

# UNIVERSITY OF MINNESOTA

Winter Quarter

*Commencement Exercises*

1947



NORTHROP MEMORIAL AUDITORIUM  
THURSDAY EVENING, MARCH TWENTIETH  
AT EIGHT O'CLOCK

# PROGRAM

PRESIDENT JAMES LEWIS MORRILL, Presiding

## ORGAN MUSIC—(Seven-thirty oclock)

Pièce Heroique	- - - - -	Franck
Adagio from the Toccata in C	- - - - -	Bach
Two Choral Preludes	- - - - -	Bach
Jesu, meine Freude		
Wachet auf		
Offertory on "O Filii et Filiae"	- - - - -	Guilmant

PROCESSIONAL—Electa ut Sol - - - - - Dallier

ARTHUR B. JENNINGS  
University Organist

## PRESENTATION OF COLORS

### NATIONAL ANTHEM—"The Star-Spangled Banner"

Oh, say, can you see, by the dawn's early light,  
    What so proudly we hail at the twilight's last gleaming,  
Whose broad stripes and bright stars, thro' the perilous fight,  
    O'er the ramparts we watched, were so gallantly streaming?  
And the rockets' red glare, the bombs bursting in air,  
    Gave proof thro' the night that our flag was still there.  
Oh, say, does that star-spangled banner yet wave  
    O'er the land of the free and the home of the brave?

## INVOCATION

THE REVEREND GEORGE P. CONGER, B.D., Ph.D.  
Professor of Philosophy, University of Minnesota

## COMMENCEMENT ADDRESS—

"Ideas for Individuals"

FREDERICK L. HOVDE, B.Ch.E., Minn., LL.D., D.Sc.  
President, Purdue University

# CONFERRING OF DEGREES

JAMES LEWIS MORRILL, LL.D.

President of the University

## SONG—"Hail Minnesota!"

Minnesota, hail to thee!

Hail to thee, our College dear!

Thy light shall ever be

A beacon bright and clear;

Thy sons and daughters true

Will proclaim thee near and far;

They will guard thy fame

And adore thy name;

Thou shalt be their Northern Star.

Like the stream that bends to sea,

Like the pine that seeks the blue!

Minnesota, still for thee,

Thy sons are strong and true.

From thy woods and waters fair,

From thy prairies waving far,

At thy call they throng,

With their shout and song,

Hailing thee their Northern Star.

## RECESSIONAL—

Allegro Moderato from the First Sonata - - - Mendelssohn

ARTHUR B. JENNINGS

University Organist

(The audience will remain until those in academic costume  
have left the hall)

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### SMOKING

As a courtesy to those attending functions, and out of respect for the character of the building, be it resolved by the Board of Regents that there be printed in the programs of all functions held in the Cyrus Northrop Memorial Auditorium a request that smoking be confined to the outer lobby on the main floor, to the gallery lobbies, and to the lounge rooms.

## CANDIDATES FOR GRADUATION

Subject to the completion of all curriculum requirements at the close of the winter quarter, degrees will be conferred as indicated on those listed below and upon such others as may meet the graduation requirements.

### GENERAL COLLEGE

#### ASSOCIATE IN ARTS

WILLIAM LAW ARCHBOLD  
ARDIEN CURWOOD ARONSON  
JOHN JOSEPH BAHNAK  
ALWARD MOORE BAKER, JR.  
HAROLD BARTKO  
WERNER LLOYD BAUER  
CAROLINE JUNE WICKSTROM BECKER  
HENRY MARVIN BERG  
DALE HARVEY CHAPIN  
JOHN NEWELL CHILDS  
HARLAN HAROLD DAVIS  
JOANNE MARY DOUGALL  
MELVIN GLENN ENGELBRETSON  
WILLIAM CARLYLE GASKILL  
ROBERT ERWIN GEIGER  
MICHAEL J. GERAGHTY  
LOIS MAY GIEFER  
HUGH RICHARD GILLARD  
PHYLLIS MAE GINSBERG  
PHILLIP GLECKMAN  
DOROTHY BELLE GROH  
MARK ALLEN HAGEN  
JAMES ARTHUR HANSEN  
JOHN LESLIE HARPER  
BETTY MAE HORNIBROOK  
CHARLES WILLIAM JOHNSON  
JAY ROBERT KALLESTAD

RAYMOND HUBERT KASPER  
ALLEN JOSEPH KAUFENBERG  
GERALD CYRIL KAUFMAN  
BEVERLY ELAINE KERSCH  
JOHN PETER KOHNKE, JR.  
CORINNE NATALIE LEVY  
BURTON JOHN LIED  
JOHN DONALD McCAMPBELL  
CORENE MARILYN MILSTEIN  
NEAL HENRY NELSON  
RAYMOND JOHN PROSOSKI  
HENRY CALVIN REGET  
JOYCE SAVITT  
STANLEY GROVER SCOTT  
IDELLE ANN SEZER  
FRED DURFEY SHERMAN, JR.  
BETTE LOU CARRIE SKARNES  
HARVEY SOLON  
DENO GEORGE SOTOS  
MAX RUSSELL TREU  
ALLEN THOMAS VADNAIS  
DENTON MILES VARS  
PATRICIA MARIE WEED  
HAROLD STANLEY WESTERHOLM  
JOAN KATHERINE WHITMORE  
WARREN WESTON WILSON

### COLLEGE OF SCIENCE, LITERATURE, AND THE ARTS

#### ASSOCIATE IN LIBERAL ARTS

MARIAN CARPENTER  
PAUL LAURANCE CHELL  
GLENN WILLIAM ERICKSON  
BEVERLY ELAINE FINE  
WALLACE ORVAL NELSON

ARTHUR CHARLES ROEMER  
PATRICIA ANN STEINERT  
LOUIS LESTER TALBOT  
MARION ZACHER

**MEDICAL SCHOOL**  
**GRADUATE IN NURSING**

These degrees are conferred as of March 20, 1947, subject to the satisfactory completion of nursing practice prior to June 13, 1947.

ROSALIND ADAMS, B.Ed.  
JANET LOUISE AMICK  
HELEN TOMPKINS BRANTON  
DELPHIE CHRISTINE BRATTLUND  
EVELYN DOROTHY CARLSON  
HELEN AHRENS CLAPP  
JOSEPHINE READ DEDOLPH  
JUNE CATHERINE GOLDER  
DELORES MAE HANSON  
ALICE HELEN HILL  
AUDREY ELAINE KAPLAN

KATHERINE MAHONEY  
BARBARA A. MELLA  
DONNA JANE ROCKEY  
MARGERY RUTH SHANAFELT  
HELEN LORAIN SOHNER, A.L.A.  
MARY ANNE STAFFORD  
ODNEY SWENSON STEINKRAUS  
MONA TAKAO  
YONEKO GRACE YAMADA  
MARGARET DOROTHY MARIE  
YOUNGDALE

This degree is conferred as of June 13, 1947, subject to the satisfactory completion of six months' service as senior cadet nurse in a federal hospital, prior to December 18, 1947.

JOAN ELAINE ALGER

**COLLEGE OF SCIENCE, LITERATURE, AND THE ARTS**

**BACHELOR OF ARTS**

†magna cum laude

JAMES CLINTON FERGUSON  
BETTY GOETZ, A.A.  
ZERL VIVIAN FRIE JOHNSON  
MARJORIE KATHERINE KIRSCHNER

ROBERT MARVIN KOZELKA  
JOHN PETER NASOU  
JANET CHRISTINE WESTERMAN

**BACHELOR OF ARTS**

†cum laude

MARGARET HELINE BRANT  
FANNY HOFFER  
LOIS ANN JOSEWICH  
MARILYN RUTH JOSEWICH  
ADELINE MARIA KLAMM  
BERNARD MARDER

WARREN PAUL MILD  
HELEN ELIZABETH PAULSON  
LAWRENCE HERBERT PETERSON  
RUTH PHILIPPSTHAL  
FLORENCE IMOGENE PIZINGER  
WILLIAM ROBERT STRATTON

**BACHELOR OF ARTS**

MONICA FRANCES ANDERSON  
RONALD LESLIE ANDERSON  
MARILYN LOUISE ARNOLD  
ROBERT EARL ARNOLD  
CLIFFORD SAMUEL ASHMUN  
SALLY ELAINE AUGUST  
CHARLES MARTIN BOOTH  
THOMAS WILLIAM BRIERE  
NANCY LEE BRISCOE

RICHARD THOMAS BRISTOL  
BETTY ANNE CALMENSON  
JANE CAMPBELL CHAMBERLAIN  
WILLIAM HUGHES CLAPP  
MARJORIE KENFIELD COLMAN  
JOHN ARTHUR CUNNINGHAM  
HOPKINS CAIRNS CUSHING  
CAROL CHRISTINE DARROW  
MARILYN LOUISE DEAN

† Candidates graduating with honors are identified by differentiated shoulder insignia.

CHESTER MOWBRAY DES ROCHERS  
EARL EDMOND DOMBROSS  
ELIZABETH ANNE EDWARDS  
ROBERT FREDERICK FLIS, A.A.  
WILLIAM FREDELL  
GERALD HERBERT FRIEDEL  
TRUMAN E. HALVORSEN  
CURTIS TUFT HARRIS  
CARL JOSEPH HEINEN  
JAMES E. HOUSKA  
OMAR HENRY HOVERSTEN  
ROBERT LEONARD JEVNE  
RODNEY JAMES KELLAR  
SUZANNE VIVIAN SATTERLEE KENNON  
EDWARD JOSEPH LAFAVE, JR.  
GRACE ETHEL LATZ  
LINTON RUDOLPH LEHRER  
ROBERT WALTER LINDVALL  
JEANETTE ETTA MALINSKY  
PAUL JOHN MARMESH  
LEONA MAY MARTIN  
DONALD WAYNE MERRIMAN  
VIOLET ORRIE MOORE  
DORIS MAY MORNHINWEG  
HARLAND B. MOULTON  
MARY ELIZABETH NELSON  
MARY ANN ELIZABETH NESHEIM

EDWIN HENRY NIXON  
ELAINE BLANCHE OBERG  
BARBARA JANE OCKEN  
PAUL AUGUST OMAN, Th.B.  
ALLAN CARY ORENSTEEN  
BARBARA SHIRLEY ORENSTEIN  
JOYCE VERNETTE OSTLUND  
JULIUS PAUL  
ESTHER MARILYN DICKSON PICCARD,  
B.S.  
GORDON BISHOP PLAYMAN  
GEORGE ALEXANDER POMMER  
ROSEMARY ELAINE SCHROEDER  
LOUANNE SHELDON  
SYBIL ARLENE STEPHENS  
CHARLES CLAIR SWANSON  
CHARLES BRIGGS SWENINGSEN  
DONALD EVERETT SWISHER  
JOHN OWEN THOMAS  
NOLAN ALDEN WATSON  
ARTHUR EDWARD WEISBERG  
LOUISA ANN WETHERBEE  
JACK RICHARD WILLIAMS  
DONALD EUGENE WILSON  
MARLYS JUNE YOUNGDALE  
HELEN EILEEN HANSEN ZAMJAHN  
EDWARD ZWASKA

#### BACHELOR OF SCIENCE

ROBERT EARL DOBBS  
WILLIAM EVERETT ROBERTS

SCOTT DAVID WALTON

#### BACHELOR OF SCIENCE

*In Library Science*

HAZEL VIOLET WARD, B.A.

#### INSTITUTE OF TECHNOLOGY

##### BACHELOR OF CIVIL ENGINEERING

†with high distinction

NORMAN ROBERT ZIEMKE

##### BACHELOR OF ELECTRICAL ENGINEERING

†with high distinction

CARL VERNON CARLSON

JOHN JOSEPH McHUGH

† Candidates graduating with honors are identified by differentiated shoulder insignia.

## BACHELOR OF AERONAUTICAL ENGINEERING

†with distinction

GERALD ALLAN BUSCH  
EARL ROBERT HINZ  
ALDEN JOHN MOOERS

DUANE ROBERT WALLIN, B.S. in  
Naval Technology

## BACHELOR OF CIVIL ENGINEERING

†with distinction

JOHN ALBERT AXELSON, A.S.  
QUENTIN CHARLES EYBERG

JOHN GORDON MORRIS

## BACHELOR OF ELECTRICAL ENGINEERING

†with distinction

RUSSELL JOSEPH CASSUTT

## BACHELOR OF MECHANICAL ENGINEERING

†with distinction

JAMES FREDERICK SULLIVAN, B.S. in Naval Technology

## BACHELOR OF AERONAUTICAL ENGINEERING

ALBERT WARREN BEISANG, JR.  
ALAN WILLIAM BRUNSELL  
WOODROW LUVERNE COOK  
CHARLES FRANCIS COONS  
CURTIS LEE FRITZ, B.S. in Naval  
Technology  
KENNETH IVERSON GRINA  
A. SIDNEY HANSON, JR.  
ROBERT SPRAU HEDIN  
JACK ZANE HURTIG  
HAROLD JAMES LARSON, JR.  
EDWARD ELMORE LEACH  
ARTHUR BRUCE NEPPLE

EARL BENJAMIN OLSON  
HARRIMAN EDMOND REYNOLDS  
JAMES WILEY SHERRICK  
ROBERT EARL SPRINGER  
DWAYNE EVAN STRANDBERG, B.S. in  
Naval Technology  
KENNETH RUSSELL TUURIE, B.S. in  
Naval Technology  
ROBERT GORDON WICK  
DONN LINFORD WILLIAMS  
LEON HAROLD WILLIAMS, B.S. in  
Naval Technology

## BACHELOR OF ARCHITECTURE

LAWRENCE ALBERT KEMPF, B.S.

## BACHELOR OF CIVIL ENGINEERING

GUNNAR JULIUS CARLSON  
ROBERT WOODROW ENGLUND  
ROY EDWIN GRIEDER

ELMER DARWIN SPARTZ  
JOHN ROBERT STRANG  
GEORGE EDGERTON TUCKERMAN, JR.

## BACHELOR OF ELECTRICAL ENGINEERING

LINCOLN GEORGE EKMAN, JR.  
BRUCE FRANK KENNEDY  
DAVID HOWARD KOPECKY  
RUSSELL JOSCELYN LeBOSQUET

CHARLES PHILIP, B.B.A.  
RICHARD GORDON SCHWARTZ  
GERALD FRANK SIMONS

† Candidates graduating with honors are identified by differentiated shoulder insignia.

## BACHELOR OF MECHANICAL ENGINEERING

CHESTER EUGENE DEKKO, B.S. in Naval Technology	WAYNE ELLIOT JOHNSON HERMAN LOUIS MAROHN
WILLIAM CONLEY DREHER, B.S. in Naval Technology	JOHN RICHARD McMILLIN, B.Aero.E. MALCOLM MELLIN, B.Aero.E.
NEIL BENSON GRIEBENOW	GEORGE EMMETT SCOTT
LIN LEEPER GRISHAM, B.S. in Naval Technology	WILLIAM WARREN WAITE FRANKLIN JUDD WRIGHT
RICHARD TORVAL HANSEN, B.Aero.E.	

## BACHELOR OF CHEMISTRY

DONALD ELLSWORTH HANSON	WILLIAM GREENFIELD WALLER
THEODORE MARTIN SWANSON	MADOLYN EVELYN YOUSE

## BACHELOR OF PHYSICS

ROBERT ABBEY

## BACHELOR OF METALLURGICAL ENGINEERING

EDWARD JOHN KORDA

## BACHELOR OF MINING ENGINEERING

JOHN ROBERT HOWES

## COLLEGE OF AGRICULTURE, FORESTRY, AND HOME ECONOMICS

### BACHELOR OF SCIENCE

†with distinction

(Course in Agriculture)

ORRIS HAROLD SHULSTAD	NORMAN MARTIN TIMM
-----------------------	--------------------

(Course in Forestry)

GLENN HOWARD DEITSCHMAN	JALMER J. JOKELA
-------------------------	------------------

(Course in Home Economics)

JEAN LOUISE SENSTAD

(Course in Science Specialization)

WARREN DURWARD HANSON

### BACHELOR OF SCIENCE

(Course in Agriculture)

ALLEN WILLIAM BRAKKE	WENDELL ORVILLE JOHNSTON
FRANK EDWIN HARVEY	LEO J. LOHMER, JR.
RICHARD CHARLES HUBMER	RICHARD EILERT ULRING

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(Course in Food Technology)

CARL JUNIOR CARLSON

ARNOLD MICHAEL MUNTER

(Course in Forestry)

RUSSELL VERNON JONGEWAARD  
KEITH ALFRED KUEHN, B.A.  
WILLARD FRANCIS LEAF  
RICHARD MELVILLE MARDEN

LEONARD ROWSON  
CHARLES EMIL SCHLESINGER  
OSCAR PALMER STABO

(Course in Home Economics)

MARY ELLA BUCHANAN  
MARY SANDERSON DESROCHERS  
MARJORY JANE FRANK

MARILYN ABRAMS SAXE  
KATHRYN FRANCES SEXTON

(Course in Science Specialization)

MYRA SMART

LAW SCHOOL

BACHELOR OF SCIENCE

In Law

JEROME THEODORE ANDERSON  
ARNOLD MANUAL BELLIS  
EDWARD JOSEPH BONN  
LAWRENCE CHARLES BOYES  
LESTER RAYMOND CHRISTIANSON  
HYMAN H. COHEN  
GEORGE WEBSTER CRIM  
NELSON KIYOSHI DOI  
JOHN MOONAN FITZGERALD  
CHARLES STAUFFER HADLEY  
FLORAN EUGENE HERRING  
THOMAS MICHAEL HILLIGAN

OWEN ALLEN JOHNSON  
JAMES DEAN KEMPF  
WILLIAM JOSEPH KRAKER  
DAVID MARKUN  
ARNOLD HOWARD MARTINSEN  
GORDON L. McRAE  
JOHN ROBERT PERSON  
ROMAINE RALPH POWELL  
HYAM SEGELL  
RICHARD EDWARD WHITE  
LAWRENCE ROBERT YETKA

MEDICAL SCHOOL

BACHELOR OF SCIENCE

†with high distinction

(Course in Medical Technology)\*

SHIRLEY ALICE LINDQUIST

(Course in Public Health Nursing)

MARJORIE BERNICE GARNAAS, R.N.

\* This degree is conferred subject to the satisfactory completion of required practical work prior to June 13, 1947.

† Candidates graduating with honors are identified by differentiated shoulder insignia.

BACHELOR OF SCIENCE

†with distinction

(Course in Medical Technology)\*

LOIS BURGAN

(Course in Public Health Nursing)

WINIFRED WILHELMINA CLEVELAND, MARGERY RUTH SHANAFELT  
R.N.

BACHELOR OF SCIENCE

(Course in Medicine)

WILLIAM HERBERT GOODNOW CHARLES GORDON VAUGHN  
MILLARD HERBERT RUETHER, B.A.

(Course in Medical Technology)\*

BETTY JUANITA CRAWFORD HARRIET CORINNE ROLLINS  
VIVIAN VIRGINIA OLSON JOAN ROONEY

(Course in Physical Therapy)

DOROTHY KAPLAN

(Course in Public Health Nursing)

MARGARET CAROLINE ALBOLD BARBARA A. MELLA  
JANET LOUISE AMICK ETHEL KATHRYN PRESTRUD  
DELPHIE CHRISTINE BRATTLUND HELEN LORAIN SOHNER, A.L.A.  
DELORES MAE HANSON ODNEY SWENSON STEINKRAUS  
MERCEDES HARRIET HUNTER RUTH SOPHIA STENSAAS  
IONE LAVONNE JOHNECHECK MARGARET HELEN WAHLSTRAND  
JOAN KLEINERT, R. N. MARGARET DOROTHY MARIE  
BETTY LOUISE LARSON, R.N. YOUNGDALE  
ARMINTHA GWEN LARUE

COLLEGE OF PHARMACY

BACHELOR OF SCIENCE

*In Pharmacy*

RICHARD HENRY KADLEC ROBERT EPPERLY NORTH

COLLEGE OF EDUCATION

BACHELOR OF SCIENCE

†with high distinction

KATHRYN ELIZABETH WENZEL\*\*

\* These degrees are conferred subject to the satisfactory completion of required practical work prior to June 13, 1947.

\*\* Nursing Education Curriculum.

† Candidates graduating with honors are identified by differentiated shoulder insignia.

## BACHELOR OF SCIENCE

†with distinction

MINNIE S. ERICKSON  
RIVA HINITZ  
MARY CATHERINE McGRATH

HARRY PALMER OPEL  
KATHLEEN ROSE REULAND  
WILBUR LLOYD SANFORD

## BACHELOR OF SCIENCE

ESTHER LORENE ALUNI, A.A.  
EDWARD STANLEY BARAN, A.A.  
HELEN TOMPKINS BRANTON\*\*  
MARY ELIZABETH BROWN  
EARL WAYNE BRUHN  
EVELYN DOROTHY CARLSON\*\*  
MILDRED ARLENE CARLSON  
ROBERT BYRON CARLSON  
HELEN AHRENS CLAPP\*\*  
ELOISE ANN CONDREY  
BETTY FEES CONNELLY, B.A.  
THOMAS ANDREW DASOVICH  
JOSEPHINE READ DEDOLPH\*\*  
ROMAN ALPHONSE DOLNEY  
RUBEN EPP  
JANET LILLIAS ERICKSON, R.N.\*\*  
MARY JEAN GREIG, A.A.  
MAXINE VERONICA HEIDENREICH

ROBERT MORSE HOWE  
BETTY ELAINE JOHNSON  
ROBERTA ANNA EVALIN JOHNSON  
RICHARD JULIUS JORGENSEN  
EBERHARD WILHELM KRONHAUSEN  
JUDITH SAMALINE LOCKREM  
EILEEN LOIS LODAHL  
HELEN ELEANOR LONG\*\*  
GEORGIA G. NOBLES\*\*  
GEORGE FRANK PATH  
NINA PLADSON, R.N.\*\*  
ALLIS LORRAINE RICE  
WAYNE ASHER SANFORD  
DONNA MARIE SCHIMMELE  
JACQUELYNE JUNE SCHULZE  
ROBERT RICHARD STENGER, JR.  
VERN F. WOBIG

## BACHELOR OF SCIENCE

*In Library Science*

MARY MARGARET COLLINS, Ph.B.  
MARY ELLEN LEWIS, B.A., M.A.

MARVEL WOOLDRIK, B.S., M.A.

## COLLEGE OF EDUCATION AND COLLEGE OF AGRICULTURE, FORESTRY, AND HOME ECONOMICS

### BACHELOR OF SCIENCE

*(Course in Agricultural Education)*

ELVIN EARL ANDREWS  
LLOYD NEWELL GRAHAM

JOSEPH F. MALINSKI

*(Course in Home Economics Education)*

ELMA IRENE KAURALA  
FLORENCE NELMA RAHKO

JOANNE ELLIOTT WEBSTER

## SCHOOL OF BUSINESS ADMINISTRATION

### BACHELOR OF BUSINESS ADMINISTRATION

†with distinction

JACK LANDIS CALDWELL

BRUCE DONALD DEJAGER

\*\* Nursing Education Curriculum.

† Candidates graduating with honors are identified by differentiated shoulder insignia.

## BACHELOR OF BUSINESS ADMINISTRATION

NORMAN STANLEY ALMQUIST	STANLEY ABROHAM KARATZ
KENNETH WILLIS ANDERSON	HOWARD JAMES LANG, B.Aero.E.
LAVERNA LORRAINE ANSTROM	JEAN DOROTHY LEE
MORT DAVID BARRON, A.L.A.	ELIZABETH ANN MACLAUGHLIN
GLENN SAMUEL BEAUBAIRE	HAROLD LEROY MANTHEI
JAMES HARLAN BEDWELL	ARCHIE WAYNE MAYO
JUNE MARILYN BERMAN	STANLEY VERNON MOLANDER
SHELDON CHARLES BROOKS	JAMES JOSEPH MULLEN
BRUCE ARTHUR BROWN	MAURICE ROBERT MYHRE
JAMES HALE CAREY	STEWART RICHARD NELSON
SUZANNE COHN	GORDON JOHN NESET
JAMES CLARKE CRUST	FREDRICK GERALD OSTLAND
LEE MORTON DUBOW	THEODORE CHAPMAN PICKETT
CURTIS JOHN ENGLUND	MORRIS GEORGE RADOW
HARRY RAY ERICKSON	ERNEST WOODROW READY
WILLIAM BERTRAM EVERETT	GERMAN RIECKEHOFF
ROBERT MOFFAT FLEMING, JR.	GORDON DAVIS SANDO, B.A.
BARTLEY MONGE FOSTER	DAVID MARVIN SCOTT
ARTHUR BRUCE FRUEN, A.A.	HAL CLAY SESSIONS
WILLIAM HAMILL GALLUP	ALAN LORANE STANLEY
BERNT LEVORE GARNAAS, B.A.	SHERMAN IRVING STEINFELDT
KENNETH IVAN GILLESPIE	LORRAY MELBOURNE STRANDEMO
HAROLD GERHARDT JANSEN	EILEEN C. SUTTON
ANTHONY FRANK JEROME	JOHN JAMES TEALE
BERTRAM CORNELIUS JOHNSON	RICHARD EDWARD THIELEN
LAWRENCE BENHARDT JOHNSON	DONALD HENRY WEDIN
ROBERT GUNNARD JOHNSON	WARREN GEORGE WOLFE

## BACHELOR OF SCIENCE

*In Economics*

DELBERT CURTIS HASTINGS	JOHN ALVIN STRANDBERG
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SCHOOL OF BUSINESS ADMINISTRATION AND COLLEGE OF  
AGRICULTURE, FORESTRY, AND HOME ECONOMICS

BACHELOR OF AGRICULTURAL BUSINESS ADMINISTRATION

†with distinction

(Course in Agricultural Business Administration)

ARNE HENRY TABELLE

## UNIVERSITY COLLEGE

### BACHELOR OF ARTS

WILLIAM MOWRE BRYNGELSON	HARVEY OGDEN DOW, A.A.
ALLAN HERBERT CHAMBERS	ARTHUR WILLIAM KELLEY
JOAN COCKROFT	GERALD CARROLL RYAN, JR.
ALLAN DELMAN	JAMES INGERSOLL WYER, IV

† Candidates graduating with honors are identified by differentiated shoulder insignia.

