Patricia Ella, Arts	Guilford	The Elms
Trefethen, Isabelle Elaine, He.	South Portland	Estabrooke Hall, S
Varanekis, Valerie MaryAnn, He.	Lewiston	Estabrooke Hall, S
Vaughan, Barbara, Ch.	Belfast	Balentine Hall
Verenis, Angie Constantina, He.	Norway	Balentine Hall
Volpe, Joseph Ilario, Ch.Eng.	Quincy, Mass.	Φ K Σ House
Wallingford, George J., Jr., Me.	Auburn	Φ K Σ House
Ward, Katherine Miller, Arts	Waterville	Estabrooke Hall, N
Weaver, Gay, Arts	Augusta	Estabrooke Hall, S
Webber, Lois Ann, He.	Richmond	The Elms
Weick, Barbara Lucille, Arts	Presque Isle	Balentine Hall
White, Elizabeth Louise, Arts	Reading, Mass.	Balentine Hall
White, Evelyn Mary, Arts	West Bath	Estabrooke Hall, S
White, Frances Percia, Arts	Edmunston, N. B., Canada	Estabrooke Hall, S
Whitney, Laurel Annie, Arts	Lincoln Center	Balentine Hall
Williams, Barbara Louise, Arts	South Portland	Estabrooke Hall, S
Witham, Fern York, He.	Bangor	48 Sixth Street, Bangor
Woodfin, Barbara Ann, Arts	Marblehead, Mass.	Estabrooke Hall, N
Woods, Anne Bailey, Arts	Ellsworth	The Elms
Woodsum, Harriet Elizabeth, Arts	Old Town	150 North Brunswick Street, Old Town
York, Mavis Elene, He.	Medway	Estabrooke Hall, N
Yow, Archibald Colembat, Fy.	Henderson, N. C.	36 Grove Street

## FRESHMEN

Adams, Alexander MacLeod, Arts	Norwood, N. J.	University Cabin
Adams, Constance Elizabeth, Arts	Bangor	102 Ohio Street, Bangor

Allen, Rena Joyce, Arts	<i>Masardis</i>	Eastern Maine General Hospital, Bangor
Alley, Sylvia Elaine, Arts	<i>Winterport</i>	Eastern Maine General Hospital, Bangor
Ambrose, Ellen Jean, Arts	<i>Bangor</i>	275 Essex Street, Bangor
Ames, Edward Bartlett, Eng.	<i>East Millinocket</i>	Φ H K House
Amsden, Perham Littlefield, Ce.	<i>Belmont</i>	Σ N House
Andersen, Marit Williams, Arts	<i>Portland</i>	Colvin Hall
Anderson, Willis Emil, Arts	<i>Rockland</i>	Θ X House
Andrews, Barbara Mansfield, Arts	<i>South Brewer</i>	Colvin Hall
Arader, Harry Eastfield, Jr., Fy.	<i>Collingswood, N. J.</i>	Θ X House
Ashby, Eunice Gereva, Arts	<i>Calais</i>	Eastern Maine General Hospital, Bangor
Ashby, Evelyn Pauline, Ce.	<i>Calais</i>	The Elms
Aucoin, Geneva Mary, Arts	<i>Greenville Junction</i>	Eastern Maine General Hospital, Bangor
Austin, Helen Roberta, Arts	<i>Fort Kent</i>	Eastern Maine General Hospital, Bangor
Austin, Jane, Arts	<i>Farmington</i>	The Elms
Averill, Sona Elizabeth, Arts	<i>Bangor</i>	Colvin Hall
Babson, Sheila Gross, Arts	<i>Blue Hill</i>	Δ T Δ House
Bachelor, Mary Francesca, He.	<i>Hallowell</i>	Δ T Δ House
Bailey, Andrea Marie, Arts	<i>Augusta</i>	Eastern Maine General Hospital, Bangor
Bailey, Lois Olive, Arts	<i>South Gardiner</i>	Δ T Δ House
Baker, Elizabeth, Arts	<i>Gainesville, Fla.</i>	Balentine Hall
Baker, George Eaton, Ce.	<i>York Village</i>	Φ H K House
Barrows, Wallace Hight, Agr.	<i>West Newton, Mass.</i>	Θ X House
Bartlett, Melvin Jonathan, Ch.Eng.	<i>East Stoneham</i>	Σ A E House
Bartley, Hastings Newcomb, Jr., Fy.	<i>Waltham, Mass.</i>	Φ H K House
Bazemore, Iona Lois, Arts	<i>Warren</i>	Σ X House
Bean, Albert Leroy, Arts	<i>Bangor</i>	Ohio Street, R. F. D. #4, Bangor
Bean, Helen Grace, Arts	<i>Kenduskeag</i>	Eastern Maine General Hospital, Bangor
Beckler, Helen Martha, Arts	<i>LaTuque, Que., Canada</i>	Balentine Hall
Bell, Rena, Arts	<i>Bangor</i>	51 Elm Street, Bangor
Bibber, John Paul, Eng.	<i>Auburn</i>	Σ A E House
Bickford, Florence Roberta, He.	<i>Madison</i>	Δ T Δ House
Blackstone, Hartson Austin, Jr., Agr.	<i>Washburn</i>	Φ H K House
Blaisdell, Hazel Marion, Arts	<i>Bangor</i>	Eastern Maine General Hospital, Bangor
Blake, Roy Clifford, Jr., Arts	<i>Minneapolis, Minn.</i>	Σ N House
Bond, Martha Gertrude, Arts	<i>Jefferson</i>	Colvin Hall
Bosse, Joseph Raymond, Eng.	<i>Old Town</i>	25 South Fourth Street, Old Town
Boterf, Betty Marie, Arts	<i>Bucksport</i>	Colvin Hall
Boutilier, Eugene Francis, Ee.	<i>Old Orchard Beach</i>	Σ N House
Bradford, Charles Edward, Me.	<i>Old Town</i>	University Cabin
Bradley, Tudor Whiton, Jr., Me.	<i>Taunton, Mass.</i>	Σ A E House

Bradstreet, Lorraine Rosebush, Arts	Lincoln	Δ T Δ House
Brophy, John Lawry, Eng.	Fairfield	Φ H K House
Brown, Camilla Bradburn, Arts	Skowhegan	Eastern Maine General Hospital, Bangor
Browne, Robert Linscott, Arts	Farmington	Φ K Σ House
Bruce, Florence Christine, Arts	Hampden	Σ X House
Buck, Robert Eugene, Arts	Southport	Φ H K House
Buckley, Donald Dustin, Eng.	Howland	Σ A E House
Buckley, Marilyn Avis, He.	Howland	20 Peters Street
Bulkeley, Joan, Arts	Stepney, Conn.	Eastern Maine General Hospital, Bangor
Bullough, Emily Janice, Arts	Bangor	Σ X House
Burke, Dorothy Blanche, Arts	Bangor	Eastern Maine General Hospital, Bangor
Burrill, Maxine Elizabeth, Arts	Orono	Eastern Maine General Hospital, Bangor
Burrill, Philip Roald, Eng.	Corinna	Φ H K House
Busch, Elizabeth, He.	Mechanic Falls	Balentine Hall
Buzzell, Helen Mariner, Arts	Milford	Milford
Byers, Verne Allison, Me.	Houlton	Θ X House
Calvert, Hazel, He.	Orono	60 Park Street
Campbell, Jean Ruth, Arts	Portland	Colvin Hall
Campbell, Vivian Louise, Arts	Clifton	Eastern Maine General Hospital, Bangor
Carter, Barbara Alberta, He.	Westbrook	Σ X House
Carter, Lancy Emilie, Arts	Etna	Balentine Hall
Carter, Marjorie Christina, Arts	Ellsworth	Δ T Δ House
Castner, Gloria Patricia, Arts	Bangor	71 Fifteenth Street, Bangor
Cates, Peggy Ann, Arts	East Vassalboro	Colvin Hall
Cayting, John Stanley, Eng.	Bangor	12 Leighton Street, Bangor
Champion, Edwin Brownelle, Eng.	Presque Isle	Σ N House
Chase, Leroy Wendell, Eng.	Bangor	R. F. D. #4, Ohio Street, Bangor
Chellis, Joanne Ruth, Arts	Portland	Colvin Hall
Chesterton, Bert Look, Arts	Jonesport	Σ A E House
Childs, Joan Mildred, Eng.	Auburn	Colvin Hall
Clement, Phyllis Lorraine, Arts	Newport	Σ X House
Clements, Laurel Eda, Arts	Winterport	Colvin Hall
Clifford, Jerome Judson, Eng.	Houlton	Θ X House
Clifford, Paul Gibson, Fy.	Hamden, Conn.	Σ A E House
Coburn, Doris Aldana, Arts	Brownville Junction	Eastern Maine General Hospital, Bangor
Coburn, Ruth Swan, Arts	Brownville Junction	Eastern Maine General Hospital, Bangor
Coffin, Olive Ross, Arts	Bangor	Δ T Δ House
Collins, John Kevin, Ce.	Reading, Mass.	Φ H K House
Coniaris, Jeanne Dimetra, Arts	Milford, Mass.	Σ X House
Connell, Herbert John, Jr., Ch.Eng.	Cape Elizabeth	Σ A E House
Connors, Ruth Margaret, Arts	Old Town	337 Center Street, Old Town
Cookson, Ruth Joyce, Arts	Bangor	Eastern Maine General Hospital, Bangor

Cowen, Willard Rawson, Ch.Eng.	Lewiston	21½ Mill Street
Cowie, Jessie Woodford, Arts	Philadelphia, Pa.	Colvin Hall
Craig, Elaine Miriam, Arts	Bridgton	Δ T Δ House
Cranch, Gene Southall, Arts	New Rochelle, N. Y.	Δ T Δ House
Crane, Barbara Pearl, Arts	Whiting	Colvin Hall
Crane, Janice MacGregor, Arts	Orono	Colvin Hall
Crane, Marie Estelle, Arts	Whiting	Colvin Hall
Crawford, David Randolph, Arts	Detroit, Mich.	Σ N House
Cuccinello, Domenic, Arts	Rockland	Θ X House
Cyr, Louise Mary, Arts	Old Town	Eastern Maine General Hospital, Bangor
Davis, Alton Frederick, Arts	Randolph	Σ A E House
Davis, Doris Ann, Arts	Bangor	150 Elm Street, Bangor
Davis, Harland Charles, Ch.Eng.	East Vassalboro	95 Mill Street
Davis, Lee Calvin, Me.	Vanceboro	Σ N House
Day, Barbara Lee, Arts	Farmington	Colvin Hall
Dearborn, Vance Edward, Ce.	Farmington	University Cabin
Denison, Carol May, Arts	Harrison	Colvin Hall
Dickey, Madeline Ann, Arts	Belfast	Δ T Δ House
Dickson, Elinor Rae, Arts	Portland	Δ T Δ House
Dineen, Mary Anne, Arts	Gardiner	Balentine Hall
Doak, Helen Maxine, Arts	Caribou	Eastern Maine General Hospital, Bangor
Dodge, Priscilla, Arts	Bangor	Ohio Street, R. F. D. #4, Bangor
Doescher, Lois Marillyn, Arts	Houlton	Colvin Hall
Donham, Phyllis Marie, Arts	Island Falls	Σ X House
Dow, Althea Mae, Arts	Sandy Point	Eastern Maine General Hospital, Bangor
Doyle, Carolyn Patricia, He.	Caribou	Δ T Δ House
Drew, Charlene Mae, Arts	Bangor	Eastern Maine General Hospital, Bangor
Dudley, Clayton Russell, Fy.	Dennysville	Θ X House
Dumais, Alfred Joseph, Arts	Lewiston	Σ A E House
Dumas, Robert Hugh, Arts	Presque Isle	Φ H K House
Duncan, Roberta Lynd, Arts	Ellsworth	Colvin Hall
Durgain, Joan Elizabeth, Arts	Bangor	Eastern Maine General Hospital, Bangor
Eames, Donald Eugene, Arts	Skowhegan	Φ H K House
Eaton, Richard Frederick, Eng.	Bangor	23 James Street, Bangor
Edgecomb, Dena Rebecca, Arts	Limestone	Eastern Maine General Hospital, Bangor
Edwards, Lillian Beatrice, He.	Stockton Springs	Δ T Δ House
Ellingwood, Phyllis May, Arts	Bangor	Eastern Maine General Hospital, Bangor
Elliott, Edna May, Arts	Millinocket	Eastern Maine General Hospital, Bangor
Ellis, Donald Chester, Eng.	York Beach	Σ N House

English, Shirley Amelia, He.	Monroe	Colvin Hall
Erhard, Robert James, Arts	West Hempstead, N. Y.	Σ A E House
Erlick, Howard Bernard, Eng.	Portland	North Hall
Estey, Ina Gertrude, Arts	Ellsworth	Eastern Maine General Hospital, Bangor
Falconer, Helen Esther, Arts	Shirley Mills	Eastern Maine General Hospital, Bangor
Farnsworth, William Thomas, Me.	Millinocket	Σ N House
Fayle, Donald Richard, Eng.	Old Town	359 Center Street, Old Town
Fickett, Eleanor Doreen, Arts	Woodland	Eastern Maine General Hospital, Bangor
Fields, Phillip Kent, Arts	Winterport	Θ X House
File, Llor Louise, Arts	Orono	67 Main Street
Fischer, Robert Ferdinand, Fy.	Fitchburg, Mass.	Σ A E House
Fleming, Jean Effie, Arts	Bangor	R. F. D. #7, Bangor
Flint, Elizabeth, Arts	West Baldwin	The Elms
Fogler, Ruth Peabody, He.	Hastings-on-Hudson, N. Y.	Colvin Hall
Fonseca, Alice Esther, Arts	Portland	Colvin Hall
Forde, Priscilla Elisabeth, Arts	West Roxbury, Mass.	Σ X House
Forsyth, Edwin William, Ch.Eng.	Addison	Σ N House
French, Charlotte Filene, Arts	Carmel	Carmel
French, Coral Viola, Arts	Danforth	Balentine Hall
French, Richard Bertrand, Arts	North Anson	Θ X House
Frye, Joan, Arts	Harrington	Σ X House
Furbish, Roger Franklin, Arts	Princeton	Θ X House
Gallagher, John Joseph, Agr.	Presque Isle	Σ N House
Garber, Irving H, Arts	Lynn, Mass.	35 Grove Street
Garcelon, Terry, Arts	Troy	The Elms
Garland, Jane Eleanor, Arts	Belleville, N. J.	Σ X House
Gee, Muriel Frances, Arts	Portland	Balentine Hall
George, Catherine Frances, Arts	Washington, D. C.	Colvin Hall
Gibbs, Margaret Ellen, Arts	Orono	Eastern Maine General Hospital, Bangor
Gilbert, Avis Marilyn, Arts	Livermore Falls	Eastern Maine General Hospital, Bangor
Gillespie, Richard Eugene, Eng.	Gardiner	Σ A E House
Gilman, Harold Ferdinand, Eng.	Old Town	385 Stillwater Avenue, Old Town
Goff, John Bryson, Arts	Portland	Θ X House
Goodwin, Barbara Jean, Arts	Brewer	119 Parker Street, Brewer
Gordon, Sumner, Eng.	Portland	Σ N House
Gorham, Margaret-Jane, Arts	Gardiner	Σ X House
Gottinger, William Henry Joseph, Arts	Orono	31 Forest Avenue
Gould, Roger Dunlap, Eng.	South Portland	Σ N House
Gowdey, Jean Leslie, Arts	Wiscasset	The Elms
Gowdey, Margaret Anne, Arts	Wiscasset	The Elms
Graham, Norma Wiletta, Arts	Greenville	Eastern Maine General Hospital, Bangor

Graham, Priscilla Ruth, Arts	<i>Bangor</i>	211 Seventh Street, Bangor
Grant, Marjorie Alice, Arts	<i>Dennysville</i>	Δ T Δ House
Grant, Paul Ernest, Eng.	<i>Auburn</i>	35 Grove Street
Grass, Natalie Marilyn, Arts	<i>Lambert Lake</i>	Eastern Maine General Hospital, Bangor
Gray, Irving Raymond, Arts	<i>Hallowell</i>	Φ H K House
Gray, Mary Athena, He.	<i>Orrington</i>	143 Broadway, Bangor
Griffin, Grace Dudley, Arts	<i>Bangor</i>	28 Pier Street, Bangor
Hallett, Jean Anderson, He.	<i>Presque Isle</i>	Δ T Δ House
Hamel, Marjorie Ellen, Arts	<i>Bangor</i>	Eastern Maine General Hospital, Bangor
Hanscom, Margaret Janetta, He.	<i>Bethel</i>	Colvin Hall
Harding, Natalie Carolyn, Arts	<i>Belfast</i>	Eastern Maine General Hospital, Bangor
Harmon, AnnLee Frances, He.	<i>Caribou</i>	Colvin Hall
Harris, Marjorie Louise, Arts	<i>Smyrna Mills</i>	Eastern Maine General Hospital, Bangor
Haskell, Ripon Wilson, Arts	<i>Deer Isle</i>	Φ H K House
Hastings, Hugh Warren, II, Fy.	<i>Fryeburg</i>	Σ N House
Hawes, Madolyn Elsie, He.	<i>Union</i>	Colvin Hall
Hazen, Nina Belle, He.	<i>Bangor</i>	92 Grant Street, Bangor
Heald, Alfreda Marie, He.	<i>Old Town</i>	19 Carroll Street, Old Town
Heald, Marie Domicile, Arts	<i>Old Town</i>	Eastern Maine General Hospital, Bangor
Healy, Mary Gertrude, He.	<i>Eastport</i>	Balentine Hall
Henderson, LeRoy Walter, Ce.	<i>Augusta</i>	Θ X House
Hermanson, Gerald Irwin, Pa.	<i>Brookline, Mass.</i>	Σ A E House
Hewitt, Pauline Frances, Arts	<i>Brownville</i>	Eastern Maine General Hospital, Bangor
Hickson, Marion Alice, Arts	<i>Junction</i>	Eastern Maine General Hospital, Bangor
Hillson, Mary Ann, Arts	<i>Bangor</i>	Eastern Maine General Hospital, Bangor
Hodsdon, Kenneth York, Fy.	<i>Orono</i>	39 Mill Street
Hollingdale, Mary Louise, Arts	<i>Dixfield</i>	University Cabin
Hopkins, Barker William, Fy.	<i>Augusta</i>	Colvin Hall
Hopkins, William Lee, Ch.Eng.	<i>Rumford Point</i>	Θ X House
Howe, Constance Fitz, Arts	<i>Rockland</i>	43 Main Street
Humphrey, Arlene Evangeline, Arts	<i>Wakefield, Mass.</i>	Δ T Δ House
Huson, Virginia Mae, He.	<i>Bangor</i>	Eastern Maine General Hospital, Bangor
Hussey, Idolyn Wanda, Arts	<i>Easton</i>	Colvin Hall
Jacobsen, June Harriette, Arts	<i>Kezar Falls</i>	Colvin Hall
James, Geraldine Elnora, Arts	<i>West Buxton</i>	Colvin Hall
Jameson, Jean Catherine, Arts	<i>Princeton</i>	Eastern Maine General Hospital, Bangor
Johnson, Douglas Richard, Eng.	<i>Bangor</i>	28 Forest Avenue, Bangor
Jones, Mava Jeanne, Arts	<i>Portland</i>	Σ A E House
Jordan, Dorothy Ann, Arts	<i>Windsor, Vt.</i>	Colvin Hall
	<i>Orono</i>	23 University Place