## BACHELOR OF SCIENCE

CONSTANTINE MICHAS  
LEONARD ALOYSIUS MOLITOR

JAMES ALVIN STRUTHERS  
OLGA MARGUERITE VALLEM, B.A.

## LAW SCHOOL

### BACHELOR OF LAWS

JEROME THEODORE ANDERSON  
MYRON HOWARD BRIGHT, B.S.L.  
DAVID RYRIE BRINK, B.A., B.S.L.  
LEANDER ALBERT KUNZ, B.S.L.

WILBUR SPENCE LYCAN, JR., B.S.L.  
RALPH HENRY PETERSON, B.S.L.  
PAUL STERLING, B.S.L.

## MEDICAL SCHOOL

### BACHELOR OF MEDICINE

TRUMAN ALBERT NEWBERRY, B.S.      ALBERT DEVINE REIFEL, B.A.

### MASTER OF PUBLIC HEALTH

RUTH BEERY, B.A.  
PAUL BOLTON, B.S. in C.E.  
DAPHNE D. DOSTER, R.N., B.S.  
ETHEL MARIE McCLURE, B.S.

AGNES ANN O'LEARY, B.S.  
NORA ROLF, B.S.  
ELEANOR FAY SMITH, B.S.

## COLLEGE OF EDUCATION

### MASTER OF EDUCATION

PERRY WEAVER DUNGEY, B.A.  
RUSSELL HARRY JOHNSON, B.S.  
LYLE ARTHUR LIMOND, B.S.

DONALD LUVERNE NEER, B.S.  
CARL BERTIL NELSON, B.Mus.Ed.

## GRADUATE SCHOOL

### MASTER OF ARTS

DOROTHY PAULINE ALTHEIDE  
Ph.B. '30, University of Chicago  
Major, Educational Psychology  
Plan B

WILLIAM WALTER BLEIFUSS  
B.S. with honor '43, Winona State Teachers College  
Major, English  
Plan B

MARVYL LOREE BECK  
B.A. '44, University of Minnesota  
Major, Social Work  
Plan B

ROY ASBJORN BOE  
B.S. '41, University of Minnesota  
Major, Fine Arts  
Minor, Art Education

MAJA TSCHERNJAKOW BENTLEY  
Graduate of Black Mountain College '44  
Major, Comparative Literature  
Minor, Humanities  
Thesis, Cocteau's *La Machine Infernale*,  
Hofmannsthal's *Oedipus und die Sphinx*,  
and the Greek Myth of Oedipus

Thesis, The Development of Art Consciousness in Minneapolis and the Problems of the Indigenous Artist

MARGARET MARY BUSWELL  
B.A. '41, Lawrence College  
B.S. '46, University of Minnesota  
Major, Curriculum and Instruction  
Plan B

- THEODORE RYLAND CROSS**  
B.A. '43, Iowa State Teachers College  
Major, Psychology  
Plan B
- WILLIAM HERMAN DREIER**  
B.S. '40, Iowa State College  
Major, Education  
Plan B
- LEO CHARLES FREDERICK FAY**  
B.S. '42, University of Minnesota  
Major, Curriculum and Instruction  
Plan B
- ELLSWORTH MELVIN GERRITZ**  
B.E. '38, St. Cloud State Teachers College  
Major, Educational Administration  
Plan B
- WILLIAM HENRY GILBERT**  
B.A. '43, University of Minnesota  
Major, Mathematics  
Plan B
- GORDON RICHARD GLABE**  
B.S. '38, University of Minnesota  
Major, Mathematics  
Plan B
- HERBERT RUSSELL KELLOR**  
B.E. '38, Bemidji State Teachers College  
Major, Industrial Education  
Plan B
- PHILIP HENRI KRIEDT**  
B.A. *cum laude* '35, University of Minnesota  
Major, Psychology  
Plan B
- JOHN ABERT LEWIS**  
B.A. '40, Washington University  
Major, Psychology  
Plan B
- MARY JANE LOSO**  
B.A. '40, College of St. Benedict  
Major, English  
Plan B
- BENJAMIN THOMPSON McCLURE**  
B.A. '45, University of Minnesota  
Major, Mathematics  
Plan B
- JONATHON COLLINS McLENDON, JR.**  
B.A. '40, University of Georgia  
Major, Education  
Plan B
- KENNETH GLENN NELSON**  
B.S. '39, Iowa State College  
Major, Educational Psychology  
Plan B
- MARGARET OWCHAR**  
B.A. '45, University of Manitoba  
Major, Mathematics  
Plan B
- EUGENE AUGUST PETERSON**  
B.A. '40, Fresno State College  
Major, Journalism  
Plan B
- JOHN CLARK RHODES**  
B.A. '35, Texas Christian University  
Major, Curriculum and Instruction  
Plan B
- HAROLD HARVEY SCHAEFER**  
B.E. '33, Mankato State Teachers College  
Major, Educational Administration  
Plan B
- JEROME DANIEL SCHEIN**  
B.A. *cum laude* '46, University of Minnesota  
Major, Psychology  
Plan B
- EDWIN THEODORE SHEFFIELD**  
B.A. '33, University of Minnesota  
Major, Mathematics  
Plan B
- CHARLES ARTHUR SHUBAT**  
B.S. with distinction '43, University of Minnesota  
Major, Industrial Education  
Plan B
- SISTER HELEN JOSEPH SANSCHAGRIN**  
B.A. '40, College of St. Catherine  
Major, Zoology  
Plan B
- WILLIAM HENRY STRAND, JR.**  
B.A. '39, St. Olaf College  
Major, Educational Administration  
Plan B
- THORFIN NED TANGEDAHL**  
B.A. '37, Minot State Teachers College  
Major, Social Work  
Plan B
- CLAUDIUS WILLIAM WILKEN**  
B.S. '42, St. Cloud State Teachers College  
Major, Industrial Education  
Plan B
- ROBERT LEE WRIGHT, JR.**  
B.A. '43, Defiance College  
Major, Curriculum and Instruction  
Plan B

## MASTER OF ARTS

### *In Public Administration*

**WALTER WILLIAM MODE**  
B.B.A. '43, University of Minnesota  
Major, Public Administration  
Thesis, Review of Administrative Management of Employment Security Agencies by the Social Security Board

**MARIE ANNA PIERCE**  
B.A. '37, Augsburg College  
Major, Public Administration  
Thesis, A Description and Evaluation of the Federal-State Cooperative Agreement in Wage and Hour Administration in Minnesota, Connecticut, North Carolina, and Washington, D.C.

## MASTER OF SCIENCE

**MARINO ARCE**  
C.E. '39, Universidad del Cauca (Colombia)  
Major, Geology  
Plan B

**GAIL BAY**  
B.A. *summa cum laude* '45, Tarkio College  
Major, Pharmaceutical Chemistry  
Minor, Pharmacology  
Thesis, A Preliminary Phytochemical Investigation of *Digitalis purpurea* and *Digitalis lanata*

**MEYER BROWNSTONE**  
B.Sc. '45, University of Manitoba  
Major, Agricultural Economics  
Minor, Economics  
Thesis, An Analysis of the Manitoba Co-operative Poultry Marketing Association

**TIMOTHY DURWARD COTTON**  
B.S. '40, Prairie View State Normal and Industrial College  
Major, Animal Husbandry  
Plan B

**MILFRED JULIAN ERLANDSON**  
B.S. '43, University of Minnesota  
Major, Agricultural Economics  
Plan B

**ELEANOR CATER JOHNSTON**  
B.S. '36, University of Minnesota  
Major, Home Economics Education  
Plan B

**ALVARO MONTALDO (BUSTOS)**  
Ingeniero Agronomo '42, Universidad de Chile  
Major, Plant Genetics  
Minor, Horticulture  
Thesis, Inheritance of Reaction to *Phytophthora infestans* in the Potato

**RAYMOND HENRY RANTALA**  
B.Geol.E. with distinction '43, University of Minnesota  
Major, Geology  
Minor, Petroleum Engineering  
Thesis, A Study of the Insoluble Residues of the Whitewood Limestone, Central Black Hills of South Dakota

**GEORGE JOHN RASCHKA**  
B.Ch.E. '38, University of Minnesota  
Major, Public Health  
Minor, Mechanical Engineering  
Thesis, A Study of Industrial Health Aspects of Recirculating Air Containing Foundry Dust Cleaned by a Commercial Air Filter Installation

**AUGUST BENHART SALMELA**  
B.S. '43, University of Minnesota  
Major, Animal Husbandry  
Plan B

**JACOB WILNER**  
B.S. '36, University of Saskatchewan  
Major, Horticulture  
Minor, Plant Physiology  
Thesis, Relation of Performance of Certain Tree Species with That of Various Fruit Species Under Climatic Conditions Prevailing on the Canadian Prairies

## MASTER OF SCIENCE

### *In Anesthesiology*

CHARLES DUNCAN ANDERSON

B.A. '35, M.D. '39, University of Western  
Ontario

Major, Anesthesiology

Minor, Physiology

Thesis, Effects of Certain Premedicants on  
Traumatic Shock Produced in Animals  
Under Ether Anesthesia

## MASTER OF SCIENCE

### *In Aeronautical Engineering*

WILLIAM DALE DRINKWATER

B.Aero.E. '42, University of Minnesota  
Major, Aeronautical Engineering  
Plan B

SAMUEL SHERMAN EDWARDS

B.Aero.E. '44, University of Minnesota  
Major, Aeronautical Engineering  
Plan B

GEORGE WALTER ENGSTROM

B.Aero.E. '42, University of Minnesota  
Major, Aeronautical Engineering  
Plan B

RAYMOND ISAAC HAKOMAKI

B.Aero.E. '43, University of Minnesota  
Major, Aeronautical Engineering  
Plan B

ROBERT AUSTIN HOLDAHL

B.Aero.E. '43, University of Minnesota  
Major, Aeronautical Engineering  
Plan B

STANLEY HOWARD LOWY

B.S. in Aero.E. '43, Purdue University  
Major, Aeronautical Engineering  
Minor, Mathematics and Mechanics  
Thesis, Anti-Detonant Injection in a Small  
Aircraft Engine

## MASTER OF SCIENCE

### *In Agricultural Engineering*

THOMAS STUART FORSAITH

B.S. '38, University of Saskatchewan  
Major, Agricultural Engineering  
Plan B

## MASTER OF SCIENCE

### *In Civil Engineering*

WALTER THOMAS GRAVES

B.C.E. '40, University of Minnesota  
Major, Civil Engineering (Sanitary Engi-  
neering)  
Minor, Civil Engineering (Structural En-  
gineering)  
Thesis, Reoxygenation and Deoxygenation  
Studies on the Mississippi River

ITALO MARSANO

Ingeniero Civil '44, Universidad Católica  
del Perú  
Major, Civil Engineering (Railroads)  
Minor, Civil Engineering (Highways)  
Thesis, Railway Roadbed and Its Improve-  
ment

HENRY BYRNES SCHMIDT

B.C.E. '42, University of Minnesota  
Major, Civil Engineering  
Plan B



## MASTER OF SCIENCE

### *In Mechanical Engineering*

WICKLIFFE BYRON HENDRY

B.S. in M.E. '39, University of Kentucky  
Major, Mechanical Engineering  
Plan B

## MEDICAL SCHOOL

### DOCTOR OF MEDICINE\*

MAX BAKALINSKY, B.S., M.B.

ROBERT BERTRAM BREITENBUCHER,  
B.S., M.B.

CHARLES CHRISTIAN HEWITT, B.A.,  
M.B.

MARY JANE JENSEN, B.A. cum laude,  
B.S., M.B.

ROBERT CHARLES KNUTSON, B.S.,  
M.B.

GEORGE RANDALL SMITH, B.A., M.B.

### DOCTOR OF PHILOSOPHY

WILLARD PATTERSON ARMSTRONG

B.S. in Ch.E. with high honors '38, University of Illinois

Major, Chemical Engineering

Minor, Physical Chemistry

Thesis, The Leaching of Inorganic Salts with Aqueous Solutions

Major Adviser, Prof. E. L. Piret

FRANCIS PLEDGER HULME

B.A. '36, University of North Carolina

M.A. '37, Emory University

Major, English

Minor, French

Thesis, A History of Music-Imagery in European Literature with Special Emphasis on Nineteenth and Twentieth Century English, American, and French Literature

Major Adviser, Prof. Elizabeth Atkins

WILLIAM DONALD BEATTY

B.A. '33, University of Washington

Major, History

Minor, American Literature

Thesis, The Post-War Industrialization of Chile (1920-1930)

Major Adviser, Prof. T. B. Jones

RAMON LAWRENCE IRWIN

B.A. '36, University of Minnesota

M.A. '37, Cornell University

Major, Speech

Minor, English

Thesis, Congressional Debates of James K. Polk's Administration: A Study in Factionalism

Major Adviser, Prof. F. M. Rarig

RICHARD SHOOTS DAVIDSON

B.S. '40, M.S. '42, Ohio State University

Major, Plant Pathology

Minor, Botany

Thesis, Factors Affecting the Development of Bacterial Soft Rot of Potato Tuber Initials

Major Advisers, Profs. E. C. Stakman and C. J. Eide

JOSEPH BRUCE LEIBEE

B.Ch. with distinction '40, University of Minnesota

Major, Organic Chemistry

Minor, Physical Chemistry

Thesis, The Phenyl Allyl Ether Rearrangement. The Rearrangement in Aqueous Alkali

Major Adviser, Prof. W. M. Lauer

FRED BRUNO GERSTUNG

B.A. '27, North-Western College

M.A. '30, University of Minnesota

Major, German

Minor, Philology

Thesis, The Language of Walther Von der Vogelweide

Major Adviser, Prof. Konstantin Reichardt

\* These degrees are conferred subject to the satisfactory completion of hospital internship within one month.

**WILLIAM ROBERT McEWEN**

B.E. '35, Duluth State Teachers College  
M.A. '39, University of Minnesota  
Major, Mathematics  
Minor, Physics  
Thesis, An Upper Bound for the Number  
of Orthogonal Polynomials of Any Spe-  
cified Degree Associated with an Alge-  
braic Curve in Space  
Major Advisers, Profs. Dunham Jackson  
and R. H. Cameron

**WILLIAM FLETCHER MCLIMANS**

B.A. '39, University of Minnesota  
Major, Bacteriology  
Minor, Pharmacology  
Thesis, A Study of Some Factors Affecting  
the Host Cell/Virus Interaction with a  
Contribution to the Therapy of Tsutsu-  
gamushi Disease  
Major Adviser, Dr. W. P. Larson

**WILLIAM DELMAR MUNRO**

B.A. *magna cum laude* '38, University of  
Colorado  
M.A. '40, University of Minnesota  
Major, Mathematics  
Minor, Physics  
Thesis, Orthogonal Trigonometric Sums  
with Auxiliary Conditions  
Major Advisers, Profs. Dunham Jackson and  
R. H. Cameron

**ROGER BETHEL PAGE**

B.A. '38, University of Richmond  
Major, Psychology  
Minor, Educational Psychology  
Thesis, Application of the Minnesota Mul-  
tiphasic Personality Inventory to Tuber-  
culosis Patients  
Major Advisers, Profs. D. G. Paterson and  
S. R. Hathaway

**WEBER HJALMAR PETERSON**

B.S. '36, M.S. '38, Montana State College  
Major, Agricultural Economics  
Minor, Economics  
Thesis, Economics of Flaxseed Production  
in the United States  
Major Adviser, Prof. W. C. Waite

**GLENN MAGNUS ROE**

B.A. '38, St. Olaf College  
M.A. '40, University of Minnesota  
Major, Physics  
Minor, Mathematics  
Thesis, The Theory of Acoustic and Elec-  
tromagnetic Wave Guides and Cavity  
Resonators  
Major Adviser, Prof. E. L. Hill

# UNIVERSITY OF MINNESOTA

Seventy-fifth

*Annual Commencement*

1947



UNIVERSITY OF MINNESOTA MEMORIAL STADIUM  
SATURDAY EVENING, JUNE FOURTEENTH  
NINETEEN HUNDRED FORTY-SEVEN  
AT EIGHT-FIFTEEN O'CLOCK

# ORDER OF EXERCISES

VICE PRESIDENT MALCOLM M. WILLEY, Presiding

## PROCESSIONAL—

“Coronation March” from *The Prophet* - - - - - Meyerbeer

UNIVERSITY CONCERT BAND  
GERALD R. PRESCOTT, Conductor

## PRESENTATION OF COLORS

NATIONAL ANTHEM—“The Star-Spangled Banner”

## INVOCATION

THE REVEREND GEORGE P. CONGER, B.D., Ph.D.  
Professor of Philosophy

## CHARGE TO THE CLASS

MALCOLM M. WILLEY, Ph.D., L.H.D.  
Vice President, Academic Administration

MUSIC—“My Hero,” *Military March* - - - - - Alford

UNIVERSITY CONCERT BAND

## CONFERRING OF DEGREES

VICE PRESIDENT MALCOLM M. WILLEY

### I. Honorary Degrees

#### DOCTOR OF SCIENCE

HERMAN HAUPT CHAPMAN, B.S. 1896, B.Agr. 1899, University of Minnesota; M.F. 1904, Yale University. Professor Emeritus, Forest Management, Yale University. Presented by Henry Schmitz, Dean of the College of Agriculture, Forestry, and Home Economics.

#### DOCTOR OF SCIENCE

ARVILLE IRVING LEVORSEN, E.M. in Geology, University of Minnesota. Dean of the School of Mineral Sciences, Stanford University. Presented by George A. Thiel, Professor and Chairman of the Department of Geology and Mineralogy.

## II. Degrees in Course

(Selections played by the Concert Band as  
candidates march to the platform)

The Bells of St. Mary's	Adams
Vanished Army	Alford
March of the Steelmen	Belstering
L'Arlesienne (Farandole)	Bizet
Flirtations	Clarke
Pavanne	Gould
Zampa Overture	Herold
Them Basses	Huffine
Deep South	Isaac-Lillya
Gold and Silver Waltz	Lehar
Student Prince	Romberg
La Gazza Ladra	Rossini
Voice of Freedom	Rubenstein
Toy Trumpet	Scott
Stars and Stripes Forever	Sousa
U. S. Field Artillery March	Sousa
My Hero	Strauss
Wine, Women and Song	Strauss
Amparito Roca	Texidor
Anchors Aweigh	Zimmerman

### SONG—"Hail, Minnesota"

Minnesota, hail to thee!  
Hail to thee, our College dear!  
Thy light shall ever be  
A beacon bright and clear;  
Thy sons and daughters true  
Will proclaim thee near and far;  
They will guard thy fame  
And adore thy name;  
Thou shalt be their Northern Star.

Like the stream that bends to sea,  
Like the pine that seeks the blue!  
Minnesota, still for thee,  
Thy sons are strong and true.  
From thy woods and waters fair,  
From thy prairies waving far,  
At thy call they throng,  
With their shout and song,  
Hailing thee their Northern Star.

### TAPS

## MARSHALS

The following juniors selected on the basis of scholarship have been appointed to serve as student marshals to assist in the conduct of the exercises:

Gertrude K. Bloede  
Eugene F. Bossenmaier  
Roy C. Cummelin  
Kenneth W. Deters  
Gladys I. Gordon  
Chadwick Haberstroh  
Lester G. Hansen  
Edward H. Hassinger  
Annis J. Korpi  
William Kraker  
Allen L. Newman

Kenneth Ozaki  
Joyce M. Peterson  
Betty A. Plummer  
Harold C. Potter  
Wayne C. Romberger  
Richard N. Schwab  
Bruno Stanoch  
Edward O. Swanson  
John A. Taylor  
Virgil A. Vergin  
James Wanvig

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## CANDIDATES FOR GRADUATION

Subject to the completion of all curriculum requirements at the close of the spring quarter, degrees will be conferred as indicated on those listed below and upon such others as may meet the graduation requirements.

### GENERAL EXTENSION DIVISION

Candidates presented by Huntington Miller, B.A., LL.B.,  
Assistant Professor, General Extension Division

### BUSINESS CERTIFICATE

Louis J. Pihaly

### ELECTRICAL ENGINEERING CERTIFICATE

Raymond R. Bukrey

### GENERAL COLLEGE

Candidates presented by Horace T. Morse, Ph.D.,  
Dean of the General College

### ASSOCIATE IN ARTS

C. Roger Ahlman  
Arline Vivian Allison  
Bernard John Andert  
Marcie Colleen Andrus  
Constance Martha Arness

Ardien Curwood Aronson  
James Gilmore Backer  
Thomas Raymond Barrett, Jr.  
James John Blazek  
Lucille Helen Borowick

Lyle A. Brogan II  
Beverlee Ellen Brown  
Williamilia Fairgrieve Brown  
Clophos Frank Bulleigh  
Marjorie Ann Buns  
John Lawrence Burke  
Joseph Kenneth Butala  
Walter Edward Camp, Jr.  
Edgar Tiffit Canaday  
Dean Rutherford Carlson  
Winnifred Patricia Carr  
John Archambault Carrier  
Jocelyn Rhae Carter  
Philip Chapirson  
Milton D. Chase  
Robert Christopher  
Bert William Clark  
Harriet Jane Cohen  
Calvin Dudley Coleman  
Harold Arthur Dahlquist  
Georgine Marcia Dalein  
Melvin John Davis  
Verne Euclair DeCourcy  
Donald Dewayne Dickey  
Patricia Jeanne Dickinson  
Virginia Mae Doheny  
Muriel Mae Dorfman  
Jack La Shay Dunn  
William Edward Dunne, Jr.  
William O. Dunstone  
Theo Helen Egeland  
Ellsworth Burch Erickson  
Betty Jane Fenell  
Carol Joan Fisher  
Robert James Fitzgerald  
Beatrice Joan Flodquist  
Paul Richard Frost  
David Conrad Fuller  
Jesse Ira Gardner  
Virginia Evelyn Gaus  
Morton Geller  
Aaron Joe Gitis  
Paul Brodine Gordon  
Grant Winfield Hallberg  
Joyce Terese Halvorson  
Richard Lyle Hanson  
Nicholas Fremont Hawley  
Drexel Harte Henderson  
Frances Elaine Hendrickson  
Arwed Albert Henning  
Frederick Allen Hooper  
Bennett Horne

Lois Carolyn Horton  
Phyllis Ann Howard  
Charlotte Howe  
Eugene Wallace Hoysler  
Harry Ingber  
Dorothy Margaret Jackley  
Walter Robert Jayne  
Harold Whiting Jeffery, Jr.  
Betty Anne Johnson  
Joseph Arnold Johnson  
William Harry Johnson  
Douglas Kay Johnston  
Lucille Winifred Jolly  
Bernadette Helen Juenemann  
Mary Michiko Kadowaki  
Mary K. Kaiser  
Donna Elene Kampstad  
Florence Marie Kangas  
Richard Baldwin Keller  
Harold Irving Kenney, Jr.  
John Paul Kessler  
Donald Asa Kimball  
Helma Klein  
Dudley Isadore Krenz  
Ramon Leonard Kroeten  
J. D. Lane  
Eleanor Della Langford  
Clarice Joyce Larson  
Dorothy Charlotta Larson  
Lorraine Virginia Lee  
Marcia Lenske  
John Lewis Lindau  
Donald Arvid Lindgren  
Robert Sydney Linnerooth  
Ian Elborough MacTavish  
Douglas Fredrick McClellan  
Genevieve Ann McGrath  
John Joseph McGuire  
Elynor Harriet Mendelson  
Barbara Ann Meyers  
George Albert Minarik  
George Louis Mitchell  
Jo Ann Mitchell  
Rodney Wayne Mitchell  
Dorothy June Moan  
Lloyd Marvell Moen  
Peggy Jayne Mogilevsky  
Gilbert Gabriele Moreno  
Lillian Evelyn Morgan  
Charles Buckley Mulliken  
Ralph Louis Nasch  
Neal Henry Nelson

Theodore Murray Nelson  
 John Robert Norton  
 Anne Shirley O'Brien  
 Oliver Luverne Ohr  
 Robert Denis O'Neill  
 Arthur Mason Osborn  
 Herbert Conrad Penner  
 Harry Calvin Peterson  
 Muriel Janice Peterson  
 Robert Wilhelm Peterson  
 Thomas Henry Petherbridge  
 Roy Alan Pieper  
 James Earl Pogue  
 John Joë Rak  
 Douglas Herbert Ramsey  
 Richard L. Read  
 Eleanor Katherine Reinert  
 Rivian Jane Rikess  
 Dale Edgar Riley  
 Dougald Lyndsay Ritchie  
 Annette Robins  
 Gordon Arthur Robinson  
 Gordon Roy Robinson  
 Lloyd Philip Roholt  
 Richard Therrien Roman  
 Melba Paulina Rosso  
 Betty Jane Rotman  
 Donald Frank Ruckmar  
 Francis N. Satterlee  
 Stanley Victor Scharling  
 Warren William Schmidt

Bernard James Schuweiler  
 Rita Anne Schuweiler  
 John Maurice Scott  
 Yetta Silver  
 Faye Silverton  
 Mitzi Simon  
 Jack Proctor Smith  
 Marvin Smith  
 Samuel Shepherd Smith  
 Eugene Jarold Stanoch  
 Shirley Ann Stark  
 Carol Bernice Stern  
 Jill Elizabeth Stetler  
 Arnold Roland Storm  
 Muriel Mary Suck  
 Marilyn Jean Swanson  
 Gerald Wallace Swoboda  
 Joseph Martin Syme  
 Robert Louis Tavernier  
 Robert George Tetzner  
 Lee Anthony Theroux  
 Marguerite Elaine Ulland  
 Shirley Elaine Vinton  
 Gloria Carol Warman  
 Kaye Robbins Wildasin  
 Mary Ruth Willis  
 William Delbert Wood  
 Robert Clark Youngman  
 Arthur William Youngren  
 Naomi Zachary  
 Neil James Zwiener

## MEDICAL SCHOOL

Candidates presented by Katharine J. Densford, R.N., M.A., D.Sc.,  
 Director of the School of Nursing

## GRADUATE IN NURSING

These degrees are conferred as of June 14, 1947, subject to satisfactory completion of nursing practice prior to December 18, 1947.