Kallgren, Richard Andrew, Fy.	Berlin, Conn.	Σ A E House
Kane, William Everett, Arts	Brewer	28 Blake Street, Brewer
Keeney, John Wyllys, Fy.	Malverne, L. I., N. Y.	Σ N House
Keith, Edward Harford, Eng.	Bangor	Σ A E House
Kepler, Betty Jane, Arts	Newton Highlands, Mass.	Balentine Hall
Ketchen, Margaret Jane, Arts	Great Works	Σ X House
Kimball, Morna Leona, Arts	Hampden Highlands	Hampden Highlands
King, Charles Edward, Ec.	Old Town	11 Pine Street, Old Town
King, Mary Annis, Arts	Machias	Eastern Maine General Hospital, Bangor
Kitchen, Beverly Herbert, Ch.Eng.	Portland	Φ H K House
Kittredge, Venita Parker, Arts	South Portland	Σ X House
Kittridge, Malcolm Ralph, Me.	Dexter	University Cabin
Knott, Pauline Virginia, Arts	Beverly, Mass.	Balentine Hall
Kramer, Lorna Fay, Arts	Bath	Balentine Hall
Kraske, Richard Herman, Ch.	Rumford	Σ N House
Lacasse, Pauline Margie, Arts	Bangor	Δ T Δ House
Lambert, Bryce Voter, Arts	Houlton	Θ X House
Lambert, Howard Kenneth, Me.	Lewiston	Σ A E House
Lancaster, Priscilla Jannette, Arts	Hartland	Δ T Δ House
Lane, Sylvia May, Arts	Lincoln	107 Yale Street, Bangor
Langbehn, Gerda Wilhelmina, Arts	Bath	Balentine Hall
Lathrop, Jay Wallace, Eng.Ps.	Orono	139 Main Street
Layman, Marion Isabel, Arts	Shirley Mills	Eastern Maine General Hospital, Bangor
LeClair, Gilbert Cloyd, Eng.	Bethel	Σ A E House
Leeman, Martha Evelyn, Arts	Woolwich	Colvin Hall
Leighton, Beverly Joy, Arts	Auburndale, Mass.	Balentine Hall
Leonard, Parker Franklin, Arts	Brewer	50 State Street, Brewer
Lesinski, Mary Elizabeth, Arts	Easthampton, Mass.	Balentine Hall
Libby, Joanne Elizabeth, He.	Portland	Colvin Hall
Lincoln, Richard Stone, Me.	Portland	Φ H K House
Linehan, Francis Joseph, Jr., Eng.	Swampscott, Mass.	Φ H K House
Little, Edward Everett, Eng.	Bethel	Σ N House
Look, Joan Winnifred, Arts	Rockland	Colvin Hall
Lothrop, Patricia Thelma, Arts	Oakland	Eastern Maine General Hospital, Bangor
Lothrop, Robert Daniel, Fy.	Oakland	University Cabin
Lovett, Garrett James, Ge.	Bangor	73 Fern Street, Bangor
Lupsha, Joseph Martin, Fy.	Bellaire, L. I., N. Y.	Σ A E House
Lurie, Barbara Joan, Arts	Lewiston	Balentine Hall
Lycette, Richard Milton, Ch.	Houlton	Φ H K House
Lynaugh, Jean Muriel, Arts	White Plains, N. Y.	Σ X House
McAloon, Barbara Manion, Arts	Bangor	18 Otis Street, Bangor
McCann, Catherine Irene, Arts	Portland	Σ X House
McCready, Maxine Ida, Arts	Eliot	The Elms
MacDonald, Pauline Bertha, Arts	Gardiner	Eastern Maine General Hospital, Bangor

MacDonald, Una Jean, Arts	Rumford	Δ T Δ House
McDonough, Marguerite Frances, Arts	Bangor	Δ T Δ House
McFarland, Rita, Arts	Lincoln Center	Eastern Maine General Hospital, Bangor
McGary, Carlton Dow, Eng.	Farmington	Θ X House
McGinley, Gloria Estelle, Arts	Carmel	The Elms
McGlinchey, Grace Evelyn, Arts	Milford	Milford
McGouldrick, Paul Foster, Jr., Arts	Bangor	165 Elm Street, Bangor
McIntire, Justin Glenn, Me.	Brunswick	Θ X House
McKenna, Helen Louise, Arts	Old Orchard	Δ T Δ House
MacLauchlan, Robert Scott, Agr.	Dennysville	Θ X House
McManus, Elaine Patricia, Arts	Bangor	75 Summer Street, Bangor
Macdonald, Janice, Eng.	Milton, Mass.	Δ T Δ House
Mack, Lester Nathan, Eng.	Portland	35 Grove Street
Mackin, Yvonne Davis, Arts	Presque Isle	Colvin Hall
Mahany, Gerald Luman, Agr.Eng.	Easton	Φ H K House
Marcous, Pauline Rita, He.	Lewiston	Colvin Hall
Marsh, Ada Mae, Arts	East Eddington	28 Montgomery Street, Bangor
Martin, Lois Elaine, Arts	Calais	Eastern Maine General Hospital, Bangor
Marvin, Mary Margaret, Arts	Ho-Ho-Kus, N. J.	Σ X House
Maxim, Marjorie Mae, Arts	Orono	Balentine Hall
Mayo, John Edwards, Arts	Brewer	9 Jordan Street, Brewer
Meade, Aletha Luetta, He.	Auburn	Δ T Δ House
Melcher, William Washington Durgin, Agr.	Bingham	Σ N House
Meltzer, Jack Maynard, Arts	Lewiston	Σ N House
Mercer, Thelma Opal, Arts	Bucksport	Colvin Hall
Merrill, Doris Elizabeth, Arts	Old Town	18 High Street, Old Town
Meyer, Elizabeth Agnes, Arts	South Hamilton, Mass.	Σ X House
Miller, Albert John, Fy.	Rahway, N. J.	University Cabin
Miller, Jean Hoyt, Arts	Presque Isle	Colvin Hall
Miller, Stanley John, Eng.	Auburn	35 Grove Street
Mollison, James Watt, Ch.Eng.	Belfast	Σ N House
Moore, Dorothy Louise, Arts	Gouldsboro	Eastern Maine General Hospital, Bangor
Morgan, Verna Pearl, Arts	Old Town	Eastern Maine General Hospital, Bangor
Morgenroth, Hans, Bc.	Bangor	R. F. D. #7, Bangor
Murch, Eurette Louise, Arts	Millinocket	Eastern Maine General Hospital, Bangor
Murdock, Roland Girard, Me.	Lewiston	Σ N House
Murray, Charles William, Arts	Woodland	University Cabin
Murray, Patricia Ann, He.	Madison	Δ T Δ House
Myrick, Mary Edna, Arts	Gouldsboro	Eastern Maine General Hospital, Bangor
Nelson, George Richard, Ch.Eng.	Portland	109 Center Street, Bangor
Nelson, Richard Carl, Eng.	South Weymouth, Mass.	Σ A E House



Nichols, George Peter, Ce.	Auburn	Σ A E House
Nicholson, Evelyn May, Arts	Lincoln	Σ X House
Noble, Jane Caroline, Arts	Topsfield	Eastern Maine General Hospital, Bangor
Noel, Virginia, He.	Lincoln	The Elms
Norton, Phyllis Deborah, He.	Hempstead, L. I., N. Y.	Δ T Δ House
Noyes, Helen Elizabeth, He.	Farmington	Colvin Hall
Oda, Lillian Kiyoko, He.	Hunt, Idaho	Δ T Δ House
Osgood, Ellie Allen, Arts	Mattawamkeag	Eastern Maine General Hospital, Bangor
Ouilette, Lewis Alire, Jr., Me.	Skowhegan	Σ N House
Packard, Patricia Audrey, Arts	Livermore Falls	Eastern Maine General Hospital, Bangor
Palmer, Elizabeth Jane, Arts	Bangor	220 Center Street, Bangor
Palmer, Patricia, Arts	Levant	The Elms
Parent, Pauline Barbara, Ch.	Waterville	Balentine Hall
Parritz, Harold, Arts	Newton Centre, Mass.	35 Grove Street
Patten, Barbara Hamilton, Arts	Springfield, Mass.	Colvin Hall
Peacock, Beverly Rae, Arts	Auburn	The Elms
Pelletier, Margaret Elizabeth, He.	Fort Kent	Σ X House
Perkins, Elaine Myrtle, He.	Augusta	Colvin Hall
Perry, Harry McNaughton, Arts	Bangor	R. F. D. #2, Bangor
Peterson, Sylvia Eda, Arts	Caribou	Colvin Hall
Piela, Edmund Francis, Ee.	North Monmouth	Φ H K House
Pierce, David Roosevelt, Eng.	Swansea, Mass.	Σ A E House
Pineau, Margaret Anne, Arts	Millinocket	Eastern Maine General Hospital, Bangor
Pinkham, Augusta Mary, He.	Farmington	Σ X House
Plavin, Leonard Newell, Arts	Lewiston	Σ A E House
Popkin, Milton Bernard, Ch.Eng.	Portland	35 Grove Street
Poust, Elaine Muriel, Arts	Rockland	Balentine Hall
Powers, Kendall Richardson, Me.	Deer Isle	25 Myrtle Street
Powers, Ruth Helen, Arts	Bangor	Eastern Maine General Hospital, Bangor
Pratt, Richard Marr, Arts	Caribou	Σ A E House
Preble, Margaret Ada, Arts	Farmington	Δ T Δ House
Prescott, Bernard Francis, Arts	Saco	Σ N House
Putnam, Barbara Marion, Arts	Fort Fairfield	Eastern Maine General Hospital, Bangor
Quimby, Betty, He.	Brooks	The Elms
Quint, Pauline Elizabeth, He.	Patten	Colvin Hall
Rackliff, Virginia Christina, Arts	Easton	Σ X House
Randlett, Caroline Pendleton, Arts	Dark Harbor	Balentine Hall
Rediker, Rebecca Iola, Arts	Belfast	Eastern Maine General Hospital, Bangor
Reed, Mary Elizabeth, Arts	Millinocket	Eastern Maine General Hospital, Bangor

Rhoades, Ralph Manson, Ee.	<i>Calais</i>	Σ N House
Rice, Carol Ann, Arts	<i>Bangor</i>	Balentine Hall
Rice, Marie Evelyn, Arts	<i>Taunton, Mass.</i>	Eastern Maine General Hospital, Bangor
Richards, Rita Estelle, Arts	<i>Princeton</i>	Eastern Maine General Hospital, Bangor
Rideout, Bertha Edith, Arts	<i>Topsham</i>	Δ T Δ House
Rising, Bradley Downes, Eng.	<i>Yarmouth</i>	Σ A E House
Roderick, Archille Reginald, Arts	<i>Caribou</i>	38 Grove Street
Rogers, Helen Marie, Arts	<i>Mapleton</i>	Eastern Maine General Hospital, Bangor
Rogers, Ruth Stetson, Arts	<i>Old Town</i>	Eastern Maine General Hospital, Bangor
Rolnick, Evalyn, Arts	<i>Bangor</i>	17 Adams Street, Bangor
Rowe, Harriet Evans, Arts	<i>York Village</i>	Balentine Hall
Roy, Julia Ann, Arts	<i>Brewer</i>	439 North Main Street, Brewer
Russell, Shirley Katherine, Arts	<i>Portland</i>	Colvin Hall
Sargent, Raymond Francis, Me.	<i>Somerville, N. J.</i>	Σ A E House
Sawyer, Mary Ethel, Arts	<i>Waterville</i>	Balentine Hall
Sawyer, William Frederick, Me.	<i>Milbridge</i>	University Cabin
Scales, Arthur Eugene, Arts	<i>Guilford</i>	Θ X House
Scales, Janice Filkins, Arts	<i>Portland</i>	Colvin Hall
Schneider, Martin, Arts	<i>Bangor</i>	217 Center Street, Bangor
Scott, Joyce Elizabeth, He.	<i>Deer Isle</i>	Balentine Hall
Seavey, Rachel, Arts	<i>Portland</i>	Σ X House
Sewell, Mary Carolyn, Arts	<i>Lincoln</i>	Eastern Maine General Hospital, Bangor
Shaw, Mary-Jean, Arts	<i>South Paris</i>	Eastern Maine General Hospital, Bangor
Sheehy, Joseph Edward, Arts	<i>East Braintree, Mass.</i>	Φ H K House
Sheldon, Edith Grace, He.	<i>Camden</i>	Balentine Hall
Sherin, Helen Frances, Arts	<i>New Haven, Conn.</i>	Eastern Maine General Hospital, Bangor
Sibley, Mina Lelia, Arts	<i>Stillwater</i>	Stillwater
Silsby, Arlene Blanche, Arts	<i>Aurora</i>	Eastern Maine General Hospital, Bangor
Simpson, Bertha Evelyn, Arts	<i>Bangor</i>	Eastern Maine General Hospital, Bangor
Simpson, Donald Campbell, Ch.Eng.	<i>Eastport</i>	Σ A E House
Smaha, Donald George, Me.	<i>Portland</i>	Θ X House
Small, Betty Marie, Arts	<i>East Machias</i>	Colvin Hall
Smargon, Marcia Louann, Arts	<i>Brighton, Mass.</i>	Balentine Hall
Smith, Carol Lois, Arts	<i>Portland</i>	Balentine Hall
Smith, Margaret Opal, Arts	<i>Mars Hill</i>	Σ X House
Smith, Natalie Marion, Arts	<i>Augusta</i>	Balentine Hall
Smith, Norma Guylene, He.	<i>Houlton</i>	Colvin Hall
Sokol, Sheldon, Arts	<i>Mattapan, Mass.</i>	Σ N House
Soule, Helen Sylvia, Arts	<i>West Scarboro</i>	Σ X House
Spillane, Joan Marie, Arts	<i>Bangor</i>	35 Division Street, Bangor

Spiller, Janet Elizabeth, Eng.	Westbrook	Balentine Hall
Spofford, Glenna Vine, He.	Stonington	Δ T Δ House
Springer, Jacqueline May, Arts	Bangor	R. F. D. #7, Bangor
Stahle, Florence Irene, Arts	Newport, R. I.	Eastern Maine General Hospital, Bangor
St. Amand, Wilbrod, Jr., Arts	Old Town	387 Center Street, Old Town
Stanley, Doris Julia, Ce.	Farmington	The Elms
Staples, Maxine Mae, Arts	Phillips	Eastern Maine General Hospital, Bangor
Starr, Marvis Wheaton, Arts	Hamden, Conn.	Balentine Hall
Stevens, Aileen Faith, Arts	Hinckley	The Elms
Stickney, Olivia Colesworthy, He.	Portland	Colvin Hall
St. John, Patricia, Arts	Bangor	99 Webster Avenue, Bangor
Sullivan, Marguerite Grace, He.	Freeport	Balentine Hall
Sweatt, John Henry, Jr., Arts	Orono	7 Park Street
Sykes, David Allen, 2nd, Ch.Eng.	Worcester, Mass.	Σ A E House
Tardy, Richard Preston, Me.	Livermore Falls	Σ A E House
Theriault, Eugene Carroll, Eng.	Millinocket	Σ N House
Thomas, Amy Carmela, Arts	South Portland	Σ X House
Thomas, Charles Demetrius, Arts	Salem, Mass.	University Cabin
Thomes, Constance Virginia, Arts	Harrison	Colvin Hall
Thompson, Eleanor-Mae, Arts	Westbrook	The Elms
Thompson, Ralph Willard, Ee.	Milton, Mass.	Σ A E House
Tibbetts, Barbara, Arts	Hallowell	Δ T Δ House
Tibbetts, Mary-Grace, He.	Auburn	Colvin Hall
Tozier, William Hopkins, Eng.	Unity	Σ A E House
Trask, Eleanor Janet, Arts	Dryden	Δ T Δ House
Trecartin, Jean Marie, Arts	Bucksport	Eastern Maine General Hospital, Bangor
Tribou, Cynthia, Arts	Wethersfield, Conn.	Balentine Hall
True, Pauline Wadsworth, By.	Hope	Colvin Hall
Trust, Thomas Warren, Eng.	Bangor	199 Cedar Street, Bangor
Veilleux, Teresa Dorothy, Arts	Bangor	51 Newbury Street, Bangor
Virgie, Martha Gwendolyn, Arts	Caribou	Balentine Hall
Vose, Belle Coinforth, Arts	Belfast	Eastern Maine General Hospital, Bangor
Wainwright, Kenneth, Ee.	Brewer	20 Spring Street, Brewer
Wallace, Jean Elizabeth, Agr.	Orono	45 Park Street
Wallingford, Helen Louise, Arts	Auburn	Colvin Hall
Watson, Esther Shirley, Arts	Portland	The Elms
Watson, Harriette Louise, Arts	Houlton	Colvin Hall
Watson, Margaret Elaine, He.	Auburn	Colvin Hall
Weatherbee, Bette Jane, Arts	Lincoln	Σ X House
Webb, Jean Shirley, Arts	Augusta	Balentine Hall
Webster, Joyce Marion, Arts	Patten	Eastern Maine General Hospital, Bangor
Welts, Donna Alta, Arts	Guilford	Δ T Δ House

Wentworth, Joan, He.	<i>Kennebunk Beach</i>	The Elms
Wescott, Charlotte Pauline, Arts	<i>West Gouldsboro</i>	Eastern Maine General Hospital, Bangor
West, James Albra, Agr.	<i>Wells</i>	Σ N House
West, Roland James, Eng.	<i>Millinocket</i>	Θ X House
Weymouth, Mary Darilyn, Arts	<i>Orono</i>	20 Grove Street
Whalen, Barbara Agatha, Arts	<i>Dexter</i>	Balentine Hall
Whalen, Patricia Elaine, Arts	<i>Bangor</i>	22 Hudson Street, Bangor
Whitehouse, Carolyn Elvira, Agr.	<i>Kennebunk</i>	The Elms
Whiting, Norman Irving, Fy.	<i>Milton, Mass.</i>	Θ X House
Whitman, Alice May, Arts	<i>South Paris</i>	Eastern Maine General Hospital, Bangor
Whitmore, John Miller, Me.	<i>Bucksport</i>	Θ X House
Wiggin, William Rutledge, Ee.	<i>Belmont, Mass.</i>	Θ X House
Wilber, Elizabeth Anna, He.	<i>Dexter</i>	The Elms
Williams, Mortimer John, Ch.Eng.	<i>Marlboro, Mass.</i>	Θ X House
Wilson, Kathleen Mae, Arts	<i>Patten</i>	Colvin Hall
Wilson, William Sleight, Arts	<i>Eastport</i>	Σ A E House
Withers, Georgene Martha, He.	<i>Oakland</i>	Balentine Hall
Wood, Mabel Frances, Arts	<i>Blue Hill</i>	Σ X House
Woodbrey, Edward Freeman, Eng.	<i>Sebago Lake</i>	Σ N House
Yates, Jean Mildred, Arts	<i>Framingham, Mass.</i>	Balentine Hall
Yates, Marjorie Frances, Arts	<i>Framingham, Mass.</i>	Colvin Hall
York, Fred Albion, Jr., Arts	<i>East Millinocket</i>	Φ H K House
York, Rebecca Marie, Eng.	<i>Medway</i>	Balentine Hall
Young, Edith Anne, He.	<i>West Newton, Mass.</i>	Balentine Hall
Young, Marion Scott, Arts	<i>Foxboro, Mass.</i>	Balentine Hall
Zeitler, Marilyn, Arts	<i>Brunswick</i>	Δ T Δ House

SPECIALS

Albair, Philip Harold, Ag.	<i>Caribou</i>	Φ K Σ House
Atwood, Paul Elliott, Ce.	<i>Bangor</i>	782 Hammond Street, Bangor
Auld, Douglas William, Py.	<i>Bradford</i>	Bradford
Beeler, Elinore Louise, Ed.	<i>South Portland</i>	Estabrooke Hall, S
Bell, Raleigh Eugene, Arts	<i>Bangor</i>	451 Union Street, Bangor
Bullens, George Eugene, Py.	<i>Yarmouth</i>	4 Myrtle Street
Burgoyne, Charles Richard, Fm.	<i>Fort Kent</i>	384 College Road
Burke, John Edward, Zo.	<i>Bangor</i>	State Street, Bangor
Campana, Robert Joseph, Arts	<i>Brookline, Mass.</i>	106 Oak Hall
Carter, Gertrude Newell, Arts	<i>South Brewer</i>	South Brewer
Clement, John Hayden, Zo.	<i>Bangor</i>	Φ K Σ House
Dowe, Paul James, Ph.	<i>Hallowell</i>	Farm Boarding House
Evans, Weston Sumner, Eng.	<i>Orono</i>	8 Kell Street
Fellows, William Albert, Arts	<i>Bangor</i>	384 French Street, Bangor
Gaeng, George Gordon, Arts	<i>Baltimore, Md.</i>	Belfast Armory, Belfast
Gilmore, John Oliver, Arts	<i>Bangor</i>	103A Highland Street, Bangor

Gottinger, Mary Agnes, By.	<i>Orono</i>	31 Forest Avenue
Huntley, Maurice, Eng.	<i>Portland</i>	Ledge Hill
Hutchins, Emmonzene Elizabeth, Ed.	<i>Strong</i>	Balentine Hall
Irvine, Yvonne Ann, Arts	<i>Bangor</i>	Σ X House
Morse, Valton Vincent, Sy.	<i>Brewer</i>	R. F. D. #5, Brewer
Moyes, Joseph William, Eng.	<i>Lewiston</i>	University Cabin
Pine, Charles Stephen, Pa.	<i>Old Town</i>	123 Middle Street, Old Town
Redmond, William Lawrence, Zo.	<i>Bangor</i>	547 Main Street, Bangor
Reid, Janet Margaret, Arts	<i>Bangor</i>	Balentine Hall
Roberts, Geraldine Dahlgren, Arts	<i>Seattle, Wash.</i>	109 Main Street
Skolfield, John Theodore, Jr., Eng.	<i>Gardiner</i>	Σ A E House
Skoufis, Louis John, Ba.	<i>Bangor</i>	18 Lincoln Street, Bangor
Stuart, Lucia Jones, Eh.	<i>Orono</i>	15 Cedar Street
Trundy, Anne Louise, He.	<i>Presque Isle</i>	Balentine Hall
Webb, Eleanor Myra, Zo.	<i>South Portland</i>	Estabrooke Hall, S
Wiswell, Howard Everett, Arts	<i>South Brewer</i>	R. F. D. #3, South Brewer