Rosalind Adams, B. of Ed.  
 Shizuko Dekuzaku Aka  
 Mary Ellen Anderson  
 Maryjane Elizabeth Anderson  
 Sarah Jean Anderson  
 Alice Fay Ash  
 Betty Jean Atcherson  
 Lucille Harriet Bargabos  
 Jane Elizabeth Barnes  
 Mary Olevia Barns  
 Theresa Margaret Battaglia

Olive Marie Bellingham  
 Bernice Corella Berg  
 Joyce Gwendolyn Berg  
 Patricia Helen Bergh  
 Juanita Mae Bergstreser  
 LaVonne Marie Berntson  
 Patricia Ruth Bertie  
 Cecilia Biernat  
 Mary Frances Black  
 Gloria Marie Blasius  
 Dorothy Jean Bonde



Norma Jean Booth  
Albina Marie Borho  
Jewel Brock  
Arlys Dariel Burgstahler  
Mariamne F. Butler  
Helen Virginia Carlson  
Aryal Beryl Carlstedt  
Margaret Marie Christenson  
Mary Elizabeth Clarke  
Yvonne Jane Cleve  
Doris LaVerne Clyde  
Lois Elaine Colberg  
Arlene Florence Coleman  
LaVila Jean Cross  
Betty Jane Crouch  
Carol Lois Dahl  
Lorraine Elizabeth Dahl  
Betty Jean Deming  
Audrey Anne Dierauer  
Patricia Ann Dougherty  
Margaret Hearn Dowd  
Charlotte Leone Droppo  
Elsie Louise Eggers  
Phelba Lorraine Enevold  
Lela Maurine Entz  
Lucille Emily Eurich  
Jean Constance Everett  
Helen Elizabeth Fair  
Virginia LuVerne Falk  
Barbara Grace Feilzer  
Katheryn Eloise Ferguson  
Pauline Marie Ferrel  
L. Jean Ferrin  
Dorothy Evelyn Finick  
Illola Marguerite Flater  
Elaine Delores Floren  
Ellen Berndt Frazeur  
Ardythe Hand Funrue  
Mary Frances Gaasch  
Dorothy May Gates  
Harriet Gettler  
Virginia Goldstrand  
June Marie Gram  
Anne Harvey Gurley  
Jane Millicent Hanson, B.E.  
Vivian Louise Hanson  
Dorothy Jane Hassenger  
Nancy Akarson Hauck  
Beverly E. Haugen  
Mary Louise Hedeon  
Doris Margaret Heley  
Helen Roberta Hicks

Lynette Claudia Hjerpe  
Doris Hodgson  
Nancy June Hoetger  
Elizabeth Bernice Hopponen  
Joan Mildred Jaros  
Carrel Yvonne Johnson  
Helen Elizabeth Johnson  
Jeanette Elaine Johnson  
Karen Sandberg Johnson  
Marion Elizabeth Johnson  
Ruthmarion Johnson  
Shirley Mae Johnson  
Jeanne Elizabeth Jorgenson  
Florence Helen Kaasa  
Rita Karsner  
Maxine Elizabeth Kelley  
Vivian Arlene Kinseth  
Verona Mae Kjenstad  
Marlys Alvina Krump  
Joyce D. Larson  
Effie Martha Lee  
Elizabeth Mary LeFeure  
Mary Anne Emma Leppa  
Barbara Ann Lindstrom  
Margaret Lofgren  
Mary Loranger  
Shirley Lukuma  
Lucille Madson  
Jeanne Elizabeth Manuel  
Ardis Helen Masdal  
Lucilla Woyda McCluskey  
Patricia Helen McCutchan  
Mary Ann Priscilla McIntyre  
Corinne Margaret Meany  
Margaret Meyer  
Bernice Lorraine Mickelson  
Barbara Hoglan Miller  
Harriet Johnson Morgart  
Delores M. Morland  
Loree Ann Myhra  
Dorothy Phillis Naiditch  
Donna Virginia Naumoff  
Margaret Floy Nelson  
Yvonne Norquist  
Jean Elizabeth Oelke  
Rose Marie Ogilvie  
Betty Mae Onsrud  
Goldie Rosalie Opgrand  
Helen Margaret Ormseth  
Taimi Ilona Palosaari  
Ruth Marie Paquin  
Jean Paskewitz

Martha Joan Peters  
 Selma Marie Petersen  
 Mary Lynne Peterson  
 Ruth May Quarve  
 Beverly Ann Raitt  
 Shirley Carolyn Ann Rauk  
 Ethel Wheeler Regan  
 Madonna Mary Reichmuth  
 Dorothy June Chilgren Reinarz  
 June Collins Reinhard  
 Phyllis Jane Parker Ring  
 Ruth Rebecca Robinson  
 Ruth Rossiter  
 Lucille Anne Rowell  
 Alice L. Rubis  
 Margaret Francis Schubert  
 Doris Pauline Schue  
 Elizabeth Schutt  
 Shirley Irene Schwarten  
 Barbara Ann Sensenbrenner  
 Evelyn Hope Shadick  
 Marian Lorraine Shanahan  
 Julia Anna Shaw  
 Helen L. Siehdel  
 Sally Warden Snider  
 Ella Marie Sorensen

Esther Mary Sorensen  
 Helen Spiering  
 Marjory Ann Spooner  
 June Claire Sulem  
 Barbara Clements Swanstrom  
 Barbara Joan Swenson  
 Phyllis Swiers  
 Ann Taylor, B.A.  
 Irene Fay Temple  
 Jean Phyllis Thompson  
 Ruth Helga Thor  
 Ann Marie Thorsell  
 Elizabeth Charlotte Tingloff  
 Dorothy Mildred Tollefson  
 Phyllis Alene Tornquist  
 Suzanne Marie Vonier  
 Betty Louise Weisser  
 Margaret Elizabeth Wels  
 Isabelle Boie Westby  
 Marilyn Theola Wickre  
 Shirley Ann Wilberg  
 Ardis Helen Wiley  
 June Lenore Wohlleben  
 Marilyn Leone Wolf  
 Lois Carolyn Wolner  
 Gloria Rosemary Zeman

These degrees are conferred as of December 18, 1947, subject to the satisfactory completion of six months' service as senior cadet nurses in a federal hospital, prior to March 18, 1948.

Audrey Eledia Berntson  
 Betty J. Blomen  
 Eleanor Brome  
 June Engelson  
 Audrey Mae Engelstad

Lee Griggs  
 Jeanette Marasco  
 Harriet Barbara Sawyer  
 Marjorie Martha Schmidt  
 Eva Margaret Sullivan

## COLLEGE OF SCIENCE, LITERATURE, AND THE ARTS

Candidates presented by T. Raymond McConnell, Ph.D.,  
 Dean of the College of Science, Literature, and the Arts

### ASSOCIATE IN LIBERAL ARTS

John Patrick Bradley  
 Marilyn Ilene Brickman  
 Thomas John Caulfield, Jr.  
 Marilyn Ann Chelstrom  
 Joyce Adele Comer  
 Jacquelyn Carmen Dow  
 William Donald Eng  
 Adene Helen Hersch  
 Charles Jacob Horwitz

\*William Francis Hynan  
 Helen Alexander Jacus  
 Betty Jean Johnson  
 George Willard Jones  
 Thomas Leo Jordan  
 Roslyn May Kirsner  
 June Lavina Krohn  
 Roy Joseph Kundtz  
 Vincent Douglas Larson

\* Degree conferred as of March 20, 1947.

Beverly Jean Lawrence  
Ruth Adelyne Meltz  
George Leonard Miller  
Audrey Jean Murray  
Arthur Richard Newtonson  
Richard Elwood Olson

Marjorie Marie Schulz  
Roger Pennington Sherman  
Genevieve Hazel Skaar  
Delores Lorraine Sussman  
Mildred R. Witte

### BACHELOR OF ARTS

†*summa cum laude*

John Stuart Holten  
Joyce Audrey Johnson

Charles Norman Kelber

### BACHELOR OF ARTS

†*magna cum laude*

Leone Evelyn Albinson  
Margaret Heline Brant  
Dorothy Babcock Brodie  
William E. Cahill  
Joyce Elaine Chapman  
Joan Jacquelin Clark  
Robert Smith Cutting  
Norma Dorothy De Rubeis  
Mary Gray Koehler Haxby Duncan  
Rosemarie Johanna Hager  
Rosemarie Henley  
Robert Carl Johnson  
Marion Deborah Kortmann  
Robert Tallant Laudon  
Dorothy Elaine Madsen

Eileen Manning  
Mary Louise McChesney  
Jean Elizabeth Nelson  
Sherman Eddie Nelson  
John Joseph Neumaier  
Walfred Hugo Peterson  
Elizabeth Jeanne Pinska  
Corinne Lois Rye  
Carolyn Ann Sanborn  
John Robert Schelander  
Geraldine Mae Stoner  
Betty Lorraine Swanson  
Joan Frances Tankel  
Ruth Tessler  
Jefferson Trowbridge Warren

### BACHELOR OF ARTS

†*cum laude*

Jo Anne Louise Alberg  
Jeanne Burns Allen  
Harriet Rosalyn Bookman  
Lulu D. Brinker  
Dorothy Elizabeth Buegel  
Nancy Jeanne Cox  
Roy George De Mers, Jr.  
Jo Anne Eaton  
June Eleanor Ellingson  
Robert Eugene Emerson  
William Manley Galbraith  
Ludwig Leo Geismar  
Richard Raymond Haefner  
Arthur James Hayes

Jack Willard Raymond Headley  
Gustaf Rodney Hjelm  
Margaret Louise Jacobson  
Tomihiro Thomas Kishaba, A.A.  
Beverly Jean Kotilinek  
Augusta Jean Mills  
Patricia Lou Paul  
Robert Melvin Paulson  
Mary Grace Sanford  
Jack Jerome Schiff  
Marcia Jeanne Strout  
Barbara Ruth Visscher  
Janet Anderson Vitz  
Eileen Julia Wild

† Candidates graduating with honors are identified by differentiated shoulder insignia.

## BACHELOR OF SCIENCE

*In Library Science*

†cum laude

Lorraine Jeanette Steadland, B.A.

## BACHELOR OF ARTS

Jean Marie Halverson Adams  
Joan Elaine Adams, A.A.  
John Kay Adams  
Elaine Aldous  
William Austin Allen  
Margaret Henrietta Alverson  
Mary Kathleen Ames  
Robert Russell Amundson  
Lois Geraldine Anderson  
Orlean Elizabeth Antonson  
Hideaki Arao  
Patricia Dodd Ashworth  
Jean Marie Atmore  
Mary Jane Ba Dour  
Alice Bethana Bails  
Verle June Bakke  
Barbara Ione Barr  
Kenneth Ray Barry  
Richard Baskin  
Carol H. Bath  
Dorothy Jean Battin  
Marjorie Alice Beneke  
Gene Franklin Bennett  
James Rule Frederic Benton  
Howard Clarence Berge  
Robert Leonard Berggren  
Doris Mae Berglund  
Rosemarie Bergstrom  
Betty Jane Berline  
Rosalie Joyce Berman  
James Frederick Blanchard  
Fern Delores Blumberg  
Jean Elaine Bly  
Frederick Garland Bock  
Phyllis Patricia Bock  
Helen Marion Boe  
Charlotte Milan Boener  
Jean Bollman  
Martha Creen Boman, A.A.  
Virginia Lee Boxberger  
Robert Boyer  
Cynthia Harbaugh Brooks

Marian Borghild Brunsdale  
Doris Wentworth Burgh  
Earl Helge Byleen  
Harold Archambo Cahn  
Mary Louise Caley  
Catherine Newell Chadwick  
LaVere Kathryn Chenoweth  
Sarah Ellen Chidester  
\*Phillip Theodore Clark  
Roberta Ruth Claybourne  
Carolyn Comer  
Frank Walker Cooley, Jr.  
David Cooperman  
Shirley Mae Cornwell  
Carl Donald Cost  
Mary Catherine Coulehan  
Janet Anne Cousineau  
Joanne Revelle Crahen  
Phoebe Lou Craswell  
Mary Dahl  
Mary Elaine Dahl  
James Albert Dailey  
John Martyn Danielson  
Audrey Jean Dannecker  
William Gordon Davis  
John Torngren Day  
Muriel Irene Doane  
Shirley Gale Dowden  
Marilyn Duemeland  
Owen Warner Dukelow  
Athalia Wingate Dulebohn  
Priscilla McBride Duscha  
Barbara Ellen Dypwick  
Welles Benner Eastman  
Eleanor Madeline Edwardson  
Fern Lydia Ehlers  
Katherine Aspasia Elafros  
Nolan Hilmo Ellandson  
Shirley Mae Epstein  
Barbara Jones Estenson  
Norma Lee Even  
Margaret Jean Feudner

\* Degree conferred as of June 16, 1945.

† Candidates graduating with honors are identified by differentiated shoulder insignia.

James Howard Fick  
 Anita Patricia Filben  
 Roy Goff Foltz  
 Ruth Mary Forseth  
 Lillian Martha Franklin  
 Robert Geisness Frarey  
 Evelyn Fredericksen  
 Harrison James Freeman, A.A.  
 Betty Lou Brossy French  
 Leslie Vinton French, Jr.  
 R. Fredric Frevert  
 Joan E. Friedmann  
 Eugene Nicholas Friedrichs  
 Doris Alice Fromm  
 Yoshi Fujiwara  
 Jane Chatterton Gager  
 Marjorie May Garlock  
 Marjorie Louise Gebhart  
 Carolyn Elizabeth Gile  
 Betty Gilles  
 Jean Ann Godbersen  
 Dorothy Goldish  
 Helen Hammond Connella  
 Milton William Goslin  
 Elizabeth Lynne Gould  
 Patricia Culbertson Graham  
 Barbara Fritsche Grandin  
 Patricia Elizabeth McNary Gregory  
 Richard Gridley  
 Patricia Ruth Griffith  
 Margaret Elizabeth Grinols  
 Joan Dorothy Grogan  
 Nancy Ann Guetzloe  
 Frances Eleanor O'Connor Gunn  
 Mary Jean Haig  
 Winnifred Lucie Halcrow  
 Corrinne Marilyn Halper  
 Mary Nancy Hanlon  
 Malcolm Maurice Hardin  
 Mary Jo Harris  
 Marilyn Vivian Zweigart Hartje  
 Joan Lester Hartman  
 Ann M. Haskell  
 Dorothy Ruth Hatfield  
 Dorothy Bartlett Hawley  
 Elizabeth Ellen Heath  
 Margaret Lorraine Hedenberg  
 Mary Jane Harvat Hein  
 Vincent Stephen Henderson  
 Frederick Charles Heneman, Jr.  
 Mildred Jean Henly  
 Richard James Hennessy

Hazel Jean Henrici  
 Joyce Louise Hertog  
 Paul Maxon Hill  
 Margaret Jane Hills  
 Roba Mae Hoag  
 Allen Hodges  
 Darrell G. Hoffman  
 Donald Robert Holland  
 Thomas Horty  
 Joan Claire Hovde  
 Phyllis Jane Hubbard  
 Rupert Mitchell Jastram  
 Carolyn Rae Johnson  
 Cleo Elizabeth Johnson  
 Donald Warren Johnson  
 Edna Elizabeth Johnson  
 Jean Rudella Johnson  
 Robert Bernard Johnson  
 Robert Theodore Johnson  
 William John Johnson  
 William Randolph Johnson  
 Bette Marie Jones  
 Howard Wesley Jones  
 Judith Muriel Jones  
 Herbert Wayne Julien  
 Albert Dray Jurgens  
 Karol Ann Kaiser, A.A.  
 Ann Helen Kaproth  
 Virginia Potter Keen  
 Margaret Anne Kiley  
 Florence Ann Kimball  
 Barbara Kingsford  
 Marion Elizabeth Koch  
 Francis Albin Kocourek  
 Theodore John Konig  
 Mary Ann Kooser  
 William Amede Kramm  
 Ethelind Krawetz  
 Gloria Louise Kregel  
 John William Kuth  
 Ruth Page Ladd  
 William Brian Lahiff  
 Enid Adelle Langman  
 James Dean Larson  
 Paul Albert Lawson, A.A.  
 Daryl Lembke  
 Helen May Lethert  
 Harriet Jean Le Tourneau  
 Audrey Doris Levy  
 David Joseph Lewis, Jr.  
 Shirley Elizabeth Lilleboe  
 Mona Louise Lindahl

John Henry Livingston  
Virginia Purcell Locke  
Elisabeth Pratt Loevinger  
Kenneth Raymond Lorch  
Maurice Frederick Luby  
James Markham Lufkin  
Ethel Louise Lunde  
Louis Ross Lundgren  
Richard Hale Lyon  
Robert Irwin Macey  
Catherine Margaret Malthouse  
Stanley M. Mandel  
Peter Nathan Marcus  
Joan Margulies  
Grace Mariette  
Rose Ann F. Markert  
Margaret Mutchler Martin  
George William Martinson  
Alice Miyoko Matayoshi  
Marilyn Earlene Maxwell  
Ruth Margaret McBride  
James Harry McCarthy, III  
Harold Francis McClure, B.Th.  
Theresa Louise McElwee  
Barbara May McIntyre  
Le Roy E. Miles  
Janet Elaine Millea  
Helen Hornung Miller  
Janet Miller  
Martha Anne Miller  
Elizabeth Louise Mindrum  
Marjorie Lucille Mindrum  
John Patrick Moran  
Helena Gene Morris  
Earl Henry Mosiman  
Robert Darrell Moulton  
Ceceile Murphy  
Elizabeth Edgar Murray  
Jergen Dewey Nash  
Robert Wendell Naughton  
Lois Naugle  
Barbara Virginia Neander  
Barbara Jeanne Nelson  
Barbara Louise Nelson  
Dorothy Elvira Nelson, A.A.  
Marilyn Jean Nelson  
Marion John Nelson  
Peggy Jane Nelson  
Dorothy Louise Nori  
Michelin O'Connell  
Olive Jean Odegard  
George Marti Olsen

Odeen Graydon Olson  
Patricia Mae Olson  
Sander Leroy Olson, Jr.  
Kenneth Opstein  
Evelyn Oriol  
Dorothy Zimmerman Owens  
Peter George Pafiolis  
George Bennett Parsons  
Olga Victoria Pastuck  
Joan E. Patten  
Frances Jane Peters  
Howard Malcolm Peterson  
Kurt Gerhardt Otto Pinke  
James Edwin Popovich  
Kermit Earl Prince, Th.G., Th.B.  
George Kronberg Pritchard  
Naomi Marie Anne Quevillon  
Ann Louise Quigley  
Francis Vincent Raab  
Lauretta Dunphy Racer  
John Lincoln Raihala  
Beverley Jane Ranning  
Donna Carol Rask  
James Jay Raun  
Sarah Jane Rayman  
Helen Louise Reed  
Benito C. Renteria  
Clarus Warren Rice  
Elizabeth Ann Riley  
Joyce Doris Ringbloom, G.D.H.  
Edwin Gay Robb  
Edith Londer Robbins  
Anne Mary Robertson  
David Arthur Roden  
James Paul Roers  
Phyllis Maxine Rollag  
Kathryn Anne Roth  
Russell Frederick Roth  
Mary King Rothschild  
Lucille Josephine Rouse  
George Vincent Ruona  
Gordon Albert Ruth  
Mary Patricia Ryan  
Norman Carsten Sabee  
James Burton Samuelson  
Gregory Anthony Schissel  
Shirley Lee Schwartz  
Edith Seidel  
Mary Ellen Sexton  
Neal Nathan Louis Shandler  
Virginia June Shepherdson  
Patricia Marjorie Sheppard

Herman Joseph Sittard  
Jennie Alice Skarien  
Catherine Ankerson Sleavin  
Eva Ninette Holmquist Smith  
Marian Blanche Smith  
Norma Lucille Smith  
Russell Ward Smith  
Sidney Fitz Randolph Smith  
Anton Donald Soderman  
Nicolette W. Spell  
Marla Jo Stanford  
Sara Curtis Steele  
Beverly Ann Steichen  
Genevieve Margaret Stember  
Lucretia Cordelia Story  
Raymond Harlan Struble, Sr.  
Charles Henry Stuebe  
Richard Edward Sturre  
James Raymond Sunwall  
Edward William Swenson  
Ella Jean Taplin  
Eugene Raymond Tarnowsky  
Robert Eugene Teien  
Geraldine Ellen Thomas  
John Owen Thomas  
Dorothy Jean Thorp  
James David Thueson  
Evelyn Ruth Tjoren

Laurel Dee Truman  
Winifred Louise Tucker  
Jean Elizabeth Turgeon  
Harry Willison Turner  
Mary Patricia Walsh  
Mary Cyrus Ward  
Mary Lucene Webster  
Lillian Marie Wedum  
Morris Joseph Weinberger  
Betty Jane Weissinger  
Charles Verlin Wells  
Lucile Beth Rogers West  
Walter Calvin West  
Rosemary Charlene Westphal  
James William Whalen  
Emily Adair Wheeler  
John Spencer White  
Henry Maybury Whiteman  
Geraldine Wiggins  
Walter Llewellyn Wilder  
Gloria La France Williams, A.A.  
Lucille Anita Wise  
Bryce Wasson Woerner  
Jeanne Frances Wolkerstorfer  
Mary Elizabeth Womack  
Betty Jean Wykoff  
Elizabeth Ames Wyman  
Barbara Klock Young

#### BACHELOR OF SCIENCE

Clifford Leeds Bauman  
Shirley Joan Bohlmann  
Alberta Barbara Dwelle  
Helen Ophelia Nielsen Eaves  
Anita Norma Gordon, A.A.  
Sadye Inez Harris, B.A.  
Elin Holst

Gordon Albert Holt  
Marvin Robert Jemspa  
Harris Dean Kost  
Arline Thelma Solon  
Santa Marie Surge, A.A.  
Alyce Mae Underhill  
Mary Agnes Wolfe

#### BACHELOR OF SCIENCE

##### *In Library Science*

Margaret Henrietta Alverson  
Lauramae Cutler, B.A.  
Lorene Mathwig Linder, B.A.

Marcile Virginia Merches, B.A.  
Gertrude Lucile Miller, B.A.  
Beverley Jane Ranning

#### INSTITUTE OF TECHNOLOGY

Candidates presented by Samuel C. Lind, Ph.D., D.Sc.,  
Dean of the Institute of Technology

#### BACHELOR OF AERONAUTICAL ENGINEERING

*†with high distinction*

Donald Coles

Lawrence Edgar Craig

† Candidates graduating with honors are identified by differentiated shoulder insignia.

## BACHELOR OF ELECTRICAL ENGINEERING

†with high distinction

Robert Elmer Dean Anderson	Robert Edward Malm
Allan Eugene Hassinger, B.S.	James Henry Paquin
Francis Jerome Kripps	Masao Sakamoto
Herbert Jennings Macemon	Keith Hayles Sueker

## BACHELOR OF MECHANICAL ENGINEERING

†with high distinction

Hayden George Wilcox, Jr.

## BACHELOR OF CHEMICAL ENGINEERING

†with high distinction

Robert White McKee	Harold Andrew Sannes
--------------------	----------------------

## BACHELOR OF CHEMISTRY

†with high distinction

John Lynde Anderson

## BACHELOR OF AERONAUTICAL ENGINEERING

†with distinction

Arthur Nitikman	Harry Hiroyuki Shibata
-----------------	------------------------

## BACHELOR OF ARCHITECTURE

†with distinction

Perry Spencer Clark	William Julius Estebo
---------------------	-----------------------

## BACHELOR OF CIVIL ENGINEERING

†with distinction

Archie Hyttsten Johnson	James Arthur Luedke
-------------------------	---------------------

## BACHELOR OF ELECTRICAL ENGINEERING

†with distinction

Martin Wilbert Croze	Ken Matsumoto
Edward Charles Glass	Donald Gregory Moore
Randolph Larson	Gerald William Smith

## BACHELOR OF MECHANICAL ENGINEERING

†with distinction

Raymond Aurel Bennett	Frank Merrill Monroe
Gordon Lowell Blesi	Henry Aldrich Montillon, B.S.
Max Alwin Butterfield	Harold Sylvanus Morton, Jr.
John Harland Dittfach	Glenn Allen Norsted
Hugh Hiroshi Kasai	Milton Archie Williams
Harry Mills Kiley	Marvin Yarosh
Lee Olen Mayer	

† Candidates graduating with honors are identified by differentiated shoulder insignia.