## TWO-YEAR COURSE IN AGRICULTURE

## FIRST YEAR

Brown, Robert Elton	<i>Harmony</i>	Θ X House
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## Winter Term, 1945

## NEW REGISTRATIONS

## GRADUATE STUDENTS

Banton, Hartley Lanpher, B.S., Me. Maine, 1941	<i>Newport</i>	15 Pond Street
Fogg, Ann Jeannette, B.S., Ed. Western Michigan, 1943	<i>Orono</i>	74 North Main Street
Judkins, Esther Jean, B.S. in Ed., Eh. Maine, 1942	<i>Dixfield</i>	3 Riverdale
Keirstead, Lloyd Garrison, B.S., Bc. Maine, 1933	<i>Orono</i>	54 North Main Street
Libbey, Waldo McClure, B.S., Ec. Maine, 1943	<i>Bangor</i>	135 West Broadway, Bangor
Murphy, John James, B.S., Ps. Holy Cross, 1941	<i>Orono</i>	7 Park Lane

## SENIORS

Brown, Margaret Alice, He.	<i>Norway</i>	Estabrooke Hall, N
McClure, Luella May, Py.	<i>Dover-Foxcroft</i>	Estabrooke Hall, N
Rozelle, Barbara Phyllis, He.	<i>Bradford</i>	Estabrooke Hall, N

JUNIORS

Boynton, Shasta Allbee, Ed.	<i>North New Portland</i>	Estabrooke Hall, N
Giampetruzzi, Nino James, Ed.	<i>Portland</i>	Φ K Σ House

SOPHOMORES

Keiser, Harry Richard, Fy.	<i>Wilmette, Ill.</i>	Φ K Σ House
Moore, Frank Allan, Arts	<i>Old Town</i>	178 Stillwater Avenue, Old Town

FRESHMEN

Dennison, Judith, Arts	<i>Bath</i>	Colvin Hall
Fogg, Roland Arthur, Eng.	<i>Orono</i>	74 North Main Street

SPECIALS

Burr, Elisabeth Alice, Arts	<i>Bangor</i>	36 Fourth Street, Bangor
Covell, Mildred Rebecca, Ms.	<i>Orono</i>	15 Pleasant Street
Dolan, Marion Elizabeth, Fm.	<i>Old Town</i>	176 Middle Street, Old Town
Ford, Alvah Phillips, Ed.	<i>Bangor</i>	Φ K Σ House
Goodine, Eugenia Catherine, Fm.	<i>Orono</i>	75 Mill Street
Goodine, Joanne Margaret, Fm.	<i>Orono</i>	75 Mill Street
Lamson, Rosalie Summerfield, Ed.	<i>Orono</i>	77 Bennoch Street
McKenney, Jeanne Estelle, Fm.	<i>Old Town</i>	95 North Fourth Street, Old Town
Smith, Margaret Elizabeth, Fm.	<i>Orono</i>	22 Pond Street
Thompson, Verda Mae, Fm.	<i>Orono</i>	85 Main Street
Weil, Edwin Hugo, Jr., Ag.	<i>New Britain, Pa.</i>	38 Grove Street

The following students in Liberal Arts and Nursing are enrolled for hospital training:

EASTERN MAINE GENERAL HOSPITAL

Margaret Elizabeth Ambrose	<i>Bangor</i>
Pauline Cowin Bagley	<i>Orono</i>
Margaret Evangeline Cousins	<i>East Millinocket</i>
Harriette Frances Daw	<i>Monson</i>
Madeline Joyce Ellingwood	<i>Madison</i>
Shirley Edna Haines	<i>Fort Fairfield</i>
Jeannette Thompson Irely	<i>Brewer</i>
Starr Rockwell Roberts	<i>Orono</i>
Virginia Sheila Rozelle	<i>Bradford</i>
Mary Ellen Smith	<i>Indian Lake, N. Y.</i>
Leone Edna Walls	<i>Mars Hill</i>
Lucy May Williams	<i>South Brewer</i>

## CENTRAL MAINE GENERAL HOSPITAL

Arlene Frances Millett	<i>Calais</i>
Lucia Martin Packard	<i>Augusta</i>
Dorothy Priscilla Pillsbury	<i>Limington</i>
Winifred Rae Richardson	<i>Denmark</i>
Marilyn Dorothy Tobie	<i>Lisbon Falls</i>

## SUMMER SESSION, 1944

## STUDENTS REGISTERED FOR GRADUATE CREDIT

Avery, Byron George, B.S., Ed. Maine, 1935	<i>Brewer</i>
Baker, Nellie Mae, B.A., Hy. William and Mary, 1929	<i>Norfolk, Va.</i>
Berglund, Elizabeth Newell, B.S. in Ed., Eh. Maine, 1943	<i>Belfast</i>
Beverage, Wentworth Ernest, B.S., Ed. Maine, 1935	<i>Oakland</i>
Brandt, Eva Daphne, B.S., Ed. Wilson Teachers College, 1943	<i>Washington, D. C.</i>
Brawn, Erma Louise, B.A., Hy. Maine, 1943	<i>South Lincoln</i>
Browning, Neva Lenore, B.A., Eh. Maine, 1915	<i>Orono</i>
Cohen, Pauline Ann, B.A., Ed. Maine, 1933	<i>Bangor</i>
Conover, Elizabeth Goodenough, B.S., Py. New York University, 1941	<i>Farmingdale, N. J.</i>
Crockett, Keith Lorimer, B.S., Ed. Gorham Normal, 1941	<i>West Rockport</i>
Daigle, Yvonne, B.S. in Ed., Ed. Maine, 1938	<i>Augusta</i>
Drinkwater, Vivian Marie, B.A., Ed. Maine, 1931	<i>Brewer</i>
Eckhardt, Margaret Gertrude, B.A., Sp. Hunter, 1936	<i>Elmhurst, N. Y.</i>
Fairbanks, Pauline Seavey, B.A., Eh. Smith, 1925	<i>Bangor</i>
George, Frances Catherine, B.S., Ed. Wilson Teachers College, 1942	<i>Washington, D. C.</i>
Grattan, William Joseph, A.B., M.A., Hy. Holy Cross, 1938; St. John's, 1940	<i>Brooklyn, N. Y.</i>
Gray, Lewis Lorenzo, A.B., Ed. Bates, 1929	<i>Mt. Desert</i>
Hannagan, Anna Gertrude, A.B., Sh. Colby, 1933	<i>Madison</i>
Huntington, Elizabeth Alling, B.S. in Ed., Ed. Rutgers, 1932	<i>Maplewood, N. J.</i>

Isbister, Neta Harmon, A.B., Ed. Colby, 1929	<i>Natick, Mass.</i>
Judkins, Esther Jean, B.S. in Ed., Eh. Maine, 1942	<i>Dixfield</i>
Just, John Frederick, B.S., Ed. U. S. Naval Academy, 1931	<i>Guilford</i>
Large, William Joseph, B.S. in Ed., Ed. Glassboro State Teachers, 1942	<i>Atlantic City, N. J.</i>
Lawrie, Christabel Finley, B.Ped., Ed. Maine, 1926	<i>Augusta</i>
Lemoine, Ruth Lancaster, B.S. in Com.Ed., Ed. Maine, 1943	<i>Bath</i>
Lindsey, Walter Kenneth, B.S., Ed. Bates, 1932	<i>Union</i>
Little, Eleanor Nightingale, B.A., M.A., Eh. Wellesley, 1909; Wisconsin, 1931	<i>Dubuque, Iowa</i>
Lord, Richard Newell, B.A., Ed. Maine, 1936	<i>Fort Fairfield</i>
Luce, George Delmont, B.S., Ed. Bates, 1930	<i>Ellsworth</i>
McAllister, Doris Ware, A.B., Eh. Bates, 1934	<i>Augusta</i>
McLean, Anne Belle, B.A., Hy. Radford, 1941	<i>Norfolk, Va.</i>
McMonagle, Edward Leo, A.B., Ed. Holy Cross, 1932	<i>Madawaska</i>
Mahoney, Willard Francis, A.B., Ed. Catholic University, 1937	<i>Toledo, Ohio</i>
Marr, Lucy Ursula, A.B., Ed. Boston University, 1930	<i>Wollaston, Mass.</i>
Mason, Ruth Brightman, B.S. in Com.Ed., Ed. Bryant College, 1940	<i>Somerset Centre, Mass.</i>
Meinecke, Charlotte Drummond, B.A., M.A., Ed. Smith, 1928; Maine, 1941	<i>New London, N. H.</i>
Mills, Katherine Coffin, A.B., Eh. Colby, 1939	<i>Farmington</i>
Moorman, Patricia, B.A., Eh. American International College, 1942	<i>Kents Hill</i>
Neipp, Ernest George, A.B., Ed. Birmingham-Southern, 1929	<i>New Britain, Conn.</i>
Nunan, Edith Andrews, B.A., Hy. Maine, 1926	<i>Farmington</i>
Palmer, Linwood Elnathan, Jr., A.B., Sh. Colby, 1942	<i>Damariscotta</i>
Perkins, Fred Lemuel, Jr., A.B., Hy. & Gt. Bates, 1942	<i>Searsport</i>
Perkins, Henry Girard, B.S., Ed. Maine, 1925	<i>Old Town</i>



Pope, Gardner Chase, A.B., Ed. Bowdoin, 1934	<i>East Machias</i>
Richmond, Stanley Edwin, B.Mus., Py. Boston University, 1932	<i>Keene, N. H.</i>
Russell, Charlotte Mitchell, B.S. in Ed., Eh. Madison College, 1934	<i>Solon</i>
Russell, John Weldon, B.S., Ed. Maine, 1932	<i>Howland</i>
Seery, Alice Dorothy, B.S., Eh. New Britain State Teachers, 1943	<i>Hartford, Conn.</i>
Sidelinger, Mabel Florence, B.S., Ed. Columbia, 1932	<i>Nobleboro</i>
Smital, Charlotte Roseann, B.A., Sh. Northern Illinois State Teachers, 1944	<i>Lombard, Ill.</i>
Smith, Ralph Stanley, A.B., Ed. Bowdoin, 1930	<i>Plainville, Mass.</i>
Snell, John Alden, B.S., Ed. Maine, 1927	<i>Hampden Highlands</i>
Stanhope, Barbara, A.B., Eh. Bates, 1942	<i>Dover-Foxcroft</i>
Storer, Clayton Alton, B.S., Ed. Maine, 1918	<i>Lee</i>
Torrey, Rita Frances, B.S., Ed. Maine, 1943	<i>Cherryfield</i>
Verow, Austin Everett, Ed. Marist College	<i>Van Buren</i>
Ward, William John, B.A., Ed. Catholic University, 1936	<i>Philadelphia, Pa.</i>
Whitcomb, Rena Dunn, B.S., Hy. & Gt. Maine, 1898	<i>Orono</i>