## BACHELOR OF CHEMICAL ENGINEERING

†with distinction

Erwin Willis Brown, B.S.  
Ardel John Flynn

Milton Samuel Lev

## BACHELOR OF METALLURGICAL ENGINEERING

†with distinction

James Everest Toepel

## BACHELOR OF AERONAUTICAL ENGINEERING

Richard David Bartsch  
Richard Dale Bergan  
Rodney Clayton Bray  
Kenneth Walter Christopher  
Fred Emmert, Jr.  
Fredrick Lewis Holmberg  
Robert Melton Howard  
Dennis Hoff Johnson  
Elmer George Johnson  
Robert V. Kivlin, Jr.  
Fernand Charles Klees  
Jean Marie Kusnerek  
William Harold Lindesmith  
Dean Clifford Lindquist  
Robert George Lusian, B.S. in Naval  
Technology, B.M.E.  
Donald William Martin

Vernon Forrest Nelson  
Paul Andrew Norquist  
Clifford Northfield  
Robert Francis Ouimette  
George Pappas  
Merwin Dale Pearson  
George Ludger Pratt  
William Fredrick Reiser  
Rolland Joseph Robertson  
Robert Holmes Sexton  
Allen Melvin Smith  
Mary Jane Teigen  
John Edward Tomassoni  
John Edward Tyrholm  
John Harvey Wastvedt  
Howard Burton Woody

## BACHELOR OF ARCHITECTURE

Paul Noyce Coates, Jr., B.S.  
Lois Jean Findsen  
Oscar Reuben Johnson, B.S.

Roger Whiting Patch  
William Frederick Vosbeck, Jr.  
Joseph Jerome Weichselbaum, B.S.

## BACHELOR OF CIVIL ENGINEERING

Russell Clayton Anderson  
Ancil Percival Berg  
Robert Joseph Cleary  
Karl Dedolph, Jr.  
James Clayton Grant  
Kenneth Roger Haeusler  
James George Heins  
Kenneth A. Hirschey  
James Howard Howlett  
Alice Mary Jarvis  
Edward Robert Jereb  
Carroll Owen Jones  
Robert Byron Kimball

John Edward Meyer  
Robert Raymond Palmer  
Earl Vincent Rosengren  
Colin Frithiof Samuelson, B.S. in  
Naval Technology  
Donald Earl Severson, B.S. in Naval  
Technology  
Donald Verne Smith  
James Vincent Sullivan  
Delbert Harold Tammen  
Harry Garfield Thompson  
Jack Albert Zeleznikar

† Candidates graduating with honors are identified by differentiated shoulder insignia.

## BACHELOR OF ELECTRICAL ENGINEERING

Robert Abbey, B.Phys.  
John Alexander Becker  
Melvin Robert Bronson  
Lowell Marvin Brown  
Glenn Lee Buettner  
Stafford Van Arnam Christenson  
Robert James Corbett  
James Dwight Elrod  
Ben Garber  
Donald Peter Goiffon, B.S.  
Frederick Walpole Grahame, Jr.  
Edward Harry Hagbloom  
Harold Louis Hausladen  
James Isaacson  
Paul Whidden Jansen  
John Andrew Johnson

Philip Ivan Johnson  
Philip Ray Johnson  
Homer Russell Madson  
Herbert William Makela  
William Joseph Miller  
Julius Morton Rivkin  
Lawrence Everette Rodewald  
Maurice Rossoff  
Donald Henry Rudd  
James Lawrence Rynning  
Warren Eugene Stenstrom  
Owen Howard Swenson  
Clare Vincent Watters  
Paul Stuart Williams  
Gerald Reed Willis

## BACHELOR OF MECHANICAL ENGINEERING

Clarence Sayers Arity, B.S. in Naval  
Technology  
Robert Piper Atkinson  
Fred Arthur Bentz  
Roy Alfred Berg  
Frank Rolland Bertelson  
Donald Sargent Bonsell  
James Russell Borgerding, B.S. in  
Naval Technology  
William Snyder Branch  
Donald Edwin Brand  
John Lawrence Carlson  
Robert Roy Casey  
Sheldon Mills Childs  
Donald W. Chisholm  
Raymond Joseph Des Chene  
Warren Robert Elert  
Leif William Ericksen, B.Aero.E.  
Melvin Edward Evans  
Donald Theodore Eyberg  
Bert Fredricksen  
Donald Stanley Freeman, B.Aero.E.  
Oscar Gustave Frykman  
John Ernest Gaede  
Ralph Homer Gilbert  
Norman Robert Gilino  
Vaughn Randall Groom  
Horace Max Hartwig  
Francis Gustaf Hazelroth  
George Bernard Hickner  
Ralph Anton Holmberg

John Theodore Bradford Hultgren  
Lloyd Andrew Johnson, B.Aero.E.  
Theodore Robert Kernkamp  
LeRoy O. Lee  
William Dyer Linder  
Donald Everett Livingston  
Lloyd Edward Lundahl, Jr.  
Charles Henry Lunn  
Earl Landsrud Mahachek, B.S. in  
Naval Technology  
Don Warren Mathison, B.Aero.E.  
Gerald Beecher Merriam  
Louis Leonard Mrachek  
Leon Miles Nelson  
Ralph Albert Olson  
Charles Esmond Pain, III, B.S.  
Norman Theodore Peterson  
John Augustus Piccard  
Howard Clarence Pirsig  
Zinon Christ Possis  
Arthur Elmer Putilo, A.S.  
William John Roell  
Hertel Arneson Sandven  
Evan Dale Scheele  
Joseph Frederick Sladky  
Roy Mavis Spilman  
James John Squillace  
George Charles Swanbeck, Jr.,  
B.Aero.E., B.B.A.  
Donald Burton Sweely  
Donald Stuart Taber

James Athol Thayer, B.Aero.E.  
William Edward Tipping, Jr.  
Merlin Rudolph Uebelacker  
Eugene Harold Vanhala

Richard Charles Waltz  
Phillip Jerome Watterberg, B.S.  
Donald Richard Wedan  
Henry Eugene Welch

### BACHELOR OF CHEMICAL ENGINEERING

Marvin Arthur Adams  
John Wetzler Adler  
Robert Donald Austin  
Robert William Batey  
Eugene Collen Bredeson  
John Bernard Condon  
John William Erickson  
David Carlton Gabe  
Eugene Edward Gauthier

Roberta Ann Huston  
William Albert Jarvey  
Robert Gordon Lunche  
Erling Olaf Olsson  
William Thomas Paulson  
Arthur LeRoy Severson  
Allyn Ross Skelton, Jr.  
William Joseph Uber

### BACHELOR OF CHEMISTRY

Robert Morris Baker  
John Anthony Curtis

Albert Cochran Holler

### BACHELOR OF METALLURGICAL ENGINEERING

Richard Evald Dahlquist  
Lyle David Gutsche  
Donald Herman Regelin

Benjamin Stephens Richards, Jr.  
Jack Harry Wernick  
Charles John Williams

### BACHELOR OF MINING ENGINEERING

Robert Young Jensen  
Harlan Warner Johnson

Richard Henry Mick

### COLLEGE OF AGRICULTURE, FORESTRY, AND HOME ECONOMICS

Candidates presented by Henry Schmitz, Ph.D., Dean of the  
College of Agriculture, Forestry, and Home Economics

#### BACHELOR OF SCIENCE

*†with high distinction*

*(Course in Home Economics)*

Maryann Krecklow

#### BACHELOR OF SCIENCE

*†with distinction*

*(Course in Agriculture)*

Lawrence Paul Cunningham

Donald Morris Nelson

*† Candidates graduating with honors are identified by differentiated shoulder insignia.*

(Course in Forestry)

Edwin W. Mogren

(Course in Home Economics)

Blanche Joan Barnhart  
Merme Bonnell

Louise Marie Godwin  
Marian Haruko Sugiyama

(Course in Science Specialization)

Wesley Harrison Gray  
William Robert Kneebone

Albert A. Piringer, Jr.

BACHELOR OF SCIENCE

(Course in Agriculture)

Richard Benhard Behrends  
John O. Benson  
Joseph Lawrence Berg  
Elmer Hans Edward Bruhn  
John Nicholas Dobner  
Frank Andrew Duncan  
Francis B. Fisher  
Austin Joseph Hayden  
George Lasley Head  
Robert William Hinz  
Harold J. Jindra  
Leo Keskinen  
Henry Corbin Klauser, A.A.  
Anton Miles Kofranek

Leslie Mathew Nelimark  
Albert Harold Nickels  
Oliver Bernard Nypan  
Norbert Gustof Nystrom  
Orlowe Martin Osten  
Robert Henry Ramin  
Wyland Norman Skamser  
Harris John Sorensen  
Dean Amund Stanley  
Elwood Anthony Thronrud  
Joseph Lloyd Walstad  
Wendell Duane Wessman  
Frank William White, Jr.  
Martin Wyler

(Course in Fish and Wildlife Management)

Ralph Edgar Bailey

Ingalf Gilbert Bue, B.S.

(Course in Food Technology)

Eugene James Guy

Everett Carl Lindh

(Course in Forestry)

Ralph Leo Anderson  
Richard Henry Bernzen  
Thomas K. Connors  
Lawrence Nauman Flynn  
Ray M. Jacobs  
Russell Glenn Knutson

Ralph Warren Law  
Orville Edwin Lind  
Chester Howard Olson  
Howard Einar Olson  
Joseph J. Reilly  
Warren Arnold Vong

(Course in Home Economics)

Joyce Eileen Ahlers  
Joyce Elizabeth Bonnell  
Ellen Rue Brown  
Gloria Marilyn Butter  
Mary Ellen Butterfield

Mary Jane Clements  
Betsy Faber Davis  
Marjorie Elizabeth Fletcher  
Patricia Jean Greve  
Betty Jeanne Hammes

Irene Lucia Hogan  
Mary Elizabeth Johnson  
Maryanne Elizabeth Jones  
Phyllis Jean Kaercher  
Shirley Ann Krantz  
Joan Ann Murray Leacock  
Barbara Marilyn Martin  
Camille Cecile Martineau  
Elizabeth Jean Metcalf

Lucille Florence Nanfelt  
Hildegard Josephine Nypan  
Elizabeth Mary Peterson  
Verna Louise Poppe  
Virginia Ann Reid  
Edna May Snead  
Alice Stang  
Mary Louise Weber

*(Course in Science Specialization)*

Norman Eiler Krog

Joseph Victor Reger

**MASTER OF FORESTRY**

William F. Brede, B.S.

Russell William Johnson, B.S.

**LAW SCHOOL**

Candidates presented by Everett Fraser, B.A., LL.B.,  
Dean of the Law School

**BACHELOR OF SCIENCE**

*In Law*

Osborne Becklund  
Earl Charles Borgeson  
John Theodore Cajacob  
Edward Thorwald Christian, A.A.  
Warren Charles Christianson, B.B.A.  
Ralph John Erickstad  
David Roch Fortier  
Conrad MacCormack Fredin  
Kermit Arthur Gill  
Curtis Jones Hall  
John Edward Haverly  
Eugene Lawrence Heck  
Phillip Henry Kelber  
Herbert Clifton Kroon  
Arnold Vernon Kuehn

Hugo Arthur Laine  
Robert Ingram Lang  
John Arnold Larson  
Clayton LeMont LeFevere  
William Warren May  
Leo F. Murphy, Jr.  
Hartley Nordin  
George L. Powell  
Thomas McManus Quayle  
Herman Joseph Ratelle  
Joseph Alfonse Rheinberger  
Lester Leroy Sokol  
Robert Francis Sprafka  
Lawrence Harvey Williams  
William Earl Williams

**BACHELOR OF LAWS**

John Finch Arneson, B.A.  
Robert Marshall Austin, B.S.L.  
John Andrew Bauman, B.S.L.  
Charles Robert Beattie, Jr., B.B.A.  
Theodore Stanley Bloom, B.A.  
John Robert Callender, A.A., B.S.L.  
Edward Irving Carlson, B.S.L.

Maynard Burton Hasselquist, B.S.L.  
William Dennis Hawkland, B.S.L.  
Horace Ervin Hitch, B.S.L.  
Sam Idelkope, B.S.L.  
Richard Warren Johnson, B.S.L.  
Robert Wesley Johnson, B.B.A.  
Joseph Abbott Katz, B.S.L.

Robert Kelber, B.S. in Econ.  
Hugo Arthur Laine  
Russell Laverne Larson, B.S.L.  
Roderick Adams Lawson, B.A.  
Richard Callender Maxwell, B.S.L.  
William Charles Meier, Jr., B.S.L.  
Thomas Joseph Murphy, B.A.  
Maurice Orvin Nelson, B.A., B.S.L.  
Robert Waldemar Nyquist, B.S.L.

Timothy Paul Quinn, B.S.L.  
John Malcolm Sharp, B.S.L.  
Osmon Rutherford Springsted, B.S.L.  
John Edwin Volden, B.B.A.  
Laird Douglas Waldo, B.S.  
Peter Firman Walstad, B.S.L.  
William Paul Westphal, B.S.L.  
Richard Milton Wingquist, B.A.,  
B.B.A., B.S.L.

## MEDICAL SCHOOL

Candidates presented by Harold S. Diehl, M.A., M.D., D.Sc.,  
Dean of the Medical Sciences

### BACHELOR OF SCIENCE

†with high distinction

(Course in Medical Technology)\*

Donna Jeanne Laker

Ellen Lucille Omernik

(Course in Public Health Nursing)

Sarah Jean Anderson

### BACHELOR OF SCIENCE

†with distinction

(Course in Medical Technology)\*

Catherine Mary Arens

Mary Eileen Kauth

Ruth Jean Bienhoff

Georgia Mae Rietz

Betty Ann Burnes

Joyce Arda Stolen

Maxine Virginia Jones, B.A.

(Course in Physical Therapy)

Kathleen Helen Culligan

(Course in Public Health Nursing)

Lois Elaine Colberg

Laura Elizabeth Nelsen

Elizabeth Ann Czizek, R.N.

Margaret Floy Nelson

Mary Ethel Downey

Mary Valeria Ward, B.A.

Evelyn Beatrice Horstman, R.N.

Dorothy Carolyn Webbeking

Gladys Christine Lyng, B.A.

Mildred Gartner Wells

Hannah Eileen MacHenry

† Candidates graduating with honors are identified by differentiated shoulder insignia.

\* These degrees are conferred subject to satisfactory completion of required practical work prior to December 18, 1947.

## BACHELOR OF SCIENCE

### (Course in Medical Technology)\*

Rosemary Bentson	Dorothy Caroline Keranen
Shirley Grace Chapman	Lorraine Anne Lopic
Irene Ruth Chucker	Avis Pauline Larson
Rita Marie Curtis	Frances Grace Larson
Donna Corrine Dalquist	Jeannette Levich, A.A.
Eleanor Fenlon Davies	Mary Louise Limond
Dorothy Ruth Dodsworth	Audrey Hope Naas
Mary Kathleen Dudley	Marianne Pribble
Elizabeth Ann Eckhoff	Jacqueline Callies Rayman
Olga Eklund	Frances Meredith Rieke
Catherine Margaret Gladson	Anne Blaine Rothschild
Saranette Goldman	Shirley Rose Rynda
Barbara Jeanne Hanson	Jane L. Soderlind
Marian Frances Harbo	Clarice J. Opdahl Stearns
Stellamae Therese Hart	Genevieve Frances Swanson
Ruth Irene Heinemann	Mary Ruth Welshons
Harriet Ann Helming	Mildred C. Wicklund
Carol May Hudy	Virginia Ann Winkle
Grace Barbara Johnson	

### (Course in Medicine)

Windon Hewett Davis	Richard James Salk
---------------------	--------------------

### (Course in Physical Therapy)

Florence Elizabeth Burk	Edna Mae Irons
Rita Rose Feuerstein	Ruth Adell Loomis
Donald William Harris	Donna Louise Pauley
Percia Anderson Hutcherson	Joan Adele Schleck

### (Course in Public Health Nursing)

Jane Elizabeth Barnes	Helen Julia Lobe
Mary Louise Belair	Helen Jean McIver
Cecilia Barbara Biernat	Eleanor Frances Mock
Mary Francis Black	Dorothy Phillis Naiditch
Margaret Marie Christenson	Irene H. Narloch
Phyllis Gagstetter Colbert, R.N.	Patricia Bird Ough
Margaret Hearn Dowd	Shirley Carolyn Ann Rauk
Elsie Louise Eggers	Ethel Wheeler Regan
Phelba Lorraine Enevold	Betty Agnes Reif, R.N.
Lavenia Martha Fulton	Dorothy June Childgren Reinartz
Dorothy May Gates	Phyllis Jane Parker Ring
Emily Jennie Getz	Sally Warden Snider
Ann Gurley	Esther Mary Sorensen
Helen Roberta Hicks	Marjory Ann Spooner
Elizabeth Bernice Hopponen	Ann Marie Thorsell
Rita Karsner	Elizabeth Charlotte Tingloff
Effie Martha Lee	

\* These degrees are conferred subject to satisfactory completion of required practical work prior to December 18, 1947.

(Course in X-Ray Technology)\*

Mary June Andersen

Elizabeth Ann Athens

MASTER OF PUBLIC HEALTH

Charles Peter Ibs Bergtholdt, B.A.

Roderick Francis Bott, B.S.

Opal Carl, B.S.

Hershel Engler, C.E.

Harry Hollis Ennis, M.D.

Harlan Goodwin Formo, B.Ch.E.

Hylde Harp, B.S.

William Congdon Harrison, B.S.,  
M.B., M.D.

Helen L. Knudsen, B.S., B.A., M.B.,  
M.D.

Allen Norman Koplín, B.A., M.D.

Harold Ludwig Lutz, B.S.

James Lieberman, V.M.D.

Milton Ervine Lindemann, B.S.

Guillermo Diaz Lira, M.D.

Bichat De Almeida Rodrigues, M.D.

Abraham Benjamin Rosenfield, B.S.,  
M.D.

Thomas Byron Schultz, B.S.

Albert Soucek, B.S., D.D.S.

Ruth Hamilton Sprague, B.S.

Roland J. Stapf, B.S.Ch.E.

Robert Craig Tyson, B.A.

SCHOOL OF DENTISTRY

Candidates presented by William H. Crawford, D.D.S.,  
Dean of the School of Dentistry

GRADUATE DENTAL HYGIENIST

Lois Marie Allen

Shirley Mae Anderson

Laura Jean Blewett

Maxine Helen Bolstad

Joan Charlet Dahl

Ruth Mary Davis

Lois Elmquist

Margaret Jane Finley

Darlene Minnie Hoffman

Arlene Virgyle Jacobson

Harriet Olive Lane

Luetta Dorothy Larsen

Jeannette Knutson McLaughlin, B.S.

Dagmar Mellin

Margaret Charlotte Nordgren

Donna Geraldine Orth

Vernette Dorothy Priebe

Carol Helen Ries

Gloria Mary Ries

Marian Frances Ringdahl

Patricia Jensen Rossi

Jean Winifred Sawyer

Virginia Carey Smith

Viola Marie Swedberg

Ardis Anne Tyndall

Lois Ann Van Campen

Ardis Lucile Wall

Phyllis Marian Weeks

Corinne Ann Wernstrom

Violet Rose Wydra

DOCTOR OF DENTAL SURGERY

Richard Thomas Addy, B.A.

Ray Warren Alcox

Robert William Anderson

Lloyd John Arhant

Milton Albert Bartsh

Roy Edwin Bengtson

Lambert Ardine Benson

Gerald Harvey Besen, B.S.

Norman Peter Bjornnes, B.A.

Jerome Martin Bronfman, B.A.

Donald Rittenhouse Christie, Jr.

Orten Manferd Christopherson

Sidney Chucker

Melvin Davidson

\* These degrees are conferred subject to satisfactory completion of required practical work prior to December 18, 1947.



Burt Paul Deason  
Quentin Alan Dunnum  
Irwin Eisenfeld  
Gordon Melvin Emerson  
Louis Fidel, B.A.  
Vernon Donald Foshager  
George W. Frost, Jr.  
Verne Eugene Frost  
Toshio Furukawa, B.A.  
Paul Ernest Gallea  
Murray Gansberg  
Philip Gladstein  
John Mathias Gosche  
Irving Bernard Grouse  
William Augustus Gualtieri  
Frank Peter Heck  
Irving Herman  
John Andrew Herseth  
Dennis Edward Hogan, Jr.  
Norman Oscar Holte, B.S.  
Norman Richard Johnson, B.S. in  
Pharm.  
David Lowell Kahn, B.A.  
Peter Frank Kappel  
Henry Monroe Kesselman  
Henry Gerald Kolsrud, Jr.  
Zenith Kremen  
Harold Jerome Kristal  
Robert Gerald Kroll  
Nelson Calvin LaDue  
Harold Edwin Lager  
William Robert Lauer  
Robert Warren LeFavor  
Sherman A. Levenson

Irwin Light  
Erland Odin Lindquist  
Margot Linz  
Roderick Latimer Lister  
John Minton Lundquist  
John Kline Madsen  
Julius Morris Maslow  
Gerald Herbert Milner  
Clayton Herman Morningstar  
John Hugh Murphy  
Teruo George Nishida  
William Joseph Norman  
Arthur Ojala  
Shigeo Omura  
Burton David Ostergren  
Allan Donald Petersen  
Oscar R. Quamme, B.S.  
Mark Raymond Renneke  
Nathan Rosen, B.S. in Pharm.  
William Basil Savchuck, B.S.  
Irving Schloner  
James Rudolph Seifert  
Adrian Ellsworth Sorenson  
Leo Anton Spanjers  
Saul Sigmund Stahl  
Robert Lester Stephens  
Philip Anthony Stoll  
William Lawrence Strong  
Lewis J. Taich  
Charles William Vandas  
Jerome Roland Wicklund  
John Robert Wilcoxon  
Lawrence Sumner Wright, B.A.

## COLLEGE OF PHARMACY

Candidates presented by Charles H. Rogers, D.Sc.,  
Dean of the College of Pharmacy

## BACHELOR OF SCIENCE

### *In Pharmacy*

Robert Ricard Anderson  
James Andrew Erckenbrack  
Richard Waldemar Falk  
Merdes Babbette Fjone  
Allen Lester Gottlieb  
Charles Fred Griffin  
David Blackburn Harries  
Murel Avery Janssen

Ruth Norine Jensen  
Charles Wells Kelly  
Rose Marie Anne Kloskowski, B.A.  
Jean Louise Kotchevar  
John Paul Madura  
Virgil L. Magnuson  
John Hanson Mueller  
George Paulson, Jr.

Elliott Franklin Royce, B.S.  
Constance C. Shears  
Homer Durrell Silcher  
Shirley Ann Sommer  
Jeanne Marcile Stageberg  
Phyllis Hanson Treinen

Richard Othmar Treinen  
Leander Peter Wagner, B.S. in Chem.  
Rolf Stanford Westby  
Mary Anna Wolter  
Peter David Zimmerman, A.B.S.  
Roman John Zweber

### COLLEGE OF EDUCATION

Candidates presented by Wesley E. Peik, Ph.D.,  
Dean of the College of Education

#### BACHELOR OF SCIENCE

†with high distinction

Lois Maxine Beebe	Ila Mae Berg Langguth
Herman William Bockus, Jr., B.B.A.	Geraldine Elizabeth LaRocque
Enid Georgianne Erickson	Lois Mae Neff
Winifred Marie Geisel, R.N.*	Borghild Mathilde Rholl*
Janice Hale Herrmann	Lois Reed Stephens Stokes*
Georgia Elaine Johnson	

#### BACHELOR OF SCIENCE

†with distinction

Helen Reed Abbot	Barbara Louise Jordan
Gordon Bernhardt Bergum	Frank Louis Krzysnik
Robert Emmet Claassen	William Frank Lindgren
Irene Claire Fawcett*	Miriam Pauline Mandell
L. Jean Ferrin*	Virginia Montgomery
Muriel Ruth Gustafson	June Clare Phillips
Niilo Edward Hendrickson	Barbara Jean Rumball
Bernice Cecile Hudson, B.A.*	Charlotte Eva Seifter
Elizabeth J. Indihar, A.S.	Eleanor Anne Walsh

#### BACHELOR OF SCIENCE

Margaret Ackerman	Theresa Battaglia*
Mary Helen Agnew	Margaret Beall, A.A.
Betty Margaret Alexis	Clara Rose Bednar
Avis Marie Anderson	Lois Jessie Benson
Donald Richard Anderson	John Eldon Berg, A.A.
Truman Byron Anderson	Roselle Emmaline Berg, R.N.*
Vanner Fred Anderson, Jr.	John Bicanich
Marian Rosella Anenson, R.N.*	Gladys Ruth Biller, A.A.
Betty Jean Atcherson*	Robert John Bjorklund
Dorothy Lundstrom Balch, A.A.	Gloria Marie Blasius*
Maline Balian	Rayburn Warren Bonstrom
Edgar Gerald Barton	Barbara Virginia Borman

\* Nursing Education Curriculum.

† Candidates graduating with honors are identified by differentiated shoulder insignia.