## SUMMER SESSION, 1944

Ames, Janice Margery	<i>Bangor</i>
Andrews, Ethel Maude	<i>Stillwater</i>
Ayer, Louise May	<i>Lincoln</i>
Babcock, Marjorie Leach	<i>Castine</i>
Bailey, Gloria Elizabeth	<i>Bangor</i>
Barstow, Althea Lillian	<i>Woodland</i>
Beathem, Alta Mayo	<i>East Millinocket</i>
Bemis, Floy M.	<i>Levant</i>
Berry, Eva Hall	<i>Portland</i>
Berryman, Mary Louise, B.A. William and Mary, 1939	<i>Norfolk, Va.</i>
Billings, Annie Marie	<i>Stonington</i>
Blake, Elizabeth Loretta	<i>New York, N. Y.</i>
Boone, Florence Ella	<i>Calais</i>
Boone, Mary Priscilla	<i>Calais</i>
Bowden, Rebecca McIntyre	<i>Blue Hill</i>
Boynton, Shasta Allbee	<i>North New Portland</i>

Bradstreet, Ethelyn	<i>Albion</i>
Braverman, Esther, B.S., M.S. Hunter, 1929; New York University, 1933	<i>Brooklyn, N. Y.</i>
Brent, Mabel Peterson, B.A. William and Mary, 1934	<i>Norfolk, Va.</i>
Brockway, Philip Judd, B.A., M.A. Maine, 1931, 1940	<i>Orono</i>
Brown, Robert Perry	<i>Madison</i>
Bryanton, Doris Crook	<i>Brewer</i>
Buker, Lou May	<i>Hallowell</i>
Bullough, Emily Janice	<i>Bangor</i>
Burke, Catherine Rosemary	<i>Bangor</i>
Burke, Mary Dorothy	<i>Bangor</i>
Burner, Richard Meredith, A.B., A.M. in Ed. Holy Cross, 1936; Clark, 1941	<i>Worcester, Mass.</i>
Cawley, Esther Carlin	<i>Bangor</i>
Chamberlain, Mildred Coffin	<i>Howland</i>
Chandler, Dorothy Mae	<i>North Anson</i>
Churchill, Llewellyn Elmo	<i>Machias</i>
Clear, Gertrude Marie	<i>Brooklyn, N. Y.</i>
Clisham, Agnes Winifred	<i>Bangor</i>
Coffin, Dora Jean	<i>Ashland</i>
Colby, Faoline Hope	<i>Danville, N. H.</i>
Colson, Avis Thayer	<i>Hampden Highlands</i>
Courtright, Mary Word	<i>Bangor</i>
Cowan, Marian Eliza	<i>Bakersfield, Vt.</i>
Coy, Marilyn Ada	<i>South Portland</i>
Crandall, Marshall Ney, II	<i>Oakfield</i>
Crouse, Opal Z.	<i>Crouseville</i>
Daigle, Cecile Claire	<i>Limestone</i>
Darraah, Alice Evelyn	<i>Bath</i>
Dartnell, Edwin Charles	<i>Milo</i>
Dartnell, Pauline Marie	<i>Milo</i>
Day, Maurice Goodwin	<i>Topsfield</i>
Deering, Jean Hieber	<i>Bangor</i>
Dickinson, Doris Nadeau	<i>Old Town</i>
Dickinson, Inez Muriel	<i>Old Town</i>
Doble, Lora Olivia	<i>Milo</i>
Doherty, Margaret Hurley	<i>Ellsworth</i>
Donovan, Madeline Mary	<i>Lewiston</i>
Drinkwater, Edna Antoinette	<i>Belfast</i>
Emmett, Stora William	<i>Old Town</i>
Enders, Nellie Helen	<i>Ancram, N. Y.</i>
Farnum, Clark Leslie	<i>Brownville</i>
Fortier, Olive Etta	<i>Ellsworth</i>
Fowler, Thomas Alton	<i>Howland</i>
Fox, Ruth Emma	<i>Bangor</i>
Garber, Irving H.	<i>Lynn, Mass.</i>
Gardner, Harriet Josephine	<i>Lubec</i>
Gardner, Lawrence Addi	<i>East Machias</i>

Garnett, Florence Evelyn	<i>Orono</i>
Gonner, Anna Marie, B.A., M.A.	<i>Dubuque, Iowa</i>
St. Mary-of-the-Woods, 1925; Columbia, 1926	
Goodwin, Martha Alice	<i>Winchendon, Mass.</i>
Gould, Mary Hamor	<i>Winterport</i>
Grattan, Winifred Lennon, A.B.	<i>Brooklyn, N. Y.</i>
Notre Dame College of Staten Island, 1941	
Gregory, Edith Doreen	<i>Calais</i>
Grey, Rena Sawyer	<i>Orland</i>
Guptille, Orville Jewett, Jr., B.S. in Ed.	<i>Howland</i>
Maine, 1934	
Hamerman, Bernice Joy	<i>New York, N. Y.</i>
Harmison, Sue Jane	<i>Romney, W. Va.</i>
Hatch, Mildred Beckwith	<i>Caribou</i>
Hedin, Constance Lowell, A.B.	<i>Bangor</i>
Vassar, 1937	
Herrick, Katherine Beatty	<i>Bangor</i>
Heyworth, Arthur	<i>Bangor</i>
Hinckley, Harriett Palmer	<i>Hinckley</i>
Hoyt, Mary Jane	<i>East Holden</i>
Huff, Alice Irene	<i>Danforth</i>
Hunt, Ruth Shesong	<i>Old Town</i>
Joslyn, Dorothy Mae	<i>Monticello</i>
Kane, Edith Sarah	<i>Brooklin</i>
Kelley, Pauline Beverly	<i>Lubec</i>
Kerin, Mary Eileen	<i>New Rochelle, N. Y.</i>
Kidder, Gertrude Cowan	<i>Hudson, N. Y.</i>
Knight, Evelyn Margaret	<i>Camden</i>
Lancaster, Elaine Gardner	<i>Bangor</i>
Leighton, Jacquelyn Rose	<i>Limestone</i>
Lincoln, Mary Paul	<i>Solon</i>
Liscomb, Helen Elsie, B.S.	<i>Hulls Cove</i>
Maine, 1931	
Long, Eugene Aaron	<i>Portland</i>
Lord, Frances Curran, B.A.	<i>Bangor</i>
Pomona, 1924	
Lund, William Melchor	<i>Machias</i>
McAllister, Muriel Anne	<i>Augusta</i>
McCrudden, Louise Esther	<i>Beverly, N. J.</i>
McCurdy, Marion Florence	<i>Lubec</i>
MacDougall, Mary Blanche	<i>Bangor</i>
McGehan, Eleanor Louise	<i>East Hartford, Conn.</i>
McLaughlin, Ellie	<i>Waldoboro</i>
McPartlin, Wilfrid Katharine, A.B.	<i>Chicago, Ill.</i>
Chicago, 1908	
Marco, Mary Sara	<i>Dorchester, Mass.</i>
Mauzy, Bess Claire, B.A.	<i>Norfolk, Va.</i>
William and Mary, 1939	
Meisner, Vella Eloise	<i>Farmington</i>
Mitchell, Freda Myrtle	<i>White Plains, N. Y.</i>

Mixer, Florence Evelyn	<i>Stonington</i>
Moore, Rosilla Jane	<i>Macwahoc</i>
Mustapha, Jennie Elizabeth, A.B., M.A. Howard, 1929; Columbia, 1934	<i>Washington, D. C.</i>
Najarian, Rose Ruth, B.S., M.A. Trenton State Teachers, 1934; New York University, 1942	<i>North Bergen, N. J.</i>
Neumann, Lussia	<i>New York, N. Y.</i>
Nickerson, Frances Marian	<i>Bangor</i>
Olmsted, Mae Higgins	<i>Charleston</i>
Parker, Lois Althea	<i>Lubec</i>
Parsons, Irene Guppy	<i>East New Portland</i>
Pavey, Cecil Ann	<i>Forest Hills, N. Y.</i>
Perry, Harry McNaughton	<i>Bangor</i>
Pettengill, Violet Knight	<i>Mattawamkeag</i>
Ramsay, Elizabeth Sellers, B.S. Pennsylvania State College, 1930	<i>Altoona, Pa.</i>
Ramsay, Ruthella Templeton, B.S., M.S. Pennsylvania State College, 1923, 1929	<i>Altoona, Pa.</i>
Reid, Mary Louise	<i>Bangor</i>
Rivette, Emma, A.B., M.A. New Jersey College for Women, 1936; New York University, 1941	<i>Union City, N. J.</i>
Robertson, Erma Llewellya	<i>Greenville Junction</i>
Rogers, Donald Sargent	<i>Dennysville</i>
Rogge, Grace Esther	<i>Paterson, N. J.</i>
Rollins, Dorothy Grace	<i>Farmington</i>
Round, Lizzie Ethelyn	<i>Enfield</i>
Russell, Doris	<i>Schroon Lake, N. Y.</i>
Ruth, Ruby Alfreda	<i>Bangor</i>
Salisbury, Patricia Walker	<i>Worcester, Mass.</i>
Sawyer, Milford George	<i>Presque Isle</i>
Schukoske, Dorothy	<i>Meriden, Conn.</i>
Scribner, Robert Lawrence	<i>Bangor</i>
Sirles, Dorothy Hartz	<i>Lubec</i>
Small, Laurence Farnsworth	<i>Blue Hill</i>
Smith, James Albert	<i>West Brooksville</i>
Smith, Priscilla Marcia	<i>Orono</i>
Smith, Rena Alice	<i>Skowhegan</i>
Smith, Sibyl Russell, B.S. Maine, 1916	<i>Orono</i>
Snelling, Robert Archibald	<i>Bangor</i>
Spires, Gertrude Florence	<i>Calais</i>
Sprague, Barbara Ellen, B.S. Farmington Normal, 1944	<i>Popham Beach</i>
Stairs, Annette Elizabeth	<i>Stillwater</i>
Stairs, Ina Eugina	<i>Stillwater</i>
Stritch, Marjorie Edith	<i>Sanford</i>
Taylor, Janet Ethel	<i>Westfield</i>
Thompson, Julian Page	<i>Bangor</i>

Valliere, Ruth Mae	<i>Skowhegan</i>
VanNostrand, Charles Edmund, B.S., A.M. Cornell University, 1937; Columbia, 1938	<i>Damariscotta</i>
Waterman, Marion Rich	<i>Auburn</i>
Watson, Carline Wilda	<i>Bangor</i>
Watts, Eva Evelyn	<i>Marion, Mass.</i>
Wentworth, Marjorie Lee	<i>Bangor</i>
Wetherell, Bertha Henderson, B.A. Stetson, 1940	<i>Daytona Beach, Fla.</i>
White, Katherine Lila	<i>Brewer</i>
Wilson, Elaine Frances	<i>Milbridge</i>
Witham, Walter Herbert	<i>Bangor</i>
Wright, Emily Palmer, B.S. Mary Washington, 1930	<i>Norfolk, Va.</i>

## POST-SESSION, 1944

## STUDENTS REGISTERED FOR GRADUATE CREDIT

Adams, Ivan Edwin, A.B., Ed. Aurora, 1925	<i>Southwest Harbor</i>
Albert, George Maxim, B.S., Pe. Gorham Normal, 1940	<i>Cape Cottage</i>
Beverage, Wentworth Ernest, B.S., Ed. Maine, 1935	<i>Oakland</i>
Byrnes, Patricia Josephine, A.B., Ed. Rosemont College, 1933	<i>Bangor</i>
Chase, Edith Foss, B.S., Ed. Gorham Normal, 1939	<i>Eliot</i>
Christie, Lindon Edwin, B.S., M.Ed., Ed. Colby, 1930; Maine, 1940	<i>Cornish</i>
Chynoweth, Anna Janes, A.B., M.Ed., Ed. Ohio Wesleyan, 1925; New Hampshire, 1937	<i>Machias</i>
Cohen, Pauline Ann, B.A., Ed. Maine, 1933	<i>Bangor</i>
Crocker, Richard Foster, B.S., Ed. Maine, 1914	<i>Fort Kent</i>
Crockett, Keith Lorimer, B.S., Ed. Gorham Normal, 1941	<i>West Rockport</i>
Davis, Nancy Buffington, B.S., Ed. University of North Carolina, 1944	<i>Norfolk, Va.</i>
Drinkwater, Vivian Marie, B.A., Ed. Maine, 1931	<i>Brewer</i>
Emery, Theodore Prescott, A.B., Ed. Colby, 1927	<i>Bethel</i>
Erskine, Maxwell McLean, B.A., Ed. Maine, 1924	<i>Canaan</i>
Fitz, Doris Isadora, B.S., Ed. Boston University, 1941	<i>Auburn</i>

- |   |                             |
|---|-----------------------------|
| Fitzpatrick, Don Earl, B.S., Ed.<br>Boston University, 1927                 | <i>Wytopitlock</i>          |
| George, Frances Catherine, B.S., Ed.<br>Wilson Teachers College, 1942       | <i>Washington, D. C.</i>    |
| Gilman, Stanwood Cushing, B.S. in Ed., Ed.<br>Boston University, 1933       | <i>Sebasco Estates</i>      |
| Goodwin, Merle Stanley, B.S., Ed.<br>Maine, 1937                            | <i>East Eddington</i>       |
| Gregory, Gardiner Emerson, A.B., Ed.<br>Colby, 1939                         | <i>Milo</i>                 |
| Hayes, Harry Thomas, B.A., Pe.<br>Holy Cross, 1941                          | <i>Portland</i>             |
| Higgins, Howard Stover, LL.B., B.B.A., Ed.<br>Boston University, 1931, 1932 | <i>Ellsworth</i>            |
| Holman, Lyman, B.S., Ed.<br>Bates, 1933                                     | <i>Dixfield</i>             |
| Huntington, Elizabeth Alling, B.S. in Ed., Ed.<br>Rutgers, 1932             | <i>Maplewood, N. J.</i>     |
| Ingalls, Hollis Page, B.S., Ed.<br>Maine, 1935                              | <i>Bingham</i>              |
| Kent, Frank Holmes, B.S. in Ed., Ed.<br>Maine, 1939                         | <i>Milford</i>              |
| Knight, Evelyn Bertha, B.S., Ed.<br>Farmington Normal, 1937                 | <i>Westbrook</i>            |
| Large, William Joseph, B.S. in Ed., Ed.<br>Glassboro State Teachers, 1942   | <i>Atlantic City, N. J.</i> |
| McDonald, Frank James, B.S., Ed.<br>Maine, 1926                             | <i>Lee</i>                  |
| McGaughy, Clifford Joseph, B.S., M.A., Ed.<br>Colby, 1929; Maine, 1938      | <i>Washburn</i>             |
| McMonagle, Edward Leo, A.B., Ed.<br>Holy Cross, 1932                        | <i>Madawaska</i>            |
| MacLeod, Ronald F., A.B., Ed.<br>Colby, 1939                                | <i>Gardiner</i>             |
| Mahoney, Emma Marie, B.S. in Ed., Ed.<br>Boston University, 1931            | <i>Farmington</i>           |
| Mann, Bernard Jerome, B.A., M.A., Ed.<br>Maine, 1933, 1940                  | <i>Bangor</i>               |
| Mantor, Agnes Parlin, B.S. in Ed., Ed.<br>Boston University, 1924           | <i>Farmington</i>           |
| Marston, Leslie Pembroke, B.S. in Ed., Ed.<br>Maine, 1943                   | <i>Westbrook</i>            |
| Nickerson, Kermit Spearin, A.B., M.A., Ed.<br>Dartmouth, 1926; Maine, 1935  | <i>Oakland</i>              |
| Nunan, Justin Leavitt, B.P.E., Ed.<br>Springfield College, 1928             | <i>Sanford</i>              |
| O'Connor, Charles Eugene, B.A., Ed.<br>Maine, 1936                          | <i>Orono</i>                |
| Pearl, Warren, A.B., Ed.<br>Colby, 1940                                     | <i>Waldoboro</i>            |

Perkins, Fred Lemuel, Jr., B.A., Hy. Bates, 1942	<i>Searsport</i>
Plummer, Lawrence Crosby, B.S., Ed. Maine, 1941	<i>Waldoboro</i>
Powell, Floyd Llewellyn, B.S. in Ed., Ed. Maine, 1935	<i>Fort Kent</i>
Richmond, Stanley Edwin, B.Mus., Py. Boston University, 1932	<i>Keene, N. H.</i>
Robinson, Glenn Meredith, B.S. in Ed., Ed. Maine, 1940	<i>Greenville</i>
Torrey, Rita Frances, B.S. in Ed., Ed. Maine, 1943	<i>Cherryfield</i>
Whitney, Barbara Elizabeth, B.S., Ed. Gorham Normal, 1941	<i>Farmington</i>
Wieden, Clifford O. T., B.S., M.Ed., Ed. Acadia, 1923; Bates, 1934	<i>Machias</i>
Worcester, Frank Clark, B.A., Ed. Maine, 1920	<i>Winterport</i>

## POST-SESSION, 1944

Allen, Georgia Farnsworth	<i>Woodland</i>
Amatruda, Flora Olga	<i>Bangor</i>
Andrews, Roland Butterfield, B.S., M.Ed. Colby, 1928; Maine, 1941	<i>Presque Isle</i>
Arau, Teresa Lucine	<i>Camden</i>
Bagley, Laurence Pierce, A.B., M.A. Bates, 1926, 1937	<i>Island Falls</i>
Bailey, Evelyn Maud	<i>Camden</i>
Barlow, Vivian Mary	<i>East Andover</i>
Barnard, Cordelia Snow	<i>Camden</i>
Barstow, Althea Lillian	<i>Woodland</i>
Bartlett, Margaret Loena	<i>Windsorville</i>
Beal, Ruth Constance, A.B. Bates, 1941	<i>Caribou</i>
Bennett, Maxine Marion	<i>Brewer</i>
Billings, Roydon Herman	<i>Milford</i>
Blake, Audrey Haskell	<i>Oakland</i>
Blake, Florence Watt	<i>Ashland</i>
Blake, Verna Smith	<i>Princeton</i>
Blanchette, Bertha Cordelia	<i>Eagle Lake</i>
Boone, Florence Ella	<i>Calais</i>
Boone, Mary Priscilla	<i>Calais</i>
Bowden, Lilla McIntyre	<i>Blue Hill</i>
Bowden, Raymond Dwelley	<i>Rockland</i>
Bowie, Dorothy Mabel	<i>Auburn</i>
Boyce, Marion Hodgkins	<i>Temple</i>
Bradbury, Mabel Johnstone	<i>Sanford</i>
Brewer, Freeman Earl	<i>Orono</i>

Brown, Paul Jacob, A.B., M.E. Cedarville, 1928; Boston University, 1932	<i>Stonington</i>
Brown, Robert Perry	<i>Madison</i>
Buker, Lou May	<i>Hallowell</i>
Cannell, Jackson Livingston, A.B. Dartmouth, 1920	<i>Kittery Point</i>
Carson, Ernestine Averill	<i>Hartland</i>
Chase, Ella Clifford	<i>Limington</i>
Christopher, Dorothy Alyce	<i>Old Town</i>
Churchill, Margaret Stevens	<i>Houlton</i>
Clancey, Marguerite Hilda	<i>Orono</i>
Clark, Elizabeth Inez	<i>South Brewer</i>
Clewley, Pauline Louise	<i>Brewer</i>
Clifford, Harold Burton, A.B., M.A. Bates, 1916, 1941	<i>Boothbay Harbor</i>
Closson, Grace Higgins	<i>Ellsworth</i>
Cole, Mildred Harmon	<i>Falmouth</i>
Collins, Elizabeth Frances	<i>Bath</i>
Connor, Thomas James	<i>Portland</i>
Cook, Harriet Amelia	<i>Presque Isle</i>
Cunningham, Doris Alberta	<i>Stillwater</i>
Cunningham, Ruth Eleanor	<i>Milford</i>
Cyr, Alice	<i>Madawaska</i>
Davenport, Galena Ferne	<i>Limestone</i>
Davis, Gertrude Vicerah	<i>Hartland</i>
Davis, Marjorie Nason	<i>Brownville</i>
Day, Lettie Madoline	<i>West Paris</i>
Dealy, Margaret Mary	<i>Lewiston</i>
Doble, Lora Olivia	<i>Milo</i>
Dodge, Grace Luscombe	<i>Boothbay</i>
Doherty, Margaret Hurley	<i>Ellsworth</i>
Donovan, Wallace Alfred, B.S. Colby, 1931	<i>Waterville</i>
Dority, Reginald Harvard	<i>Princeton</i>
Dresser, Irene Littlefield	<i>Kennebunk</i>
Elliott, Barbara Gray	<i>Auburn</i>
Emery, Doris Pelkie	<i>Hartland</i>
Estey, Mildred Ford	<i>Ellsworth</i>
Everett, Marjorie Louise	<i>Presque Isle</i>
Farmer, Gwendolyn Anita	<i>East Boothbay</i>
Farrar, Jessie Boynton	<i>Manset</i>
Fennelly, Mildred Salisbury	<i>Northeast Harbor</i>
Fickett, Anne Louvera	<i>Newport</i>
Flood, Eva Belle	<i>Alexander</i>
Franklin, Margaret Brown	<i>Ellsworth</i>
Franklin, Mary Eunice	<i>Ellsworth</i>
French, Alta Ellis	<i>North Anson</i>
Frye, Doris Smith	<i>Camden</i>
Garcelon, Blanche Smith	<i>East Corinth</i>
Gardner, Lawrence Addi	<i>East Machias</i>