Rolland Oliver Bowler  
Helen Mae Brisbois  
Paula Pauline Brogmus  
Milton Sidney Brooks, A.A.  
Ruth Elizabeth Brown  
Myrle Elizabeth Brunzell  
Mary Elizabeth Bowen Buchanan  
Eleanore Lucille Buethé\*  
Joyce Lorraine Byers  
Helen Virginia Carlson\*  
Virginia Carol Carlson  
Joseph Peter Cavaleri  
Virginia Joan Combs  
Constance Cowan  
Virginia Ann Craig  
Virginia May Crawford  
Virginia May Curry\*  
Warren Lee Dahlstrom  
Irma Harriette Davis  
Helen Ardis Dobbin  
Shirley VanVuren Dwyer  
Lyle M. Eakins, B.Ch.E.  
Jeanette Louise Ebert  
Conrad Alton Emerson  
Kaoru Endo  
Winifred Eunice Engdahl  
Berneice Caroline Erickson  
Hilda Lila Eslinger\*  
Jean Constance Everett\*  
Ruth Eleanor Falkenberg  
Joan Ostberg Finney, A.A.  
Elaine Delores Floren\*  
Floyd Fingal Foslien  
Herman Frederick Frickey  
Ione Dorothy Furman  
Mary Geraghty  
Geneva Gerischer, B.S.\*  
Harriet Betty Gillespie  
Betty Thomas Girling, B.A.  
Arthur Wellesley Glessner  
Robert Clifford Goldstrand  
Mary Jean Greig, A.A.  
Phyllis Greve  
Phyllis Margaret Gunderson  
Doris Ann Hagen  
Ruth Ann Haker  
Barbara Jean Hanson  
Myrna Mae Hanson  
Nancy Akerson Hauck\*  
Arthur John Hegreness  
Cyril Poses Heiman

Herbert S. Hein  
Mary Helmick  
Irene Alice Hepola  
Ruth Virginia Holappa  
Dorothy Gene Hopfer  
Jean Elizabeth Hopson  
Gloria Hortense Hoversten  
Geraldine Mary Johnson  
Judith G. Johnson  
Robert Phelps Johnson, B.A.  
Ralph Edward Katainen  
William Arnold Kavanaugh  
Theodore Edward Kellogg  
Elta Nadine Kern  
Henry Michael Kipka, B.A.  
Amanda Margaret Kittleson  
Verona Mae Kjenstad\*  
Mary Louise Koester  
Ruth Arlene Koplitz  
Edna Esther Koski  
Leonard Kresoya  
Charles Henry Lang  
Larry Russell Langen  
Carol Lorraine Larson  
Roland Sigward Larson  
Joan Leenay  
Vivian Ann Lenker  
Lucille Edith Leonhart  
Margaret Ann Lewis  
Blaine Gordon Lindskog  
Helen Biske Linehan\*  
Eileen Lois Lodahl  
Francis Robert Lower, A.A.  
Helen Jane Ludlow  
Arnold Lynner Lyslo  
Janet Edman Lyth, A.A.  
Anna Mae Maljean  
Ruth Jean Mandell  
Lucilla Woyda McCluskey\*  
Sara Josephine McGuire  
Mary Ann Priscilla McIntyre\*  
Maxine Ethelyn McKinney  
William Harvey Michelsen, A.A.  
Marion Shaw Mitchell  
Mary Joan Molitor  
Richard Wilder Moore  
Harriet Johnson Morgart\*  
Donald Francis Moriarty  
Harry E. Mortensen  
Aldeane Muehlbach  
Robert Mueller, B.Mus.

\* Nursing Education Curriculum.

Millicent Hinman Myers  
 Muriel Anne Myrman  
 Hardean Kenneth Naeseth  
 Dorothy Merne Nelson  
 Vivian Elaine Newstrom  
 Elaine Mathilda Nordstrom  
 Vernice Stella Melvina Norell  
 Robert George Novotny  
 Robert William Paffrath  
 Lorimer Robinson Palmer  
 Mabel E. Paxton  
 John Anton Pechek  
 Eleanore Lucille Perdelwitz\*  
 Lois Adah Perry  
 Anton Charles Peshek, A.S.  
 Dorothy Esther Peske  
 Alice Joyce Peterson  
 Dora Bredesen Peterson  
 Doris Louise Peterson  
 Mary Ellen Peterson  
 Fred Petrich  
 Philip Arnold Pfenninger  
 William Stanley Phillips  
 Eugenia Marie Pierce, A.A.  
 Joan Lorraine Powers\*  
 Robert Geving Prestemon  
 Jean Luree Radil  
 Beverly Ann Raitt\*  
 Roy Martin Rasmussen  
 June Collins Reinhard\*  
 Ulla Revsbeck  
 Ortha Dorothea Robbins  
 Carol Mary Robin  
 Elaine Rebecca Roholt  
 Mariam Bloom Rosen  
 Ruth Rossiter\*  
 James Eugene Ryan  
 Ira Padden Sanderson

Marjorie Ruth Schoening  
 Betty Jane Sell  
 Barbara Ann Sensenbrenner\*  
 Virgil Ernest Shroyer  
 Edith Margery Sime  
 Margaret Skinner  
 Maryella Smith  
 Joyce Irene Snow  
 Norma Seaquist Sommerdorf  
 Ellen Marie Sorensen\*  
 Harriet Mary Spraitz  
 Richard Joseph Stake  
 June Patricia Staley  
 George Norten Stanley  
 Eleanor Anne Stuart  
 Donald Eugene Sullivan  
 Colleen Anne Summy  
 Betty Lou Swenson  
 Toyoko Tanaka  
 Jean Phyllis Thompson\*  
 Mary Eloise Thorpe, B.S.  
 Loie Elizabeth Tufty  
 Jean Eleanor Tuxworth  
 Mary Ellen Vandanager  
 Mary Alice Volk  
 Cleo-Marie Walworth  
 Isabelle Boie Westby\*  
 Charles DeForest Whitford  
 Margaret Jane Whitney  
 June Lenore Wholleben\*  
 Wesley Henry Windmiller  
 Dorothy Grace Woestehoff  
 Virginia Woodruff  
 Mary Margaret Wynkoop  
 Murlaine Joan Yakey  
 Margaret Elizabeth Young  
 Marjorie Suzanne Youngquist  
 Mary Allen Zeidler

## BACHELOR OF SCIENCE

### *In Library Science*

Seneva Bertha Austin, B.A.  
 Nora Mary Casey, B.S.  
 Elizabeth Anne Dickieson, B.A.inEd.  
 Martha Christine Egeland, B.S.  
 Marguerite Evelyn Grippe, B.A. *cum*  
*laude*  
 Virginia Ethelynn Guild, B.A.  
 Jean Alma Guite  
 Marjorie Jane Gullickson, B.S.  
 Arlene Heist, B.A.

Edith Belle Hesser, B.A.  
 Madie Irene Holty, B.Ed.  
 Dorothy Mae Jefferson, B.S.  
 Irene Emma Ludwig, B.S.  
 Inez Walton Moffit, B.A.  
 Edith Marie Olson, B.A.  
 Ruth Beatrice Sealander, B.A.  
 Jane Dean Strebel, B.A.  
 Gertrude Ella Strohschein  
 Mabel Rosella Sweet, B.A.

\* Nursing Education Curriculum.

## MASTER OF EDUCATION

Ernest Wilbert Anderson, B.A.	Velma Audrey Keefe, B.S.
Orley Glade Burgess, B.S.	Paul Whitney Larson, B.S.
Dorothy Jean Clapper, B.S.	Allan Leonard Niemi, B.S.
Lillian Blaine Crutcher, B.A.	Howard Almer Olsen, B.Mus., B.Mus.
Wilson George Dietrich, B.A.	Ed.
Mary Frances Dolence, B.S.	Victor Harry Rupp, B.S.
Malcolm Solberg Eiken, B.S.	Roland Wilbur Schrupp, B.S.
Loel Dean Frederickson, B.S.	Donald Melvin Snyder, B.S.
Victor Henry Hardt, B.S., B.Mus.Ed.	Earl Ervin Turnblad, B.S.
Paulus Heist, B.A.	

## COLLEGE OF EDUCATION AND THE COLLEGE OF AGRICULTURE, FORESTRY, AND HOME ECONOMICS

Candidates presented by Wesley E. Peik, Ph.D.,  
Dean of the College of Education

### BACHELOR OF SCIENCE

†with high distinction

(Course in Home Economics Education)

Margaret Mary Jacobson	Dorothy May Kutz
------------------------	------------------

### BACHELOR OF SCIENCE

†with distinction

(Course in Home Economics Education)

Carol Rexion Anderson, A.A.	Betty Myrle Schad
Theresa Marie Hickner	

### BACHELOR OF SCIENCE

(Course in Agricultural Education)

Odell Torfin Barduson	Raymond Shirl Mannigel
Joseph Freeman	Leslie Gerald Matts
Amos L. Hayes	Clarence Herbert Roadfeldt
Layton Charles Hoysler	Francis Charles Wingert
Eldon Harold Madison	

(Course in Home Economics Education)

Beryl Lucille Edman	Margaret Eleanor Nelson
Lois Anne Englund	Mary Jean Nelson
Fern Olive Gilbert	Beatrice Ann Petrich
Helen Edith Johnson	Theresa M. Rowan
Gloria Kamps	Lois Elizabeth Ward Thompson
Jeanne Elizabeth Krause	Mary Louise Walker
Ruth Wilhelmina Clara Lieske	

† Candidates graduating with honors are identified by differentiated shoulder insignia.

## SCHOOL OF BUSINESS ADMINISTRATION

Candidates presented by Richard L. Kozelka, Ph.D.,  
Dean of the School of Business Administration

### BACHELOR OF BUSINESS ADMINISTRATION

†with distinction

Stanley Irvin Barenbaum  
Elizabeth Just

Helen Zilliah Patek  
Hibbard Ashton Smith

### BACHELOR OF BUSINESS ADMINISTRATION

Ivar H. Aas  
Beverly Claire Ackerman  
John Wetzler Adler  
Betty Irene Anderson  
George Donald Anderson  
Oliver Martin Anderson  
Paul Frederick Anderson  
Paul Arase  
Edmund Page Babcock  
James Harold Bailey  
Glen Rhodes Baker  
Richard Elmer Baker  
John Lewis Barnett  
Donna Ellen Bartley  
John Reeves Baxter  
Harold Andrew Belsheim  
Lorraine Elizabeth Bennett  
Fred Arthur Bentz  
William Oscar Bergstrom, Jr.  
Duane J. Berkley  
Mary Maxine Binek  
August Hanna Blegen  
Marian Emily Bodlak  
Melvyn Hallin Bolster  
Louis Robert Brewster  
Jack Fredrick Brooks  
Phyllis Mae Buehler  
Max Alwin Butterfield  
Charles Clifford Carland  
Joseph Douglas Carselle  
John Derwin Chandler  
Robert Cole Christenson  
David Blaisdell Clemans  
Esther Cohen  
Madge V. Cookson  
Russell Allsworth Dahl  
Wallace Dahl  
Howard Folger Davies

Robert George Davis, B.S.  
William Andrus Davis  
John Jones Day  
Mary Carroll Donnelly  
Joseph L. Dudovitz  
Neil Colin Duffy  
Virginia Louise Dyste  
Henry George Egan, Jr.  
Robert George Engelhart  
Wallace Eugene Erickson  
Norton Leland Ernest  
Blaine William Evans  
Robert Moffat Fleming, Jr.  
Culver Cleve Floyd  
Oddvar Lied Follestad  
George Thomas Frank  
Harold Norman Fuglie  
Henry Berg Gabrielson, A.S., B.E.E.  
William Joseph Gladwin  
Stanford Leon Goldberg  
Gordon Oscar Graber  
Charles William Grafslund  
James Henry Grenell  
Robert Clayton Gruman  
Ralph Emerson Gruye, Jr., A.A.  
William George Haber  
Oran K. Haggbloom  
Stephen Leo Halpin  
Robert William Hamel  
John Allen Hanner, Jr.  
Helen Sheloah Hanson  
John Palmer Harbison  
Tom Edwin Harder  
James Robert Harper  
James Joseph Harrington  
J. Stanley Harris  
Lyle R. Heier  
Betty Ann Heinrich

† Candidates graduating with honors are identified by differentiated shoulder insignia.

Roy John Herman, B.S.  
 William Joseph Hickey, Jr.  
 William Howard Hite  
 Donald Clarence Hoglund  
 Barbara Norah Horejs  
 Dean Morgan Howen  
 Leslie Earl Hughes  
 Robert Louis Hughes  
 Kenneth L. Jacobsen  
 Arthur Irwin Jaffee  
 Mary Jean Jessup  
 Arthur Job  
 Archie Lerverne Johnson  
 Clyde Allen Johnson  
 Gerald Ogden Johnson  
 Warren LeRoy Johnson  
 Wilton Wendell Johnson  
 Thomas Stephan Jorde  
 Richard Charles Koch  
 Artley Granholm Koski  
 Edwin Myles Lane  
 Lloyd Wadell Larson  
 Russell Oliver Larson  
 Jean Dorothy Lee  
 Roy Wilbert Levin  
 Jerome Anthony Longpre  
 Albert Louis Luger, Jr.  
 Warren Joseph Lundeen  
 Lorne Dale MacIver  
 Raymond Carl Manske  
 Joseph Thomas Marchel  
 William Richard Martin  
 Byrle Ione McCart  
 James Luther McHattie  
 Norman Hockridge McMillan  
 Frank Elery Merry  
 Albert John Merz  
 William Joseph Mich  
 Fern Geraldine Mickelson  
 John Willard Miesbauer  
 Gerald Edward Miller, B.S.L.  
 Myron Douglas Molander  
 Harold Haynie Moore  
 Donald Edward Moritz  
 Gloria B. L. Mortenson  
 Thomas Michael Mullen  
 Obert K. Nelson  
 Gordon John Neset  
 Francis Jerome Neumann  
 Donald Everett Nooleen  
 Vern John Novak  
 Ralph Irving Oasheim

Pearl Elayne Ogard  
 J. Putnam O'Grady  
 Robert Frederic Ohlsen  
 Paul Edward Ohnesorge  
 Stephen Barry O'Leary  
 Richard Milan Olive  
 Dagny Marie Olson  
 Donald John Olson  
 Glendon John Olson  
 Harland James Olson  
 Walter James Olson  
 William Edward Olson  
 Norman Stuart Orenstein  
 Billy Richard Otte  
 Donald Edward Paape  
 John Vincent Page  
 Marion Jean Parker  
 Robert Wooley Parmele  
 John Pardis Pepper  
 Jane Carol Perlich  
 Robert John Person  
 C. Wilbur Peters  
 Robert Austin Peterson, B.S.  
 Robert Charles Pike  
 Ralph Stephen Podas  
 Robert Best Powell  
 Robert Merrill Pratt  
 Alexander Elias Puzak  
 Herbert Kristian Ramberg  
 Burton Daniel Reinfrank, Jr.  
 William Fredrick Reiser  
 Elizabeth Ann Reynolds  
 John Twiss Richter  
 Edward William Robasse  
 Raymond Clarence Rode  
 Richard August Rohleder, B.S. *magna  
 cum laude*  
 Edward Donald Romain  
 Edmund I. Rosenthal  
 Arthur Stanley Ross  
 William James Ruspino, B.M.E.  
 Joseph Thorald Russell  
 Bernard Joseph Selbitschka  
 Donald Julian Shapiro  
 Harold Jack Shear  
 Vincent Curt Silverthorne  
 Robert John Sivertsen  
 Maalfrid Ann Solberg  
 Ira D. Solenberger, A.A.  
 Dorothy Edith Sommer  
 Ralph Walter Sommer  
 Earl Nitter Sonnesyn, Jr.

Frederick Edmond Steinbach, Jr.  
Joseph Gilbert Steinberger  
Robert Harold Stenberg  
Lorray Melbourne Strandemo  
Gordon James Stutzman  
Hiroshi Sumida  
Elisabeth Louise Swanson  
John Swanson, Jr., B.S.  
Lowell Theodore Swenson  
Paul Raymond Tahtinen  
Kiyoshi Richard Takaki, A.A.  
Joyce Tanquary  
James Bentley Teter  
Norman Oscar Thompson, Jr.  
Robert Franklin Thompson

Richard Christen Tollefson  
J. Allan Topping  
Howard Leonard Torstveit  
Leonard Dale Tupper  
Louise VandeBogart  
Maurice William Vandeputte  
Warren Frederick Vollhaber  
Paul Henry Waage  
Kenneth Roger Wahlberg  
Malcolm Pickett Weiss  
Gerald Bennett Westlund  
Arno W. Windsor  
Bruce Campbell Winslow  
Lynn Alson Wood

## BACHELOR OF SCIENCE

### *In Economics*

Robert Enoch Carlson  
Harold James Gulde, B.S.  
William Henry Krause

Kenneth Arden Smith  
Hubert Albert Zielske

## SCHOOL OF BUSINESS ADMINISTRATION AND COLLEGE OF AGRICULTURE, FORESTRY, AND HOME ECONOMICS

Candidates presented by Richard L. Kozelka, Ph.D.,  
Dean of the School of Business Administration

## BACHELOR OF AGRICULTURAL BUSINESS ADMINISTRATION

*(Course in Agricultural Business Administration)*

Richard Vernon Irwin  
Laurence Henry Mickow  
John Cornelius Rydberg

Richard Dale Tretsven  
Robert William Worcester

## UNIVERSITY COLLEGE

Candidates presented by J. W. Buchta, Ph.D.,  
Chairman of the University College Committee

## BACHELOR OF SCIENCE

*†magna cum laude*

George Everhart Harding

Edgar Gustav Johnson

## BACHELOR OF ARTS

*†cum laude*

Doris Annette Flynn  
Barbara Jean Nordstrom

Rohland Herman Thomssen, Jr., B.S.

† Candidates graduating with honors are identified by differentiated shoulder insignia.



## BACHELOR OF ARTS

Ardelle Ann Barrott  
Wallace Reuben Bolmeier  
Barbara Ann Brown  
Richard Lister Bye  
Marjorie June Carpenter  
Mary Joan Dahlman  
Lois Jean Fakler  
John Morris Griffith, A.L.A.  
Wallace W. Haarstick  
Patricia Ann Haas  
June Virginia Isaak  
Alvin Jaffe  
Marion Lois Johnson  
Joan Isabel Keaveny  
Gwen E. Lageson  
Arthur Leemhuis  
Anne Loring  
Jules Robert Martineau

John Charles Midanek  
George Alexander Mills  
Kathryn Olson  
Marjorie Elizabeth Orner  
Virginia Theodora Pappas  
Mary Louise Prendergast  
Ruth Merle Reinking  
Russell James Rogde  
Robert Duane Rother  
Glen Harold Smith  
Dwight Wood Sorensen  
Richard Eugene Sturges  
Donald Leon Swanson  
Raymond Swartout  
Ray Mintrun Tharp, Jr.  
Jean Frances Waite  
Donald Kemble Ward  
Bette Weiss

## BACHELOR OF SCIENCE

Helen Marie Bjellanes  
Clayton Eugene Bliss  
Beth Katharine Fields  
Marjorie Helen Hersleth  
Stanley Hershel Krinsky  
Franklin Cone Larimore  
John Allen Lundin  
Constantine Michas

Theodora Helen Nagel  
Henry Eugene Neils  
Robert Rueben Pflueger  
Sam I. Pichey  
Juanita Jean Proebstel  
John Stewart Sumner  
Leonard Edward Towle

## GRADUATE SCHOOL

Candidates presented by Theodore C. Blegen, Ph.D., L.H.D., Litt.D.,  
Dean of the Graduate School

## MASTER OF ARTS

Norman Edward Albrecht  
B.S. *summa cum laude* '43, Hamline Uni-  
versity  
Major, Mathematics  
Plan B

Walter August Albrecht, Jr.  
B.S. *summa cum laude* '41, Hamline Uni-  
versity  
Major, Mathematics  
Plan B

Edwin Blois Barrett  
B.A. *magna cum laude* '43, Macalester  
College  
Major, American Studies  
Plan B

Leon Oser Barron  
B.A. '46, Massachusetts State College  
Major, English  
Minor, Linguistics  
Thesis, Elinor Wylie's Themes

Lucille Baudler  
B.A. *cum laude* '46, University of Minne-  
sota  
Major, Psychology  
Plan B

Norris Arthur Bleyhl  
B.A. '36, University of Nebraska  
B.S. '38, University of Denver  
Major, History  
Plan B

- Mary Lou Boice  
 B.A. *magna cum laude* '45, University of Minnesota  
 Major, Psychology  
 Minor, Social Work  
 Thesis, The Relationship of Color Vision to Age in Members of the Academic Faculty at the University of Minnesota
- Carl Henry Chrislock  
 B.A. '37, Augsburg College  
 Major, History  
 Plan B
- Joseph Benedict Connors  
 B.A. *summa cum laude* '37, College of St. Thomas  
 Major, English  
 Plan B
- Chester Charles Wayne Courtney  
 B.E. '34, Mankato State Teachers College  
 Major, History  
 Plan B
- Harry Delavan Crawford  
 B. of Physics '44, University of Minnesota  
 Major, Physics  
 Plan B
- John Marion Deason  
 B.A. '41, Carleton College  
 Major, History  
 Minor, Economics  
 Thesis, Economic History of the Township of Rushseba and Village of Rush City, Chisago County, Minnesota to 1900
- John Elander Dewey  
 B.A. '42, Denison University  
 Major, Psychology  
 Plan B
- William Belknap Dreffin  
 B.A. '41, Dartmouth College  
 Major, Educational Psychology  
 Plan B
- Ethel M. Evans  
 B.S. '33, University of Minnesota  
 Major, Curriculum and Instruction  
 Plan B
- William Herbert Edson  
 B.A. '39, Hastings College  
 Major, Educational Psychology  
 Plan B
- Leonard Hershel Goldman  
 B.A. '45, University of Minnesota  
 Major, Psychology  
 Plan B
- Mary Bradford Gordon  
 B.S. '43, State Teachers College (Florence, Alabama)  
 Major, Curriculum and Instruction  
 Plan B
- Gerald James Grunz  
 B.S. '41, George Williams College  
 Major, Educational Psychology  
 Plan B
- Herdis Olava Hansen  
 B.E. '31, Superior State Teachers College  
 Major, Educational Psychology  
 Plan B
- Richard Arthur Hoppin  
 B.A. *cum laude* '43, University of Minnesota  
 Major, Geology  
 Plan B
- Clark Louis Hosmer  
 B.S. '36, West Point Military Academy  
 M.S. '40, California Institute of Technology  
 Major, Psychology  
 Plan B
- Stuart Evans Hoyt  
 B.S. '42, Harvard College  
 Major, Journalism  
 Plan B
- Vernon Victor Hukee  
 B.A. '40, Concordia College  
 Major, Political Science  
 Plan B
- Scott Doran Johnston  
 B.A. *magna cum laude* '44, B.S. '45, University of Minnesota  
 Major, Political Science  
 Plan B
- Robert Leon Jones  
 B.A. '42, University of Wichita  
 Major, Psychology  
 Plan B
- Helen Hedwig Kaslo  
 B.A. *cum laude* '42, Western College  
 Major, History  
 Minor, English  
 Thesis, St. Paul and the West: A Study in the Frontier Booster Spirit
- Raymond John Keller  
 B.S. '41, Mankato State Teachers College  
 Major, Educational Administration  
 Plan B

**Ove Peter Kilgren**

B.A. '41, University of Washington  
Major, Social Work  
Plan B

**George Roger Klare**

B.A. '46, University of Minnesota  
Major, Psychology  
Plan B

**Julia Matson Klare**

B.S. '42, Kansas City Teachers College  
Major, Psychology  
Plan B

**Alden Christian Knatterud**

B.S. with honor '46, Winona State  
Teachers College  
Major, Educational Administration  
Plan B

**Robert Edwin Knoll**

B.A. '43, University of Nebraska  
Major, English  
Minor, Linguistics and Comparative  
Philology  
Thesis, The Development of Character in  
George Eliot's Novels

**Margaret Louise Korsgaard**

B.A. *magna cum laude* '44, Huron College  
Major, Child Welfare  
Plan B

**Burton William Kreitlow**

B.S. '41, University of Minnesota  
Major, Curriculum and Instruction  
Plan B

**Allan Lester Larson**

B.S. '39, University of Minnesota  
Major, Educational Administration  
Plan B

**Lester Reuben Lerud**

B.A. '40, Luther College  
Major, Business Administration  
Plan B

**Abraham Seth Levine**

B.A. '41, University of Iowa  
Major, Psychology  
Plan B

**Dorothy Cohen Levy**

B.A. '43, Wellesley College  
Major, Social Work  
Plan B

**Bernard William Lindgren**

B.A. *magna cum laude* '43, University of  
Minnesota  
Major, Mathematics  
Minor, Physics  
Thesis, A Minimal Extension of Cardinal  
Numbers

**Jay Douglas Lockerby**

B.S. '41, Stout Institute  
Major, Industrial Education  
Plan B

**Claude Yves Meade**

B.A. *cum laude* '42, University of Minne-  
sota  
Major, French Literature  
Minor, Philosophy  
Thesis, Le Symbolisme dans l'oeuvre  
d'André Gide

**William Edward Meier**

B.A. *maxima cum laude* '42, University of  
Notre Dame  
Major, Economics  
Plan B

**Beulah Meisenburg**

B.B.A. '32, University of Minnesota  
Major, Social Work  
Plan B

**John Mitchell**

B.S. '39, Fitchburg State Teachers College  
Major, Industrial Education  
Plan B

**Esther Colwell Naus**

B.A. '20, University of Minnesota  
Major, Social Work  
Plan B

**Clara W. Nelson**

B.S. with distinction '31, University of  
Minnesota  
Major, Journalism  
Plan B

**Howard Frederick Nelson**

B.S. '37, Rutgers University  
Major, Industrial Education  
Plan B

**Julia Christine Nygaard**

B.S. '43, University of Minnesota  
Major, Educational Psychology  
Plan B

**Minerva Blossom Olson**

B.S. with distinction '40, University of  
Minnesota  
Major, Curriculum and Instruction  
Plan B

**James Gordon Ostensoe**

B.S. '43, St. Cloud State Teachers College  
Major, Educational Psychology  
Plan B

Emily Margaret Parker

B.S. '43, Platteville State Teachers College  
B.E. '44, River Falls State Teachers  
College  
Major, Curriculum and Instruction  
Plan B

Howard Eugene Pettersen

B.A. '43, Whitman College  
Major, Physics  
Plan B

Gerald Roe Phillips

B.A. '40, B.S. '41, University of Minne-  
sota  
Major, Education  
Plan B

Robert Francis Piper

B.A. '35, Minot State Teachers College  
Major, History  
Plan B

Mabel Kathryn Powers

B.A. '25, College of St. Catherine  
Major, Psychology  
Plan B

Catherine Marie Pribyl

B.A. '41, College of St. Benedict  
Major, English  
Plan B

Evlyn Gertrude Ramage

B.S. '39, University of Oregon  
Major, Curriculum and Instruction  
Plan B

Maynard Clinton Reynolds

B.S. '42, Moorhead State Teachers College  
Major, Educational Psychology  
Plan B

Malva Rodríguez

Bachelor of Humanities '41, University of  
Chile  
B.A. '45, Harris Teachers College  
Major, English  
Plan B

Martin M. Rosen

B.A. '40, University of Cincinnati  
Major, Economics  
Minor, Political Science  
Thesis, Some Aspects of the Austrian Cur-  
rency Conversion

Gregory Lewis Samanisky

B.S. '29, M.A. '39, University of Minne-  
sota  
Major, Social Work  
Plan B

Paul Scherb

B.A. '37, Wartburg College  
Major, Botany  
Plan B

Sister Mary Laura Corcoran

B.A. '46, College of Saint Teresa  
Major, Curriculum and Instruction  
Plan B

Norman Skow

B.S. '42, University of Minnesota  
Major, Economics  
Minor, Agricultural Economics  
Thesis, A Comparative Study of the Cost-  
Price Relationship of Natural and Syn-  
thetic Rubber with Special Reference to  
the Effects of Costs on the East Indies

Philip Dutton Smith

B.A. '45, University of Southern California  
Major, Journalism  
Plan B

Vernon George Smith

B.A. *magna cum laude* '43, Hamline Uni-  
versity  
Major, History  
Plan B

Douglas C. Stenerson

B.A. *magna cum laude* '42, Harvard  
College  
Major, American Studies  
Plan B

Lyle Frederick Stofen

B.S. '42, Hamline University  
Major, Educational Administration  
Plan B

Lenore Joan Strouse

B.A. *magna cum laude* '45, University of  
Minnesota  
Major, Psychology  
Plan B

George Suzuki

B.S. '44, University of Denver  
Major, Statistics  
Plan B

**Glenn Edward Tyler**

B.S. with distinction '32, University of Minnesota  
Major, History  
Minor, Anthropology  
Thesis, A Study of the Factors Involved in the Decline of European Science in the 14th and 15th Centuries

**Josephine Sterling Welch**

B.A. '44, University of Nebraska  
Major, Psychology  
Plan B

**Harold Wilfred Wolke**

B.S. '36, Iowa State College  
B.S. '41, University of Minnesota  
Major, Educational Psychology  
Plan B

**MASTER OF BUSINESS ADMINISTRATION**

**Clarence Toivo Johnson**

B.Ch.E. '38, University of Minnesota  
Major, Business Administration  
Plan B

**Robert Alfred Schmidt**

B.Ch.E. '44, University of Minnesota  
Major, Business Administration  
Plan B

**Daniel Barstow Magraw**

B.B.A. '43, University of Minnesota  
Major, Business Administration  
Plan B

**MASTER OF ARTS**

*In Public Administration*

**Jerome Whalen Brower**

LL.B. '41, St. Paul College of Law  
Major, Public Administration  
Thesis, Financial Reporting Procedures for Federal Health Grants-in-Aid

**Kenneth Joseph Holmquist**

B.A. '33, Gustavus Adolphus College  
Major, Public Administration  
Thesis, Minnesota Sanatoria Program

**Gordon Arnold Gilbertson**

B.A. '31, St. Olaf College  
Major, Public Administration  
Thesis, The Administration of Public Assistance in Minnesota Counties Operating under the Township System

**Marvin Alvin Iverson**

B.S. with high distinction '44, University of Minnesota  
Major, Public Administration  
Thesis, The Selection of Unskilled Workers for Positions in Governmental Agencies

**MASTER OF SCIENCE**

**Robert Charles Anderson**

B.Met.E. '43, University of Minnesota  
Major, Metallography  
Minor, Industrial Engineering  
Thesis, The Isothermal Transformation of High Speed Steel

**Sibyl Beatrice Beckett**

B.A. '44, Radcliffe College  
Major, Physiology  
Minor, Neuroanatomy  
Thesis, The Role of Acetylcholine in the Physiological Activity of the Cortex and in Convulsions

- Zora Dorothy Dragich  
B.S. '37, University of Minnesota  
Major, Bacteriology  
Minor, Histology  
Thesis, The Hopkins-Cole Test for Tryp-  
tophane in Spinal Fluid
- Edward Russell Eberhardt  
B.S. '42, Iowa State College  
Major, Animal Husbandry  
Plan B
- Joseph Patrick Emanuel  
B.S. '39, Duluth State Teachers College  
Major, Botany  
Plan B
- Verne Charles Fryklund, Jr.  
B.A. '44, University of Minnesota  
Major, Geology  
Plan B
- Kenneth Agee Fugett  
B.S. '42, University of Kentucky  
Major, Agricultural Economics  
Plan B
- Joan Gordon  
B.S. with high distinction '45, University  
of Minnesota  
Major, Home Economics  
Plan B
- Phillip Emanuel Gustafson  
B.Met.E. '39, University of Minnesota  
Major, Metallurgy  
Minor, Mechanical Engineering  
Thesis, Martempering of Tool Steels
- Hernando Gutierrez  
C.E. '42, Universidad Nacional de Co-  
lombia  
Major, Geology  
Plan B
- Shamsul Hussain Hazarika  
B.Sc. '43, M.Sc. '45, Calcutta University  
Major, Entomology  
Minor, Zoology  
Thesis, The Biology of the Pine Tortoise  
Scale, *Toumeyella numismaticum* Pt.  
and McD.
- Harry Robert Highkin  
B.S. '44, University of Connecticut  
Major, Plant Genetics  
Minor, Physiological Chemistry  
Thesis, A Study of Pigment Inheritance in  
Barley
- Marion Louise Jacobson  
B.A. '32, Gustavus Adolphus College  
Major, Home Economics  
Plan B
- Thor Kommedahl  
B.S. '45, University of Minnesota  
Major, Plant Pathology  
Minor, Botany  
Thesis, Studies on Late Wilt of Flax
- Gerhard Philip Kretschmar  
B.S. with distinction '40, University of  
Minnesota  
Major, Entomology  
Minor, Plant Pathology  
Thesis, A Study of the Insect Populations  
Found on Soybeans in Minnesota during  
One Season, with Special Reference to  
Sampling Methods
- B. Krishnamurthy  
B.S. '45, Benares Hindu University (India)  
Major, Metallography  
Minor, Physical Chemistry  
Thesis, Aluminum-Titanium Alloys
- Manfred Frank Lawatsch  
B.S. '39, University of Minnesota  
Major, Poultry Husbandry  
Plan B
- Donald Edward Lee  
B.A. '43, Carleton College  
Major, Geology  
Plan B
- William Joseph Lick, Jr.  
B.S. '41, M.D. '43, University of Minne-  
sota  
Major, Pathology  
Minor, Hematology  
Thesis, Rheumatic Pneumonia

- William Brydon Fraser Mackay**  
 B.E.E. '38, University of Manitoba  
 B.Met.E. '40, University of Minnesota  
 Major, Metallography  
 Minor, Mechanical Engineering  
 Thesis, High Strength Wrought Aluminum Alloys
- James Shearer McCartney, III**  
 B.A. '40, University of Minnesota  
 Major, Horticulture  
 Minor, Botany  
 Thesis, A Preliminary Study of the Effects of a-Naphthaleneacetic Acid on the Latham Raspberry, with Particular Reference to the Prolongation of the Rest Period
- Ruth McClintock**  
 B.S. '46, University of Minnesota  
 Major, Physiology  
 Minor, Physiological Chemistry  
 Thesis, Unfavorable Effects of Certain Dietary Supplements on the Growth of Mice
- Kenneth Malcolm McMillin**  
 B.A. '44, Central College  
 Major, Mathematics  
 Plan B
- Marye Maxine Moosey**  
 B.A. '38, Fairmont College  
 Major, Bacteriology  
 Minor, Cancer Biology  
 Thesis, Immunological Studies on Mouse Mammary Carcinoma
- LeRoy Milton Naves**  
 B.S. '46, North Dakota Agricultural College  
 Major, Animal Husbandry  
 Plan B
- Masa Oki**  
 B.S. '44, Drake University  
 Major, Pharmacology  
 Minor, Bacteriology  
 Thesis, A Study of the Possible Irritant Properties of Dentifrice Flavoring Agents
- Benjamin Lanham Rogers**  
 B.S. '43, Clemson Agricultural College  
 Major, Horticulture  
 Plan B
- Wilbert Ambrick Russell**  
 B.S. '42, University of Manitoba  
 Major, Plant Genetics  
 Minor, Plant Pathology  
 Thesis, A Cytogenetic Study of a Line of Maize Showing Low Pollen Sterility
- Andrew Leonard Seim**  
 B.A. '33, Augustana College  
 Major, Botany  
 Plan B
- Norma Leah Ammann Shaffer**  
 B.S. '41, University of Minnesota  
 Major, Home Economics  
 Plan B
- Sister St. Gertrude Freeman**  
 B.A. '31, College of St. Catherine  
 Major, Home Economics Education  
 Plan B
- Owen Sletten**  
 B.A. '29, St. Olaf College  
 Major, Bacteriology  
 Minor, Chemistry  
 Thesis, Acid Tolerant Molds
- Janet Mathews Smaltz**  
 B.A. '41, University of Illinois  
 Major, Speech Pathology  
 Plan B
- Milo Harland Swanson**  
 B.S. with distinction '39, University of Minnesota  
 Major, Poultry Husbandry  
 Plan B
- Keith Gordon Wike**  
 B.S. in Met. Eng. '43, South Dakota School of Mines and Technology  
 Major, Metallurgy  
 Minor, Mechanical Engineering  
 Thesis, Wrought Magnesium Alloys—Zn-Cd and Al-Cd with Ca and Zr
- Joseph Peter Wronski**  
 B.Ch. '40, University of Minnesota  
 Major, Physics  
 Minor, Mathematics  
 Thesis, The Normal Vibrations of Polyatomic Molecules
- Edward Charles Zuppann**  
 Met.E. '39, University of Minnesota  
 Major, Metallurgy  
 Minor, Industrial Engineering  
 Thesis, A Spectrophotometric Study of Acid Electric Steel Slags

MASTER OF SCIENCE  
*In Agricultural Engineering*

Liang-Ruenn Kao  
B.S. '39, National Central University  
(China)  
Major, Agricultural Engineering  
Minor, Mechanical Engineering  
Thesis, Factors Influencing Introduction  
and Use of Tractors on Farms in China

MASTER OF SCIENCE  
*In Aeronautical Engineering*

- William Robert Dougherty  
B.Aero.E. '43, University of Minnesota  
Major, Aeronautical Engineering  
Plan B
- Richard Jeffrey Magnus  
B.Aero.E. with high distinction '44, Uni-  
versity of Minnesota  
Major, Aeronautical Engineering  
Plan B
- Arthur Edward Eggert  
B.Aero.E. '43, University of Minnesota  
Major, Aeronautical Engineering  
Plan B
- Carroll Mooney Martenson  
B.Aero.E. '43, University of Minnesota  
Major, Aeronautical Engineering  
Plan B
- Robert Butler Higley  
B.Aero.E. '43, University of Minnesota  
Major, Aeronautical Engineering  
Plan B
- Warren Leslie Phillips  
B.Aero.E. '44, University of Minnesota  
Major, Aeronautical Engineering  
Plan B
- Robert Alfred Hoel  
B.Aero.E. '43, University of Minnesota  
Major, Aeronautical Engineering  
Plan B
- Owen Arthur Refling  
B.Aero.E. '44, University of Minnesota  
Major, Aeronautical Engineering  
Plan B
- Bernard Francis Jaeger  
B.Aero.E. '41, University of Notre Dame  
Major, Aeronautical Engineering  
Plan B
- Harriet Jean Schmitt  
B.Aero.E. '46, University of Minnesota  
Major, Aeronautical Engineering  
Plan B
- James Palmer Judin  
B.Aero.E. '43, University of Minnesota  
Major, Aeronautical Engineering  
Plan B
- Bernard J. Shanks  
B.Aero.E. '44, University of Minnesota  
Major, Aeronautical Engineering  
Plan B
- Adrian Peter Harvey Keller  
B.Aero.E. '44, University of Minnesota  
Major, Aeronautical Engineering  
Plan B

MASTER OF SCIENCE  
*In Chemical Engineering*

Harry Gustaf Johnson  
B.Ch.E. '43, University of Minnesota  
Major, Chemical Engineering  
Minor, Organic Chemistry  
Thesis, Partition Coefficients of Formalde-  
hyde Solutions



## MASTER OF SCIENCE

### *In Civil Engineering*

**Iftekhhar Ahmed**

B.E. '39, Osmania University (India)  
Major, Civil Engineering  
Plan B

**Irshad Nabi Mian**

B.C.E. '45, Muslim University (India)  
Major, Civil Engineering  
Plan B

**Mohamed Bahij Al-Hakim**

Diplome d' Ingenieur Civil '44, Ecole  
Francaise de Ingénieurs (France)  
Major, Civil Engineering  
Minor, Architecture  
Thesis, Economics of Sludge Disposal  
Methods

**Harry Delavan Purdy, Jr.**

B.C.E. '40, University of Minnesota  
Major, Civil Engineering  
Minor, Mathematics and Mechanics  
Thesis, Experimental Studies of Velocity  
Distribution at a Section in a 90° Tri-  
angular Channel

**Carl Edwin Ekberg, Jr.**

B.C.E. '43, University of Minnesota  
Major, Civil Engineering  
Plan B

**Harris Forrest Seidel**

B.S. in C.E. '44, Iowa State College  
Major, Civil Engineering (Sanitary Engi-  
neering)  
Minor, Civil Engineering (Hydraulics and  
Structural Engineering)  
Thesis, Characteristics of Industrial Wastes

**James Stafford Holdhusen**

B.C.E. with high distinction '45, University  
of Minnesota  
Major, Civil Engineering (Hydraulics)  
Minor, Civil Engineering (Structural Engi-  
neering)  
Thesis, An Experimental Study of Velocity  
Distribution and Boundary Shear in Rec-  
tangular Open Channel

## MASTER OF SCIENCE

### *In Electrical Engineering*

**Fumio Bob Naka**

B.S. in E.E. '45, University of Missouri  
Major, Electrical Engineering  
Minor, Physics  
Thesis, A Method of Measuring the Surge  
Characteristics of Lightning Arrester  
Grounds

## MASTER OF SCIENCE

### *In Mechanical Engineering*

**Clifford Oliver Anderson**

B.M.E. '32, University of Minnesota  
Major, Mechanical Engineering  
Minor, Metallography  
Thesis, Design of a District Heating System  
for a Municipality

**Owen LeRoy Brown**

B.M.E. with distinction '46, University of  
Minnesota  
Major, Mechanical Engineering  
Plan B

**John Vincent Borry**

B.M.E. with high distinction '45, Uni-  
versity of Minnesota  
Major, Mechanical Engineering  
Plan B

**Marvin Lee English**

B.S. in M.E. '41, South Dakota State Col-  
lege of Agriculture and Mechanic Arts  
Major, Mechanical Engineering  
Plan B

**Sigman Gendein**

B.M.E. '37, University of Minnesota  
Major, Mechanical Engineering  
Plan B

**James Draper Gray, Jr.**

B.M.E. '42, University of Minnesota  
Major, Mechanical Engineering (Heating,  
Ventilating, and Air Conditioning)  
Minor, Mechanical Engineering (Industrial  
Engineering)  
Thesis, A Study of the Temperature  
Gradients Across the Surface of Radiant  
Heating Ceiling Panels

**Robert Edward Hawkins**

B.S. '45, University of Oklahoma  
Major, Mechanical Engineering  
Plan B

**John Leonard Imhoff**

B.S.M.E. '45, Duke University  
Major, Mechanical Engineering  
Plan B

**Ralph Edwin Johnson**

B.S. in M.E. '46, Illinois Institute of Tech-  
nology  
Major, Mechanical Engineering  
Plan B

**LaVerne Frank Knappe**

B.M.E. '44, University of Minnesota  
Major, Mechanical Engineering  
Plan B

**Robert Russell Kollitz**

B.M.E. '43, University of Minnesota  
Major, Mechanical Engineering  
Plan B

**James Francis Mitchell**

B.M.E. '42, University of Minnesota  
Major, Mechanical Engineering  
Plan B

**Kenneth Charles Parsons**

B.M.E. '44, University of Minnesota  
Major, Mechanical Engineering  
Plan B

**John Arthur Rudberg**

B.M.E. '45, University of Minnesota  
Major, Mechanical Engineering  
Plan B

**Dennis James Sakols**

B.S.M.E. '46, University of Wisconsin  
Major, Mechanical Engineering  
Plan B

**MASTER OF SCIENCE**

*In Medicine*

**Jack Flasher**

B.A. '40, M.D. '44, University of Minne-  
sota  
Major, Medicine  
Minor, Physiology  
Thesis, Experimental Acute Pulmonary  
Arterial Obstruction: With Special Refer-  
ence to the Precordial Electrocardio-  
gram: Review of the Literature

**Francis Record Whitehouse**

B.A. '34, Hampden-Sydney College  
M.D. '38, University of Virginia  
Major, Medicine  
Minor, Pathologic Anatomy  
Thesis, Study of the Myenteric Plexus in  
Eleven Cases of Congenital Megacolon

**MASTER OF SCIENCE**

*In Neurology and Psychiatry*

**Mary Elizabeth Giffin**

B.A. '39, Smith College  
M.D. '43, Johns Hopkins University  
Major, Neurology and Psychiatry  
Minor, Neuropathology  
Thesis, A Clinical and Pathological Study  
of Werdnig-Hoffmann Muscular Atrophy  
and Amyotonia Congenita of Oppen-  
heim

## MASTER OF SCIENCE

### In Neurosurgery

Kenneth Harvey Abbott

B.A. '31, Pacific Union College

M.D. '36, College of Medical Evangelists

Major, Neurosurgery

Minor, Neuropathology

Thesis, Primary Sarcomas of the Brain and  
a Report of Two Cases of Primary  
Lymphosarcoma of the Intracranial Dura  
Mater

## MASTER OF SCIENCE

### In Pathology

Edward Claude Uhrich

B.S. '39, Pennsylvania State College

M.D. '43, Temple University

Major, Pathology

Minor, Clinical Pathology

Thesis, Primary Mediastinal Tumors: A  
Histopathologic Study

## MEDICAL SCHOOL

Candidates presented by Harold S. Diehl, M.A., M.D., D.Sc.,  
Dean of the Medical Sciences

## DOCTOR OF MEDICINE\*

Rolf Lorntz Andreassen, B.S., M.B.

John Gregory Mayne, B.S., M.B.

Max Bakalinsky, B.S., M.B.

William Thomas Miller, B.A., B.S.,

Edwin Leland Brackney, B.A., B.S.,

M.B.

M.B.

## GRADUATE SCHOOL

Candidates presented by Theodore C. Blegen, Ph.D., L.H.D., Litt.D.,  
Dean of the Graduate School

## DOCTOR OF PHILOSOPHY

DeForest Charles Alderman

B.S. '37, University of Minnesota

M.S. '38, Iowa State College

Major, Horticulture

Minor, Plant Genetics

Thesis, The Inheritance of Flowering  
Date, Growth Habit and Mosaic Re-  
action in *Phaseolus vulgaris* L.

Major Adviser, Prof. T. M. Currence

Gerhard Theodore Alexis

B.A. *summa cum laude* '37, University of

Minnesota

Major, English

Minor, Philosophy

Thesis, Calvinism and Mysticism in Jona-  
than Edwards

Major Adviser, Prof. Tremaine McDowell

\* These degrees are conferred subject to the satisfactory completion of hospital internship within one month.

**Robert Malven Allen**

B.A. '32, Iowa State Teachers College  
M.S. '41, University of Michigan  
Major, Bacteriology  
Minor, Zoology  
Thesis, Experimental Histoplasmosis  
Major Adviser, Prof. C. E. Skinner

**Ralph Robert Bentley**

B.S. '26, M.S. '36, Iowa State College  
Major, Education  
Minor, Agricultural Education  
Thesis, An Experimental Evaluation of  
the Relative Effectiveness of Certain  
Audio-Visual Aids in Vocational Agri-  
culture  
Major Adviser, Prof. P. O. Johnson

**Carmen Buso Casas**

B.A. '28, B.S. '38, University of Puerto  
Rico  
M.A. '42, Boston University  
Major, Physiology  
Minor, Pathology  
Thesis, The Influence of Caloric Restriction  
on the Adrenals and Other Organs  
in Ovariectomized C<sub>3</sub>H Mice  
Major Advisers, Drs. M. B. Visscher and  
J. T. King

**Gerald Marquis Craig**

B.A. '39, University of Toronto  
Major, History  
Minor, Political Science  
Thesis, The Influence of the American  
Background on the Struggle for Self-  
Government in Upper Canada  
Major Adviser, Prof. A. L. Burt

**Lawrence Kenneth Crowe**

B.S. '22, State Agricultural College of  
Colorado  
M.S. '25, University of Nebraska  
Major, Dairy Husbandry  
Minor, Agricultural Biochemistry  
Thesis, Some Changes Occurring in Dry  
Whole Milk during Storage  
Major Adviser, Prof. S. T. Coulter

**Delwin Bennett Dusenbury**

B.A. '36, University of Wisconsin  
M.A. '37, University of Minnesota  
Major, Speech  
Minor, English  
Thesis, A Study of Comedy in the Ameri-  
can Theatre Represented in the Pro-  
ductions of Native Comedy in New  
York City from 1900 to 1920  
Major Advisers, Profs. F. M. Rarig and  
F. M. Whiting

**Michael Walter Feniak**

B.Sc. '41, University of Alberta  
M.S. '43, University of Minnesota  
Major, Geology  
Minors, Mining Engineering and Metal-  
lography  
Thesis, The Geology of Dowdell Peninsula,  
Great Bear Lake, Northwest Territories  
Major Adviser, Prof. F. F. Grout

**Myron Wayne Hall**

B.Ch.E. '33, University of Minnesota  
Major, Chemical Engineering  
Minor, Bacteriology  
Thesis, A Study of the Distillation Princi-  
ples of Aqueous Formaldehyde Solutions  
Major Adviser, Prof. E. L. Piret

**Donald Gordon Hay**

B.S. '26, M.S. '27, North Dakota Agri-  
cultural College  
Major, Sociology  
Minor, Agricultural Economics  
Thesis, Measurement of the Social Par-  
ticipation of Rural Households in a  
Central New York Dairy Community  
Major Adviser, Prof. Lowry Nelson

**Lawrence Gregory Hines**

B.A. '38, University of Kansas  
M.A. '42, University of Minnesota  
Major, Economics  
Minor, Political Science  
Thesis, Some Aspects of the Economics  
of the Great Lakes Iron Ore Industry  
Major Advisers, Profs. E. W. Davis and  
F. B. Carver

### Alfred Stanley Hok

B.S. '39, Rhode Island State College  
Major, Botany  
Minor, Agricultural Biochemistry  
Thesis, The Photochemical Evolution of  
Oxygen and Reduction of Oxidants by  
Suspensions of Intact and Fragmented  
Chloroplasts  
Major Adviser, Prof. C. S. French

### Norman Kretchmer

B.S. '44, Cornell University  
M.S. '45, University of Minnesota  
Major, Physiological Chemistry  
Minor, Physiology  
Thesis, A Serial Study of the Chemistry  
and Histology of the Mouse Liver Cell  
Cytoplasm during Carbon Tetrachloride  
Induction of Hepatoma  
Major Adviser, Prof. C. P. Barnum

### Gerald Morton Needham

B.S. '40, College of Idaho  
Major, Bacteriology  
Minor, Physiological Chemistry  
Thesis, Some Studies on the Action of a  
Few Anti-Bacterial Substances on  
"Resting" Cells  
Major Adviser, Prof. H. O. Halvorson

### Theodore Gleason Ostrom

B.A. magna cum laude '37, B.S. '39, M.A.  
'39, University of Minnesota  
Major, Mathematics  
Minor, Physics  
Thesis, The Solution of Linear Integral  
Equations by Means of Wiener Integrals  
Major Adviser, Prof. R. H. Cameron

### John Thomas Presley

B.S. '35, University of Maryland  
Major, Plant Pathology  
Minor, Plant Genetics  
Thesis, Verticillium Wilt of Cotton with  
Particular Emphasis on Variation of the  
Causal Organism  
Major Adviser, Prof. J. J. Christensen

### Paul Frederick Sharp

B.A. '39, Phillips University  
Major, History  
Minor, Political Science  
Thesis, The American Revolt in Western  
Canada: A Comparative Study Showing  
American Parallels  
Major Adviser, Prof. A. L. Burt

### Esther Elise Shuler

B.A. cum laude '43, M.A. '45, University  
of Minnesota  
Major, Spanish  
Minor, English  
Thesis, Poesia y Teorias Poéticas de José  
Martí (con especial referencia a su  
crítica de autores norteamericanos)  
Major Adviser, Prof. E. C. LeFort

### Glenn Sanborn Smith

B.S. '29, North Dakota Agricultural Col-  
lege  
M.S. '31, Kansas State Agricultural College  
Major, Plant Genetics  
Minors, Plant Pathology and Agricultural  
Biochemistry  
Thesis, Inheritance of Stem Rust Reaction,  
Glume Tenacity and Head Type in  
Mindum Durum X Vernal Emmer  
Major Adviser, Prof. H. K. Hayes

### Walter Dill Thomas, Jr.

B.S. '39, Colorado State College  
M.S. '43, University of Minnesota  
Major, Plant Pathology  
Minor, Horticulture  
Thesis, Factors Influencing the Epidemi-  
ology of Late Blight on Potatoes  
Major Adviser, Prof. C. J. Eide

### Chen Tong Tsiang

B.S. '35, University of Nanking (China)  
Major, Plant Pathology  
Minor, Botany  
Thesis, Studies on Root Rot of Flax  
caused by *Rhizoctonia solani* Kühn  
Major Adviser, Prof. E. C. Stakman

### John August Ulrich

B.S. '38, College of St. Thomas  
Major, Bacteriology  
Minor, Physiological Chemistry  
Thesis, A study of an Unknown Accessory  
Growth Factor(s) for *Lactobacillus casei*  
as Found in Yeast Extract  
Major Adviser, Prof. H. O. Halvorson

DOCTOR OF PHILOSOPHY

*In Petroleum Engineering*

Washington David Lacabanne

B.S. '29, M.S. '33, University of California

Major, Petroleum Engineering

Minors, Geology and Physics

Thesis, Settling of Heterogeneous Particles

Major Advisers, Profs. E. H. Comstock  
and G. A. Thiel

DOCTOR OF PHILOSOPHY

*In Neurosurgery*

Lyle Albert French

B.S. '35, M.D. '40, M.S. in Neurosurgery

'46, University of Minnesota

Major, Neurosurgery

Minor, Neuropathology

Thesis, Brain Tumors in Children

Major Adviser, Dr. W. T. Peyton

## SUMMARY OF DEGREES

Degrees conferred June, 1947, (subject to completion of requirements)	2,229
Degrees conferred July, August, December, 1946 and March, 1947.....	1,986
Degrees conferred during 1946-47 .....	4,215

# UNIVERSITY OF MINNESOTA

Summer Session

*Commencement Exercises*

1947



NORTHROP MEMORIAL AUDITORIUM  
THURSDAY EVENING, JULY TWENTY-FOURTH  
AT EIGHT O'CLOCK



# PROGRAM

DEAN THEODORE C. BLEGEN, Presiding

## ORGAN MUSIC—(Seven-thirty o'clock)

Prelude and Fugue in G Major - - - - - Bach  
Chorale Prelude on "Aberystwyth" - - - - - Carl Parrish  
Humoreske—The Primitive Organ - - - - - Yon  
Andante from "Grand Piece Symphonique" - - - - - Franck  
Finale Ave Maris Stella - - - - - Dupré

PROCESSIONAL—Grand March from Aida - - - - - Verdi

ARTHUR B. JENNINGS  
Associate Professor of Music  
University Organist

## PRESENTATION OF COLORS

### NATIONAL ANTHEM—"The Star-Spangled Banner"

Oh, say, can you see, by the dawn's early light,  
What so proudly we hail at the twilight's last gleaming,  
Whose broad stripes and bright stars, thro' the perilous fight,  
O'er the ramparts we watched, were so gallantly streaming?  
And the rockets' red glare, the bombs bursting in air,  
Gave proof thro' the night that our flag was still there.  
Oh, say, does that star-spangled banner yet wave  
O'er the land of the free and the home of the brave?