Gillis, Minnie Nesbit	<i>Calais</i>
Gilman, Stella Booker	<i>Brewer</i>
Goodwin, Edna Libby	<i>Ellsworth</i>
Gray, Alvra Darrell, A.B., A.M. Columbia, 1922, 1932	<i>Waldoboro</i>
Gray, Fanny Esther	<i>Waldoboro</i>
Green, Martha Agnes	<i>Dover-Foxcroft</i>
Gregory, Edith Doreen	<i>Calais</i>
Grindle, Dana Royal	<i>Milo</i>
Guptill, Anita Pearle	<i>Portland</i>
Hall, Hazel Blanche	<i>Calais</i>
Ham, Eula Averill	<i>Springfield</i>
Hanscom, Glenace Althea	<i>Springfield</i>
Hanscom, Josephine Thorpe	<i>Fairfield</i>
Hanson, Betty Robinson	<i>Westbrook</i>
Hanson, Edna Mae	<i>Presque Isle</i>
Harding, Theoda Plummer	<i>Mechanic Falls</i>
Harriman, Flora Burgess	<i>Hampden</i>
Harriman, Lester Boardman, B.S. Bates, 1921	<i>Ashland</i>
Hatch, Mildred Beckwith	<i>Caribou</i>
Henry, Alice Janet	<i>Thomaston</i>
Heyworth, Arthur	<i>Bangor</i>
Hincks, Edward Winslow, Ph.B., Ed.M. Brown, 1915; Harvard, 1927	<i>Mars Hill</i>
Hoit, Lura Elizabeth	<i>Hampden Highlands</i>
Holden, Ella Berle	<i>Madison</i>
Holmes, Helena Elizabeth	<i>Lewiston</i>
Hopkins, Helen Adelaide	<i>Bucksport</i>
Hoyt, Rachel Elzina	<i>Easton</i>
Huff, Alice Irene	<i>Danforth</i>
Huff, Jean Keirstead, B.A., M.A. Maine, 1931, 1942	<i>Old Town</i>
Huff, Roy Clifton	<i>Old Town</i>
Janes, Mary Laura	<i>Newport, R. I.</i>
Jenkins, William Henry, B.S. in Ed., M.Ed. Maine, 1935, 1940	<i>Fort Fairfield</i>
Jowdry, Earle Edward	<i>Brownville</i>
Judkins, Eshburn Oscar, B.S., M.Ed. Maine, 1923; Bates, 1938	<i>North Anson</i>
Kelley, Marguerite Eleanor	<i>Bingham</i>
Kilton, Adelaide Trafton	<i>Machiasport</i>
Kimball, Geraldine	<i>Machias</i>
King, Elizabeth Wiggin	<i>Ellsworth</i>
Knaide, Margery Elizabeth	<i>Bangor</i>
Knight, Evelyn Margaret	<i>Camden</i>
Lee, Marjorie Elizabeth, B.S. New York University, 1932	<i>Danforth</i>
Lee, Romie Lois	<i>Stillwater</i>
Levesque, Lorina Marie	<i>Caribou</i>

Libby, Edythe Philbrick  
 Libby, Pearle Gerrish  
 Libby, Stella Leonard  
 Luce, Henrietta Catherine  
 Lydic, Vivian Vern  
 McAllister, Muriel Anne  
 McCaslin, Annie  
 McFarlane, Leona Isabelle  
 McGehan, Eleanor Louise  
 McGraw, Earl Cranston, B.A., M.A.

    Maine, 1922; Bates, 1927

McKenney, Eleanor Vida  
 McLean, Christine  
 McLean, Helen  
 Marston, Grace Dunton  
 Meservey, Mabelle Davis  
 Miller, Austin Wallace  
 Mixer, Florence Evelyn  
 Moulton, Paulina Etta  
 Neumann, Lussia  
 Newton, Frances Dow  
 Nye, Warren Everett  
 O'Neil, Paul Hugh  
 Palmer, Winona Young  
 Parsons, Marion Stuart  
 Patterson, Caroline Annie  
 Patterson, Estella Mae  
 Perry, Helen Dalzell  
 Porter, Cora Moran  
 Pratt, Edna LaFon  
 Pratt, May Jeannette  
 Pullen, Horace Mann, A.B.

    Colby, 1911

Raymond, Donald Stanton  
 Read, Mary Wright  
 Rideout, Eva May  
 Ridley, Glenis Marie  
 Robbins, Ralph Elson  
 Robichaud, Vincent, M.A.

    Boston College, 1943

Rogers, Donald Sargent  
 Russell, Lois Adams  
 Sawyer, Milford George  
 Sharpe, Margaret Hopkins  
 Shaw, Hazel Mae  
 Sherman, Abbie Kendall  
 Sias, Louise Marion  
 Simonson, Hazelteen Watts  
 Sleeper, Lora Gove  
 Smith, Violet Estelle

Hartland  
 Milford  
 South La Grange  
 Ellsworth  
 Danforth  
 Augusta  
 Bucksport  
 Millinocket  
 West Hartford, Conn.  
 Hampden

Kittery  
 Easton  
 St. Albans  
 Westbrook  
 Appleton  
 Waldoboro  
 Stonington  
 Sanford  
 New York, N. Y.  
 Windsor  
 Old Town  
 Hudson, N. H.  
 Norway  
 Bangor  
 Madison  
 Houlton  
 Rockland  
 Presque Isle  
 Brunswick  
 Boothbay Harbor  
 Danforth

Bangor  
 Belfast  
 Camden  
 Mechanic Falls  
 Gardiner  
 Van Buren

Dennysville  
 Farmington Falls  
 Presque Isle  
 Fort Fairfield  
 Mars Hill  
 Hampden Highlands  
 Turner Center  
 Clinton  
 Sherman Mills  
 Southport

Snow, Mary Louise	Portland
Spaulding, Albert Alonzo	Caribou
Spires, Gertrude Florence	Calais
Steen, Marjorie Althea	Sherman
Steward, Rebecca Pennell	Corinna
Storey, Bertha Estelle	South Portland
Storey, Mabel Frances	South Portland
Story, Raymond Henry	Waterville
Suomi, Into Matt	Bangor
Thayer, Mildred Natalie	Brewer
Thompson, Doris Dexter	Atlanta, Ga.
Thompson, Julian Page	Bangor
Tracy, Anna May	Danforth
Trueworthy, Ruth Christabel	Bath
Valliere, Ruth Mae	Skowhegan
Van Meter, Louise Mary	South Weymouth, Mass.
Walden, Pearl Virginia	Camden
Walker, Pauline Cecelia	Orono
Walker, Susie Thompson	Naples
Walsh, Mary Anne	Bangor
Warren, Dorothy Margaret	Dover-Foxcroft
Watts, Evelyn Louise	Roque Bluffs
Weir, Charles Stanley	Westbrook
West, Cora Martha	Kesar Falls
White, Katherine Lila	Brewer
Whitehouse, Clara Elizabeth	Auburn
Williams, Madeline Frances	Waite
Wilson, Doris Frances	Belfast
Witham, Walter Herbert	Bangor
Wixson, Florence Bowden	Waterville
Wright, Elinor Harmon	South Portland
Young, Sara Ross	Camden
Zippel, Eva Hoyt	Presque Isle

# Summary of Student Enrollment

1944-45

	Men	Women	Total
Graduates	8	9	17
Seniors	38	97	135
Juniors	18	101	119
Sophomores	54	164	218
Freshmen	157	288	445
Specials	31	23	54
Two-Year Agriculture	1	—	1
	<hr/>	<hr/>	<hr/>
	307	682	989
Summer Session	50	165	215
Post-Session	73	172	245
	<hr/>	<hr/>	<hr/>
Grand Total (omitting duplicates in Summer Session and Post-Session)	409	976	1385

## CLASSIFICATION BY COLLEGES

Graduate Study	8	9	17
College of Agriculture	50	158	208
College of Arts and Sciences	88	483	571
College of Technology	155	12	167
School of Education	6	20	26
	<hr/>	<hr/>	<hr/>
	307	682	989

## CANDIDATES FOR DEGREES

Graduate Study	8	9	17
College of Agriculture	45	150	195
College of Arts and Sciences	69	397	466
College of Technology	149	12	161
School of Education	4	17	21
	<hr/>	<hr/>	<hr/>
	275	585	860

## CLASSIFICATION BY RESIDENCE

Maine, by counties	Regular Session	Summer Session	Post Session	Total
Androscoggin	52	2	8	62
Aroostook	69	13	30	112
Cumberland	101	2	16	119
Franklin	16	4	5	25
Hancock	38	11	14	63
Kennebec	48	6	10	64
Knox	18	3	11	32
Lincoln	10	4	10	24
Oxford	30	1	5	36

*University of Maine*

Penobscot	313	53	40	406
Piscataquis	19	6	7	32
Sagadahoc	14	3	3	20
Somerset	29	9	13	51
Waldo	29	3	3	35
Washington	43	17	16	76
York	29	—	10	39
	<u>858</u>	<u>137</u>	<u>201</u>	<u>1196</u>

	Regular Session	Summer Session	Post Session	Total
Maine	858	137	201	1196
Massachusetts	77	9	1	87
New York	10	13	—	23
New Jersey	11	6	—	17
Connecticut	7	4	—	11
New Hampshire	4	2	1	7
Virginia	—	6	1	7
Pennsylvania	2	4	—	6
District of Columbia	1	3	—	4
Illinois	2	2	—	4
Maryland	3	—	—	3
Florida	1	1	—	2
Iowa	—	2	—	2
Ohio	2	—	—	2
Rhode Island	1	—	1	2
Vermont	1	1	—	2
Georgia	1	—	—	1
Idaho	1	—	—	1
Michigan	1	—	—	1
Minnesota	1	—	—	1
North Carolina	1	—	—	1
Washington	1	—	—	1
West Virginia	—	1	—	1
Canada	2	—	—	2
Venezuela	1	—	—	1
	<u>989</u>	<u>191</u>	<u>205</u>	<u>1385</u>

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