## INVOCATION

THE REVEREND GEORGE P. CONGER, B.D., Ph.D.  
Professor of Philosophy, University of Minnesota

## COMMENCEMENT ADDRESS—"The Battle of Education"

CLEMENS M. GRANSKOU, D.D.  
President, St. Olaf College

# CONFERRING OF DEGREES

THEODORE C. BLEGEN, Ph.D., L.H.D., Litt.D.  
Dean of the Graduate School, University of Minnesota

## SONG—"Hail Minnesota"

Minnesota, hail to thee!  
Hail to thee, our College dear!  
Thy light shall ever be  
A beacon bright and clear;  
Thy sons and daughters true  
Will proclaim thee near and far;  
They will guard thy fame  
And adore thy name;  
Thou shalt be their Northern Star.

Like the stream that bends to sea,  
Like the pine that seeks the blue!  
Minnesota, still for thee,  
Thy sons are strong and true.  
From thy woods and waters fair,  
From thy prairies waving far,  
At thy call they throng,  
With their shout and song,  
Hailing thee their Northern Star.

## RECESSIONAL—Toccata in B Minor - - - - - Gigout

ARTHUR B. JENNINGS

(The audience will remain until those in academic costume have left the hall)

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### SMOKING

As a courtesy to those attending functions, and out of respect for the character of the building, be it resolved by the Board of Regents that there be printed in the programs of all functions held in the Cyrus Northrop Memorial Auditorium a request that smoking be confined to the outer lobby on the main floor, to the gallery lobbies, and to the lounge rooms.

# CANDIDATES FOR GRADUATION

Subject to the completion of all curriculum requirements at the close of the Summer Session, degrees will be conferred as indicated on those listed below and upon such others as may meet the graduation requirements.

## GENERAL COLLEGE

### Associate in Arts

Jack Howard Adamson	Glenn Fred Meyer
Edythe Mae Anderson	Agnes Evelyn Nash
Ralph Gregory Bauer	Howard Witham Parker
Isaac Burton Byers, III	Edward Harold Rossiter
James Frederick Charles	Anthony John Shirola
Frederick Ditkof	Joseph Edwin Sizer
Gerard Robert Dufresne	June Marie Smith
Robert Richard Hansen	Stewart Douglas Stevens, Jr.
Earl Clark Joseph	David Sultan
Max Kaplan	Robert Carl Ulsaker
Edward Lyle Kerswell	Ralph Eugene Wheeler
Lloyd George La Count	Ruth Regina Wolff
Steven Earl Mackenstadt	Don Juan Zillgitt
Shirley Ann Mattson	

## MEDICAL SCHOOL

### GRADUATE IN NURSING\*

Eleanor Jane Whitten

## COLLEGE OF SCIENCE, LITERATURE, AND THE ARTS

### ASSOCIATE IN LIBERAL ARTS

Dorothy Mabel Davis	Gloria Verson
Edward Gilbert Graves	

### BACHELOR OF ARTS

† magna cum laude

John Alvah Crampton	Joyce Elaine Redeen
John Clark McDonald	Donald Richard Shea
Charles Edwin Porter, Jr.	

### BACHELOR OF ARTS

† cum laude

Thomas Collins Laughlin

\* This degree is conferred subject to the satisfactory completion of nursing practice prior to December 18, 1947.

† Candidates graduating with honors are identified by differentiated shoulder insignia.

## BACHELOR OF ARTS

Wilbert Edwin Anderson  
Gretchen Ann Bofenkamp  
Wallace John Bonk  
Virginia Lee Boxberger  
Madalyn Gattlieb Braufman  
Edward Owen Brown, III  
Robert Eldred Burt  
Bertha Mary Chickering  
Kent William Christoferson  
Lester Irwin Conner  
Douglas Dahlheimer  
Jed Horace Davis, Jr.  
Patricia Duggan  
Jean Ruth Emanuelson  
Dale Merle Fischer  
James Richter Franta  
Frances Lee Harrison  
Patricia Jane Hayes  
Elizabeth Myrtle Hedlund  
Margy E. Howe  
Jeanne Lois Huffman  
Ervin Duane Ingebretson  
Rupert Mitchell Jastram  
Jack Merton Joss  
Lloyd Raymond Julson  
Jarold Alan Kieffer  
Elaine King  
Yvonne Marguerita Kjenstad

Renee Cecelia LaPiner  
Jack Milton Lester  
Norma Jeane Liesch  
Rose Ann Frances Markert  
William Frank Meinardus  
Paul Otto Metzger  
Mary Margaret Meyer  
Betty Stewart Moran  
Mary Loduska Morris  
LaVerne Louis Nies  
Sander Leroy Olson, Jr.  
Frances Jane Osgood  
Truman Addison Potter  
Robert Turnham Rickert  
Nathan Henry Rochmes  
Harry Mauritz Rydell  
Patricia Mary Scanlon  
Patricia Jean Schwarz  
Elaine Xavera Sebastian  
Virginia June Shepherdson  
Edward Michael Sullivan  
John Joseph Sullivan  
Raymond Leroy Sweeney  
Thomas Earl Vanderpool  
Helen Marie Wangen  
Carlos Seward Whiting  
Elizabeth Jane Wingreene

## BACHELOR OF SCIENCE

Elin Holst

Mortimer Lewis Naftalin, B.A.

## INSTITUTE OF TECHNOLOGY

### BACHELOR OF CHEMICAL ENGINEERING

† with high distinction

Paul John Stedry

### BACHELOR OF PHYSICS

† with high distinction

Raphael Friedman Aronson

† Candidates graduating with honors are identified by differentiated shoulder insignia.

## BACHELOR OF CHEMICAL ENGINEERING

† with distinction

Jack Charles Sabin, B.S.

Gordon Elmer Stone, B.Chem.

## BACHELOR OF CHEMICAL ENGINEERING

Eugene Gerald Barradas, A.A.

William Trusdell Morin, Jr., B.Chem.

Robert Harolde Cook

Arthur Carl Peterson

Robert Jerome Flygare

Willis Dale Sandberg

Donald Erick Hagstrom

Leo Francis Vokaty

John Harry Kiner

Charles Maurice Williams

Carl Edward Lewis

## COLLEGE OF AGRICULTURE, FORESTRY, AND HOME ECONOMICS

### BACHELOR OF SCIENCE

† with high distinction

(Course in Agriculture)

Homer D. Fausch

(Course in Home Economics)

Martha Frances Corey

### BACHELOR OF SCIENCE

† with distinction

(Course in Agriculture)

Curtis John Overdahl

(Course in Forestry)

Robert Haydon Wood

### BACHELOR OF SCIENCE

(Course in Agriculture)

Berger Edward Bergersen

Sheldon Bernard Charron

William McCray Brewster

Charles Harold West

(Course in Home Economics)

Muriel Joy Anderson

Billie Lu Keese

Eunice Barbara Fink

Joyce Joan LaLone

Barbara Jean Gamble

Dorothy Louise Milton

Betty Jane Harbo

Marian Jean Welo

Norma Lou Hawkinson

Betty Rose Wilkin

† Candidates graduating with honors are identified by differentiated shoulder insignia.

MASTER OF FORESTRY

Gerald John O'Neil, B.S.

COLLEGE OF AGRICULTURE, FORESTRY, AND  
HOME ECONOMICS AND COLLEGE  
OF EDUCATION

BACHELOR OF SCIENCE

† with high distinction

(Course in Agricultural Education)

Clayton Raymond Olsen

BACHELOR OF SCIENCE

† with distinction

(Course in Agricultural Education)

Laurel Ethan Anderson

BACHELOR OF SCIENCE

(Course in Agricultural Education)

Bernard Avery Cranston

(Course in Home Economics Education)

Marlys J. Ellig  
Lois Jeannette Foster

Regina Elizabeth Johnson  
Berglioth Annette Thompson

COLLEGE OF AGRICULTURE, FORESTRY, AND HOME  
ECONOMICS AND SCHOOL OF BUSINESS  
ADMINISTRATION

BACHELOR OF AGRICULTURAL BUSINESS ADMINISTRATION

(Course in Agricultural Business Administration)

Thomas James Zauche

† Candidates graduating with honors are identified by differentiated shoulder insignia.

## MEDICAL SCHOOL

### BACHELOR OF SCIENCE

† with distinction

(Course in Public Health Nursing)

Eleanor Jane Whitten

### BACHELOR OF SCIENCE

(Course in Physical Therapy)

Shirley Carol Softky

(Course in Public Health Nursing)

Margaret Ruth Anderson  
Mary Elizabeth Bellar  
Gladys Lena Ericksen  
Vera May Geib  
Dorthea Ida Glasoe

Frances Julia Link  
Charlotte Mae Loverin, G.D.H.  
Donna Jean Marie Olson  
Elaine Violet Ricketts  
Ruth Trabert, R.N.

## MASTER OF PUBLIC HEALTH

Norbert Reinstein

## COLLEGE OF EDUCATION

### BACHELOR OF SCIENCE

† with high distinction

Grace Luella Persons

### BACHELOR OF SCIENCE

† with distinction

Harvey Julius Feierabend

† Candidates graduating with honors are identified by differentiated shoulder insignia.

## BACHELOR OF SCIENCE

Robert Eugene Barnes  
Edith Emelia Bjorklund  
Edward Noble Bush  
Mary Leslie Buxton  
Adeline Smith Carlson  
Ralph Joseph Carlson  
Helen Elizabeth Conley  
Joy Martin Crandall  
Edwin Robert Danielsen  
Ruth Glenda Dirks  
Wilbur N. Geary  
James Frederick Grunert  
Jeanne Francis Harris  
Cathryn Marie Harvey  
Jerome Joseph Hary  
Irene Alberta Heine  
Ethel Marie Holmberg  
Thomas Joseph Karakas  
Victor Arthur Koivumaki  
Ruth Kozberg, A.A.  
Victor J. Kulbitski  
Marion Ugland Mallinger

John Alton Moldstad  
Helen Marie Mrkonich, A.S.  
Dayton Jeremiah Muckle, Jr.  
Eleanor Elizabeth Needham  
Robert Munson Northenscold  
Bertha Tangen Olson  
Florence Elizabeth Olson  
Mary Louise Petersen  
Patricia June Rand  
Dwight Thornton Reed  
Beverley Andersen Rice  
Florence Evelyn Sandvik  
Betty Mae Smith  
Alvin Bernard Solem  
George LaVon Spoo  
Ruth Marian Steen  
Robert Harry Stoneberg  
Mabel Evelyn Talle  
Oscar Cherry Trooien  
Stella Smith Warner  
Eileen Margaretha Weyer

## BACHELOR OF SCIENCE

### *In Library Science*

Antoinette Mary Ashenbrucker, B.A.  
Gladys Spearine Barber, B.Ed.  
Clara A. Carlson, B.S.  
Louise E. Didden, B.Ed.  
Loretta Dorothy Kimbllin, B.S.  
Muriel Marjorie Orcutt, B.S.  
Belva Margaret Potts, B.S.  
Clenora Elizabeth Quanbeck, B.A.  
Marjorie F. Ray, B.A.  
Ruth Alvena Schreibeis, B.A., B.S.  
Sister Ina Snyder, B.A.

## MASTER OF EDUCATION

Ivy Carl Arnold, B.S.  
Ruth Irene Boxberger, B.S.  
Robert Peter Christensen, B.A.  
Mildred Louise Crabtree, B.A.  
Charles Arthur Gholz, B.E., B.S.  
Harry Devon Hawkins, B.S. in Ed.  
Lyle E. Liedman, B.S.  
Orville D. McHenry, B.S. in Ed.  
Gerald Alton Person, B.A.  
Rolland James Ring, B.S.  
Victor Harry Rupp, B.S.  
Gladys Ruth Rydeen, B.A.  
Ruth Mildred Soma, B.A.  
Frederick Oliver Williams, B.Ed.



**SCHOOL OF BUSINESS ADMINISTRATION**  
**BACHELOR OF BUSINESS ADMINISTRATION**  
† *with distinction*

Gail Maxine Johnson

Palmer George Tibbetts

**BACHELOR OF BUSINESS ADMINISTRATION**

Harry Eldon Anderson	James Richard Kelly
Albert Andreiko	Joseph Paul Koleski
Douglas Warner Berguson	Herbert Francis Kuhn
Sherman John Borsheim	Robert Rogers Larson
Don Raphael Brandt	Samuel William Lewis
Ralph Frank Brinkman	Duane Arthur Lindsey
Chester George Chapado	Harvey Ulrich Lufi
Frank Ralph Chase, III	Frank Timothy Madden
Maurice Melville Crowley, Jr.	James Robert McIlvenna
Paul George Donlin	John Ashley Moir
Maida Helen Eby	Gordon Edward Muske
Charles D. Egley, Jr.	William David Naffziger, Jr.
Arthur Warren Engstrom, B.M.E.	Donald Raymond Nelson
Clayton Joseph Fitzpatrick	Warren Richard Nelson
Kenneth Ernest Fredlund	Glendon Kennedy Olson
Richard Charles Gardner	Willard Carlton Olson
Ralph Mork Gilbert	Bernice Elizabeth Page
Elaine Leonore Gran	Howard Frank Peterson
John Walter Hanson	Leslie William Rantala
Rodney Walker Hemsworth	Dalton C. Rich
Roy David Hoover	James Andrew Schedin
William Craig Ilstrup	Philip Wilfred Stahl
Aldrich Osborne Iverson	Leon Warren Stover
Jerry Jerome Jacques	Howard Leonard Torstveit
Mabel Jensen	Robert Edward Walsky
Oscar Kenneth Kasa	Philip Handford Whittaker

**BACHELOR OF SCIENCE**

*In Economics*

Kenneth Arden Smith

**UNIVERSITY COLLEGE**

**BACHELOR OF ARTS**

Richard Lister Bye	Wallace William Haarstick
Clifford E. Chase, Jr.	Sanford Henry Hudson
Elizabeth E. Christiansen	Gerald Leon Johnson
John Norman Christianson	

† Candidates graduating with honors are identified by differentiated shoulder insignia.

## BACHELOR OF SCIENCE

Joseph Edward Bradley  
Wayne Lyle Fry

Rex Franklin Jeide

## GRADUATE SCHOOL

### MASTER OF ARTS

Arthur Clarence Abrahamson  
B.A. '46, Augustana College  
Major, Social Work  
Plan B

James deVeau, III  
B.A. '39, Carleton College  
Major, History  
Plan B

Arthur James Adkins  
B.S. '42, St. Cloud State Teachers College  
Major, Curriculum and Instruction  
Plan B

Charles Elven Elmlinger  
B.S. '46, Eau Claire State Teachers College  
Major, Educational Administration  
Plan B

Orville Bendolph Aftreth  
B.S. '36, University of Minnesota  
Major, Educational Administration  
Plan B

Sylvia Engel  
B.A. '45, Hunter College  
Major, Child Welfare  
Minor, Psychology  
Thesis, Ascendance and Its Relation to  
Certain Physical, Mental, and Social  
Factors in the Preschool Child

Kernit Odell Almos  
B.A. '39, Augustana College  
(Sioux Falls, South Dakota)  
Major, Business Administration  
Plan B

Leona May Erickson  
B.A. *cum laude* '45, University of Minnesota  
Major, Psychology  
Plan B

Edward Earl Anderson  
B.A. '42, Valley City State Teachers College  
Major, Educational Administration  
Plan B

Henry Goodman  
B.A. *cum laude* '41, University of Minnesota  
Major, Speech  
Plan B

Harold Otto Bahlke  
B.E. '37, Eau Claire State Teachers College  
Major, American Studies  
Plan B

Arnold Emil Gruber  
B.A. '38, Gustavus Adolphus College  
Major, Social Work  
Plan B

Gerald Orville Barger  
B.S. '40, Mankato State Teachers College  
Major, Educational Administration  
Plan B

Douglas Guddal  
B.A. '41, University of Minnesota  
Major, Journalism  
Plan B

Patrick Joseph Clifford  
B.S. '43, University of North Dakota  
Major, Economics  
Plan B

Lewis Evan Harris  
B.S. '28, University of Minnesota  
Major, Educational Administration  
Plan B

George Henry Collier  
B.A. '46, University of Minnesota  
Major, Psychology  
Plan B

John David Helmberger  
B.S. '41, Duluth State Teachers College  
Major, Economics  
Plan B

Helen Theresa Cupper  
B.A. '44, University of Minnesota  
Major, Social Work  
Plan B

John Frederick Hofmann

B.A. '46, Oberlin College  
Major, Mathematics  
Plan B

James Lester Holsinger

B.S. '39, State Normal and Industrial Col-  
lege (Ellendale, North Dakota)  
Major, Industrial Education  
Plan B

James Henry Johnson

B.A. '38, Macalester College  
Major, Educational Administration  
Plan B

Myrtle Elizabeth Kitchell

B.S. with distinction '39, University of  
Minnesota  
Major, Education  
Plan B

Robert Stanley Lincoln

B.A. '47, Cornell College  
Major, Economics  
Plan B

Vertone Charles Lukone

B.A. '38, University of Minnesota  
Major, International Relations  
Plan B

Rev. Arthur Alan MacGillivray, S.J.

B.A. '38, Boston College  
Major, English  
Minor, English (Composition)  
Thesis, An Approach to Catholic Literary  
Criticism

Floyd Mansfield Martinson

B.A. *magna cum laude* '42, Concordia  
College  
Major, Sociology  
Minor, Agricultural Economics  
Thesis, Some Factors Related to School  
Attendance in the Rural Counties of  
Minnesota and Adjoining States

Elizabeth McCarley

B.A. '45, Vanderbilt University  
Major, Child Welfare  
Minor, Psychology  
Thesis, Preference for an Obstructed Goal  
as a Function of Age

Helen Hazel Miller

B.A. '27, Hamline University  
Major, Educational Psychology  
Plan B

Norman Willis Moen

B.S. '41, University of Minnesota  
Major, American Studies  
Plan B

Ruth Ann Musselman

B.A. '45, Michigan State College  
Major, American Studies  
Plan B

Timothy Alexander O'Regan

B.A. *cum laude* '34, College of St. Thomas  
Major, Educational Administration  
Plan B

Frederick Ambrose Parsons

B.E. '39, St. Cloud State Teachers Col-  
lege  
Major, Educational Administration  
Plan B

Jack Patnode

B.A. *cum laude* '42, Macalester College  
Major, American Studies  
Plan B

Leonard Charles Purrington

B.E. '36, Mankato State Teachers College  
Major, Educational Administration  
Plan B

Margaret Lyon Randall

B.S. '42, University of Minnesota  
Major, Psychology  
Plan B

Clarence Dwight Reese

B.A. '42, University of Wisconsin  
Major, Business Administration  
Plan B

Clifford Bertram Rykken

B.S. '40, University of Minnesota  
Major, Educational Administration  
Plan B

Tenny Francis Seline

B.S. '41, University of Minnesota  
Major, Educational Administration  
Plan B

**Howard Albert Severson**  
B.S. '46, St. Cloud State Teachers College  
Major, Educational Administration  
Plan B

**Milton Jan Tze Shieh**  
B.A. '32, Soochow University Law School  
(China)  
B.J. '46, University of Missouri  
Major, Journalism  
Minor, Political Science  
Thesis, China's Propaganda and Public  
Opinion in World War II

**Garld Jackson Smith**  
B.E. '39, Winona State Teachers College  
Major, Educational Administration  
Plan B

**Robert Kenneth Sorensen**  
B.S. '37, University of Minnesota  
Major, Educational Administration  
Plan B

**Ethan Andrew Tange Svendsen**  
B.A. '41, Dana College  
Major, Industrial Education  
Plan B

**Teresa Traybiatowski**  
B.A. '30, College of St. Benedict  
Major, History  
Plan B

**Mary Watkins**  
B.S. cum laude '46, Butler University  
Major, Curriculum and Instruction  
Plan B

**Marvin William Ziesmer**  
B.S. '36, Drake University  
Major, Educational Administration  
Plan B

## MASTER OF SCIENCE

**Robert Louis Champa**  
B.S. '42, University of Minnesota  
Major, Agricultural Economics  
Minor, Soils  
Thesis, Trends of Farm Property Values  
in Minnesota from 1900 to 1945

**Clifford Ray Eckstrom**  
B.S. '40, University of Minnesota  
Major, Agricultural Economics  
Plan B

**Gunnar Christian Haug**  
Forester '41, State School of Forestry  
(Norway)  
Major, Forestry (Silviculture)  
Minor, Forestry (Management)  
Thesis, Public Regulation of Privately  
Owned Forests in Norway and Sweden

**Sheridan Hsio-tao Lee**  
B.S. '36, University of Shanghai (China)  
Major, Zoology  
Minor, Bacteriology  
Thesis, The Helminth Parasites of the  
Cotton Rat (*Sigmodon hispidus*)

**Fergus Day Hort Macdowall**  
B.S. '46, McGill University  
Major, Botany  
Minor, Physical Chemistry  
Thesis, The Effects of Inhibitors on the  
Photochemical Reduction of a Dye by  
Isolated Chloroplasts

**Elizabeth O'Leary Radway**  
B.S. '42, University of Minnesota  
Major, Physiology  
Minor, Physiological Chemistry  
Thesis, Renal Clearance Studies in Experi-  
mental Hypoproteinemia in Dogs

## MASTER OF SCIENCE

### in Aeronautical Engineering

**Lawrence George Kircher**  
B.Aero.E. '44, University of Minnesota  
Major, Aeronautical Engineering  
Plan B

**Franklin Jacob Ross**  
B.Aero.E. '46, University of Minnesota  
Major, Aeronautical Engineering  
Plan B

## MASTER OF SCIENCE

### *in Mechanical Engineering*

Donald Warren Endreson

B.M.E. '46, University of Minnesota  
Major, Mechanical Engineering  
Plan B

## MASTER OF SCIENCE

### *in Medicine*

Edward Dorrance Bayrd

B.A. '39, Dartmouth College  
M.D. '42, Harvard University  
Major, Medicine  
Minor, Clinical Pathology  
Thesis, The Bone Marrow on Sternal Aspiration in Multiple Myeloma

Alban Willi Eger

M.D. '42, Buffalo Medical School  
Major, Medicine  
Minor, Clinical Investigation  
Thesis, The Effect of Salt and Water on the Diuresis, Extracellular Fluids and the Composition of Blood and Urine in Human Subjects with Adrenal Cortical Insufficiency

William George Sauer

B.A. '36, M.D. '40, University of Cincinnati  
Major, Medicine  
Minor, Pathologic Anatomy  
Thesis, Chronic Interstitial Pancreatitis: A Histopathologic Study

## MASTER OF SCIENCE

### *in Orthopedic Surgery*

Frank Shaleen Babb

M.D. '38, University of Western Ontario  
Major, Orthopedic Surgery  
Minor, Surgical Pathology  
Thesis, Congenital Coxa Vara

Joseph Mowat Janes

B.A. '35, McMaster University  
B.S. '39, University of Toronto  
M.D. '36, University of Western Ontario  
Major, Orthopedic Surgery  
Minor, Physiology  
Thesis, Mast Cells: A Study of Their Distribution in Various Human Tissue

## MASTER OF SCIENCE

### *in Surgery*

Maurice Edward Costin, Jr.

B.A. '39, Dartmouth College  
M.D. '42, Harvard University  
Major, Surgery  
Minor, Surgical Pathology  
Thesis, Ovarian Tumors in Infants and Children

DOCTOR OF PHILOSOPHY

*P.A. Press*

**Robert Greenleaf Athearn**  
 B.S. '36, M.A. '38, University of Minnesota  
 Major, History  
 Minor, Political Science  
 Thesis, Thomas Francis Meagher: An Irish Revolutionary in America  
 Major Adviser, Prof. E. S. Osgood

**Ruth Allan McIntyre**  
 B.A. '36, M.A. '37, Mount Holyoke College  
 Major, History  
 Minor, Political Science  
 Thesis, The Role of the English Merchant in the Promotion of Discovery and Colonial Enterprise, 1496-1616  
 Major Adviser, Prof. Herbert Heaton

**Warren William DeLapp**  
 B.S. in C.E. '35, Kansas State Agricultural College  
 M.S. '40, University of Iowa  
 Major, Civil Engineering (Hydraulics)  
 Minors, Mathematics and Civil Engineering (Structural Engineering)  
 Thesis, The High Velocity Flow of Water in a Small Rectangular Channel  
 Major Adviser, Prof. L. G. Straub

**Arnold Carl Neva**  
 B.S. '41, M.S. '43, University of Minnesota  
 Major, Pharmacognosy  
 Minors, Pharmaceutical Chemistry and Pharmacology  
 Thesis, The Comparative Pharmacognosy of *Plantago Purshii* R. & S. and *Plantago aristata* Michx.  
 Major Adviser, Prof. E. B. Fischer

**Royal Burdick Embree, Jr.**  
 B.A. '29, Washington and Lee University  
 M.A. '30, Ohio State University  
 Major, Educational Psychology  
 Minor, Education  
 Thesis, A Study of the Graduates of University High School from 1921 to 1945 with Special Reference to Their Subsequent Academic Careers  
 Major Adviser, Prof. W. S. Miller

**Kenneth Truman Seeley**  
 B.A. magna cum laude '26, University of Minnesota  
 Major, English  
 Minor, Philosophy  
 Thesis, Five Keys to Gulliver  
 Major Adviser, Prof. C. A. Moore

**Robert Arthur Larsen**  
 B.S. with distinction '43, M.S. '45, University of Minnesota  
 Major, Agricultural Biochemistry  
 Minor, Botany  
 Thesis, The Effect of Heat Treatment on the Value of Nonfat Milk Solids as a Supplement in Bread Baking  
 Major Advisers, Profs. W. F. Geddes and Robert Jenness

**Mildred Clara Emma Templin**  
 B.A. '36, M.A. '37, University of Wisconsin  
 Major, Child Welfare  
 Minor, Educational Psychology  
 Thesis, Development of Reasoning in Children with Normal and Defective Hearing  
 Major Adviser, Prof. J. E. Anderson

**John Raymond Vaughn**

B.S. '38, Colorado State College of Agriculture and Mechanic Arts  
 M.S. '40, University of Minnesota  
 Major, Plant Pathology  
 Minor, Plant Genetics  
 Thesis, The Nature of Resistance of Potatoes to Scab and Some Factors Affecting the Type of Pustule  
 Major Advisers, Profs. E. C. Stakman and C. J. Eide

# UNIVERSITY OF MINNESOTA

Summer Session

*Commencement Exercises*

1947



NORTHROP MEMORIAL AUDITORIUM  
THURSDAY EVENING, AUGUST TWENTY-EIGHTH  
AT EIGHT O'CLOCK

# PROGRAM

PRESIDENT JAMES LEWIS MORRILL, Presiding

## ORGAN MUSIC—(Seven-thirty o'clock)

Sonata II - - - - - Mendelssohn

Grave

Adagio

Macstoso

Siciliano - - - - - Bach

Praeludium II on "Puer Natus est Nobis" - F. Campbell-Watson

PROCESSIONAL—Grand Chorus in B $\flat$  - - - - Dubois

ELIZABETH ABELER

Organist

## PRESENTATION OF COLORS

### NATIONAL ANTHEM—"The Star-Spangled Banner"

Oh, say, can you see, by the dawn's early light,  
What so proudly we hail at the twilight's last gleaming,  
Whose broad stripes and bright stars, thro' the perilous fight,  
O'er the ramparts we watched, were so gallantly streaming?  
And the rockets' red glare, the bombs bursting in air,  
Gave proof thro' the night that our flag was still there.  
Oh, say, does that star-spangled banner yet wave  
O'er the land of the free and the home of the brave?

## INVOCATION

THE REVEREND GEORGE P. CONGER, B.D., Ph.D.

Professor of Philosophy, University of Minnesota

## COMMENCEMENT ADDRESS—"Looking Forward"

FRANK G. BOUDREAU, LL.D.

Executive Director, Milbank Memorial Fund



# CONFERRING OF DEGREES

JAMES LEWIS MORRILL, LL.D.  
President of the University of Minnesota

## SONG—"Hail Minnesota"

Minnesota, hail to thee!  
Hail to thee, our College dear!  
Thy light shall ever be  
A beacon bright and clear;  
Thy sons and daughters true  
Will proclaim thee near and far;  
They will guard thy fame  
And adore thy name;  
Thou shalt be their Northern Star.

Like the stream that bends to sea,  
Like the pine that seeks the blue!  
Minnesota, still for thee,  
Thy sons are strong and true.  
From thy woods and waters fair,  
From thy prairies waving far,  
At thy call they throng,  
With their shout and song,  
Hailing thee their Northern Star.

## RECESSIONAL—Toccata "Electa ut Sol" - - - Dallier

ELIZABETH ABELER

(The audience will remain until those in academic costume have left the hall)

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### SMOKING

As a courtesy to those attending functions, and out of respect for the character of the building, be it resolved by the Board of Regents that there be printed in the programs of all functions held in the Cyrus Northrop Memorial Auditorium a request that smoking be confined to the outer lobby on the main floor, to the gallery lobbies, and to the lounge rooms.

## CANDIDATES FOR GRADUATION

Subject to the completion of all curriculum requirements at the close of the Summer Session, degrees will be conferred as indicated on those listed below and upon such others as may meet the graduation requirements.

### GENERAL COLLEGE

#### ASSOCIATE IN ARTS

Donald Duncan Barr  
Paul Edward Boog  
John Lawrence Burke  
James Dwight Corbett  
Philip Barker Damkrocker  
Robert George D'Aoust  
Bruce Martin Daugherty  
Theo Helen Egeland  
Donald Lester Erickson  
Kenneth John Eskedahl  
Elizabeth Felix  
Arnold Lee Green  
Shirlie Marie Haertzen

William Daniel Hawn  
Thomas Joseph McCauley  
Douglas Fredrick McClellan  
Frank Mihalik  
Raymond Eilert Olson  
Charles Roger Ostroot  
Maurice Rischall  
Frank Gregory Semanko, Jr.  
Stephen Lee Shepherd  
Laurence Verner Sundquist  
Marion Helen Turner  
Devereux Webster  
Alfred Willstatter

### MEDICAL SCHOOL

#### GRADUATE IN NURSING\*

Marie Hassett  
Patricia Hassett  
Barbara Jean Kirk

Delphine Mary Norman  
Margaret A. H. Snyder

### COLLEGE OF SCIENCE, LITERATURE, AND THE ARTS

#### ASSOCIATE IN LIBERAL ARTS

Barbara Ann Anderson

James Ivan Medof

#### BACHELOR OF ARTS

†*summa cum laude*

Thomas Augustine Flinn  
Sam Lynn Hynes

Ivan Joseph Kubanis

\* These degrees are conferred subject to the satisfactory completion of nursing practice prior to December 18, 1947.

† Candidates graduating with honors are identified by differentiated shoulder insignia.

## BACHELOR OF ARTS

†magna cum laude

Kenneth Emil Ahola  
Annabel Johnson Engelman  
William Jules Filante  
Mary Goepfert  
Charlotte Hope Greenfield  
Bernard Edward Herman  
Dwight Carroll Hoeg

Helen Florence Hynes  
Ida Marie Larsen  
Sidney Lyons  
Mildred Lucille Schaffer  
Edward William Swenson  
Walter Llewellyn Wilder

## BACHELOR OF ARTS

†cum laude

Maurice Allen Garrison  
Nicholas John Karalis  
Delmar Eugene Krienke

M. Wesley Marans  
Frances Jane Osgood  
Richard Edward White, B.S.L.

## BACHELOR OF ARTS

Harry Sommers Aasved  
Marilyn Irene Abelson  
Beverly Acker  
Paul Storland Alm  
Clyde Leonard Anderson, Jr.  
John William Anderson  
Dorothy Marie Arneson  
Ethel C. Arvidson  
Abbie Regina Bailin  
Wayne Randolph Bassett  
Paul Gregory Bauer  
David Eugene Beck  
Milton Burton Bellis, B.S.  
Beverly Jane Brown  
Philip Dixon Christensen  
Lyman Wallace Cole, Jr.  
Robert William Curry  
Mary Patricia Doyle  
Jean Marie Ebbighausen  
Evan Sherman Ellison  
Leonard William Goldman  
Charlotte Hope Greenfield  
Byron Eugene Harrell  
Hyman H. Hechter  
Fredrick Carl Herfurth  
Anne Louise Hughes  
Frederick Raymond Jahn  
Roger Stanley Johnson  
M. Phyllis Jokull  
Charles William Knapp  
Robert Daniel Larson

Charles A. Lee  
Raymond Gregory Leonard  
Raymond Kenneth Levang  
Joan Patricia McQuillan  
Robert John Meyer  
John Patrick Moran  
Helen Obradorich  
Ruth Evelyn Olson  
Wesley Marion Parcels  
John Clear Perry  
Herbert William Peterson  
Donna Louise Petterson  
Paul Jules Piccard  
William George Redel  
Eric Axel Rehnwall  
Jeanette Theresa Siron  
Harry John Smith, A.A.  
Barbara Kathleen Stiles  
Albert W. Taylor, Jr.  
Marjorie Marion Thomas  
James Robert Thompson  
William Richard Turnwall  
Marjorie Laura Vaughn  
Morley Jane Vial  
June Marie Vorachek  
Virginia Grace Warner  
Harold Junior Watson  
Gloria LaFrance Williams, A.A.  
Richard Alan Williams  
Theodore Crawford Willoughby

† Candidates graduating with honors are identified by differentiated shoulder insignia.

BACHELOR OF SCIENCE

Neil Servis Boardman  
Owen Hilmer Johnson

Kathleen Worst, B.A., M.A.

BACHELOR OF SCIENCE

*In Library Science*

Eleanor Celeste Barthelemy, B.A.      Wayne Randolph Bassett, B.A.

INSTITUTE OF TECHNOLOGY

BACHELOR OF AERONAUTICAL ENGINEERING

*†with high distinction*

Lawrence Edgar Craig  
David Alexander Laurie

Joseph Richard Withee, Jr.

BACHELOR OF ELECTRICAL ENGINEERING

*†with high distinction*

Herbert Paul Jacobson, Jr.

Elmont Charles Ward

BACHELOR OF PHYSICS

*†with high distinction*

Howard M. Robbins

BACHELOR OF AERONAUTICAL ENGINEERING

*†with distinction*

Grant Jordan Butterworth  
Charles Eumurian

Dan James Gareri  
Fredric Herman Strunk

BACHELOR OF ARCHITECTURE

*†with distinction*

Jean Muriel Levy

BACHELOR OF ELECTRICAL ENGINEERING

*†with distinction*

John Malcolm Johnson, Jr.

Fiske Dayton O'Hara

BACHELOR OF MECHANICAL ENGINEERING

*†with distinction*

Oliver Conrad Christiansen  
Charles Frazee Murphy

Hideyoshi Nakamura

† Candidates graduating with honors are identified by differentiated shoulder insignia.

## BACHELOR OF CHEMICAL ENGINEERING

†with distinction

George Gilman Chapin, Jr.

## BACHELOR OF AERONAUTICAL ENGINEERING

Darral James Berg  
George Clement Brown  
Warren Curtis Brown  
Richard Shellie Dick  
Fred Emmert, Jr.  
Douglas Bonde Engum  
Bruce Bertram Estabrooks  
James Walter Gebhard  
Paul John Holcomb  
Robert Melton Howard

John Arthur Lien  
Ernest Richard Poston  
Allen Melvin Smith  
Luther Westley Stear, Jr.  
Ray Ellsworth Stiles  
James Paul Sutton  
Ralph William Swanson  
Edward Everett Wold  
Donald Edward Young

## BACHELOR OF AGRICULTURAL ENGINEERING

Clark LeRoy Hanson

## BACHELOR OF ARCHITECTURE

Richard William Handford

## BACHELOR OF CIVIL ENGINEERING

Thomas Clayton Beebe  
Harold Lee Fredrickson  
Jerome Roderick Hagemeister  
Robert Byron Kimball

Ralph Edward Miller, Jr.  
Edwin Morris Nelson, B.A.  
William Diedrich Stockman

## BACHELOR OF ELECTRICAL ENGINEERING

Winston Edward Bergsman  
John F. Burdoin  
William Raymond Fay  
Edmond Glover Franklin  
Paul Henry Friedrichs, Jr., B.S. in  
Nav. Tech.  
Curtis William Fritze  
Kenneth Moore Fullerton, Jr.  
Forest Morasco, B.A.

James Lawrence Rynning  
Clifford Elmer Sawyer  
Richard Gordon Schwartz  
Sherman Singer  
Melvin Spiegler  
Albert O. Stark  
Warren Eugene Stenstrom  
Philip Carl Veek

## BACHELOR OF MECHANICAL ENGINEERING

Toshio William Abe  
Frank Fletcher Altman  
John Dwight Anderson  
Benjamin Cody Benjamin

Robert Frank Born, B.S.  
Daniel Merrit Brown  
David Rolland Conkey *CHILDS, SHELDON M.*  
Arnold Louis Ender

† Candidates graduating with honors are identified by differentiated shoulder insignia.

Donald George Estebo  
Robert Lamont Hanes  
Clark LeRoy Hanson, B.Ag.E.  
Vernon Gustav Hoden  
John Minn Hopkins  
Archie LeRoy Johnson  
Silas Howard Larson  
James Carl Mellgren  
Ralph T. Osen  
Clarence Henry Perbix

Floyd Clifton Priest  
David C. Prosser  
William Edward Riedner  
Frederick Keith Rosecrans, B.E.E.  
Paul Edwin Scheffer  
Eugene Richard Shelley  
Kenneth Dean Simon, A.A.  
Alvin Einar Swanson  
William Merrill Turner

#### BACHELOR OF CHEMICAL ENGINEERING

Frederick Kirk Bieri  
Phyllis Brown  
Samuel Roger Carlson  
John Bernard Condon  
Arnold Daskovsky  
Bernard Ecanow  
John William Erickson  
John Joseph Esch  
Richard Thomas Flaherty  
Robert Earl Garber

Richard Walter Harper, B.S. in  
Nav. Tech.  
Wade Nelson Hubert, B.S.  
Roger Tyrus Johnson  
Frederick William Morgart, Jr.  
Wilfred Garhard Mueller  
Donald Francis Riegger  
Harold Lloyd Sadoff  
Robert Charles Schroeder  
Robert Ellsworth Whitney

#### BACHELOR OF CHEMISTRY

Wallace Allen Kirkpatrick

Theodore Martin Swanson

#### BACHELOR OF PHYSICS

Robert Lloyd Treuthart

#### BACHELOR OF METALLURGICAL ENGINEERING

Kalman William Abrams

Jerome Chadbourn Hawley

#### COLLEGE OF AGRICULTURE, FORESTRY, AND HOME ECONOMICS

##### BACHELOR OF SCIENCE

*(Course in Agriculture)*

Laurance Robert Elwell, Jr.  
Robert Murray Ioset

Osgood Teoful Magnuson  
Joseph Mathew Russo

*(Course in Forestry)*

Robert Bauck

Walter J. Fillmore

*(Course in Home Economics)*

Lynn Virginia Haggquist

**COLLEGE OF AGRICULTURE, FORESTRY, AND  
HOME ECONOMICS AND COLLEGE  
OF EDUCATION**

**BACHELOR OF SCIENCE**

*(Course in Agricultural Education)*

Rollin Marshall Dennistoun

*(Course in Home Economics Education)*

Dolores Upstill Martenson

*(Course in Home Economics and Nursery School Education)*

Lyla Mary W. Sargent

**COLLEGE OF AGRICULTURE, FORESTRY, AND HOME  
ECONOMICS AND SCHOOL OF BUSINESS  
ADMINISTRATION**

**BACHELOR OF AGRICULTURAL BUSINESS ADMINISTRATION**

*(Course in Agricultural Business Administration)*

Harry Thomas Trites

**LAW SCHOOL**

**BACHELOR OF SCIENCE**

*In Law*

Robert Roy Biglow, B.S.  
Donald Hayes Bruer  
Chester Albin Bruvold  
Donald Rodney Bundlie  
William Richard Busch  
Earl Frank Cheit  
Keith Church Davison  
Frank Samuel Farrell  
Harold Orlin Foreman  
Raymond Ruben Friederich, B.S.  
Anthony Charles Gospodar  
George Hale Gould  
Klein Leonard Johnson  
James Oliver Juntilla  
James Theodore Knutson  
Robert Stanton Krause  
Wilbur Morse Lasley

Milton B. Learner  
Irving Nemerov  
Stanley Charles Olson  
Allan Milo Oppen  
Robert August Peterson  
Aldo D. Pieri  
John Albert Pierro  
James Orville Ramstad  
Robert John Rice  
Walter Edgar Riordan, B.A.  
Robert Elmer Shea  
Ralph Clare Streater, Jr.  
Arthur Robert Swan  
Robert Hartzell Trautman  
Harold Seymour Wippman  
Walter William Wozniak

## BACHELOR OF LAWS

Robert William Barnett, B.S.L.	James Howard Flowers, B.A.
Samuel Bearmon, B.B.A., B.S.L.	James Evans Garrity, B.S.L.
Chester Albin Bruvold	Elwood Madison Graham, B.S.L.
Pierce Butler, B.A.	Ward Percy Gronfield, B.S.L.
John Francis Cahill, B.A., B.S.L.	Gene Wells Halverson, B.A.
Douglas Lec Carlsen, B.S.L.	Leonard Arnold Hanson, B.S.L.
Charles Edward Cashman, B.S.L.	Richard Alfred Hausler, B.S.L.
Thomas Montgomery Champlin, B.A.	Winston Willis Hurd, B.S.
James Hilliard Collins, B.A.	Robert Dee Kermott, B.S.
Robert Waldo Corlett, B.S.L.	Harold John Libera, B.S.L.
John Edward Daubney, B.S.L.	Richard Arthur Nordbye, B.A., B.S.L.
James L. Donaghue, B.S.L.	Joe Aldrich Walters, B.S.L.
William Gus Dressel, B.S.L.	Claude James Zagaria, B.S.L.
Gerald Martin Fine, B.S.L.	

## MEDICAL SCHOOL

### BACHELOR OF SCIENCE

†with high distinction

Margaret A. H. Snyder

### BACHELOR OF SCIENCE

†with distinction

(Course in Physical Therapy)

Robert Francis Scoll

(Course in Public Health Nursing)

Mary Frances Lyons

Mildred Scheier, R.N.

### BACHELOR OF SCIENCE

(Course in Medicine)

John Amberg	Agamemnon Despopoulos
Hazel Louise Anderson	James Raymond Doyle
Marilyn Jeanne Anderson, B.A.	Conrad Engwold Eastwold, B.A.
Royden Belcher	Edwin Gustaf Eklund, Jr.
William Ward Bock	Lief W. Erickson
Edwin Elberg Boysen	David William Feigal
Richard Sylvester Campion	Richard Eugene Fleming
Sol Center, B.A.	Gilbert Hugo Friedell
Eleanor Colle, B.A., magna cum laude	James Paul Ginsberg, B.A.
Donald Fredrick De Marse	Anthony Stephen Grahek
	David Cress Groenig

† Candidates graduating with honors are identified by differentiated shoulder insignia.



Elaine Mary Hacker, B.A. magna  
cum laude

John Doran Hagen

William Hicks Inglis

Roy Raymond Juntunen

Sheldon Wayne Kayute

Paul Jackson Keith

Edward Horan Kelly

Marvin Curtis Korengold, D.D.S.

Thomas Abraham Lincoln, B.A.

Robert Myron Lundblad

Raymond Carl Magnuson

Patrick Henry Marrone

Elizabeth Mary McKenna

Marshall J. Melius, A.A.

Charles Sibrel Moates

Ralph Anthony Muhich

Lynn Alden Murray

George Ernst Nelson, Jr.

Maxine Olive Nelson

Jeremiah Francis O'Connor

Lawrence Jurgen Opsahl

Benjamin Peter Micheal Owens, Jr.

Patricia Felch Pendill, B.A.

Clifton Robert Peterson

Norman Eggleston Pond, B.A.,  
cum laude

Robert W. Reif

Frank Blair Rice, B.A.

John Peter Sande, Jr., D.D.S.

Eugene Ira Saxon

Paul Hjertaas Stavig

Julius Stone, B.A.

Louis George Stuhler

Wesley George Tomhave, B.A.

Richard Carlyle Tucker, B.A.

James Moses Aaron Weiss, B.A.,  
summa cum laude

Edwin Owen Wicks, B.S., M.S.

M. James Woltjen

John Richard Ylvisaker, B.A.

John Richard Zell

(Course in Public Health Nursing)

Alice Patricia Brady

Mildred Jeanette Congdon, R.N.

Catherine Delores Dodds

Wilhelmina Marie Dunker

Iva Fuller Furrell

Veronica Geniesse

Mary Kathryn Graupmann

Mary Kallenberger Graves, A.A.,  
R.N.

Lucille Virginia Grosjean, R.N.

Marie Hassett

Patricia Hassett

Mary Elizabeth Jones

Barbara Jean Kirk

Margaret Mary Lynskey

Miriam Moran

Marie Morris

Delphine Mary Norman

Marian Revta, R.N.

Helen Gene Rockwood, R.N.

Edithe Turner

Ann Helene Wanko

Lillian D. Zimmerman

BACHELOR OF MEDICINE

Martin Alfred Adson, B.S.

Frank Joseph Anderson, Jr., B.S.

Edward Gregory Bauer, B.S.

William Ward Boçk

Harry Park Borgeson, B.S.

Florence Jacqueline Bouthilet, B.S.

Raymond Adolphe Boyce, B.A.

James Frederick Boysen, B.S.

William John Buggy, B.S.

Harry Frank Burich, B.S.

John Wood Bussman, B.S.

Cherry Blossom Cedarleaf, B.A., B.S.

Anne Kathryn Cottor, B.S.

Donald Fredrick De Marse

Agamemnon Despopoulos

Antoni Mills Diehl, B.S.

Edward Patrick Engels, B.S.

David William Feigal, B.S.

Norman Edward Fidelman, B.S.

James Brainerd Flinn, B.S.

William Bernard Gallagher, B.S.	Albert MacDonell Richards, B.A., B.S.
Edwin Samuel Goms, B.S.	David Lawrence Rosenbaum, B.A., B.S.
Reuben Gull, B.S.	Robert Grangaard Rossing, B.S.
Rollin Montell Hansen, B.S.	Harold M. Schneidman, B.S.
LeRoy William Hanson, B.S.	Albino Luciano Settimi, B.S.
Vernon Ashcraft Harrington, Jr., B.S.	Arthur Bernard Shuldberg, B.S.
Paul John Hauser, B.S.	Marvin David Siperstein, B.S.
Darwin Kennard Holian, B.A.	Jerome Francis Smersh, Jr., B.A., B.S.
Wayne Loren Hoseth, B.S.	Arnold Joseph Spanjers, B.S.
Jay Carrol Hoyt, B.S.	John Joseph Stransky, B.S.
George Walter Janda, Jr., B.S.	Robert Leon Sturges, B.S.
Ruth Margarita Jolly, B.S.	Ernest Chun-seck Tam, B.S.
Sheldon Wayne Kayute	Sylvan Oscar Tatkin, B.S., D.D.S.
Thomas Schreiner Kemp, B.S.	Mary Hilbert Teberg, B.S.
Morris Klein, B.S.	Charles Eugene Tesar, B.S.
Harold Dale Kletschka, A.S., B.S.	Paul Erhard Teschan, B.S.
Richard Frank Kline, B.S.	Richard Boland Tregilgas, B.S.
James Perry Lillehei, B.S.	Charles Gordon Vaughn, B.S.
Carl Edward Lipschultz, B.S.	John Edward Verby, Jr., B.A., B.S.
Wilfred Milton Lundblad, B.S.	Stanley Carl Von Drashck, B.S.
Charles Elliott Magraw, B.S.	John Arthur Watkins, B.S.
Doreen Aprilla Martin, B.S.	William Bachrach Weil, Jr., B.A., B.S.
Leonard William Melander, Jr., B.S.	Matthew Just Weir, B.S.
Thomas David Moberg, B.S.	Robert A. Weyhrauch, B.S.
Luther Arnold Nelson, B.S.	John Louis Whitaker, Jr., B.S.
William Caulkins Nelson, B.S.	Delbert Frederick Wichelman, B.A., B.S.
Paul Charles Olfelt, B.S.	Theodore Warren Wilson, B.A.
Jack Gordon Olsen, B.S.	John Richard Ylvisaker, B.A.
Benjamin Peter Micheal Owens, Jr.	Martin L. Zucker, B.A., B.S.
Vincent James Paciotti, B.S.	
Philip Young Paterson, B.S.	
Clifton Robert Peterson	
Frank Blair Rice, B.A.	

### MASTER OF PUBLIC HEALTH

Lila May Atkisson, B.A.	Ana Luisa Rodriguez de Otero, M.A.
Marion Townsend Bryant, B.S., C.P.H.	Carmen Estrella Diez Sella, B.A.
Elmer Alfred Huset, Jr., B.C.E.	Stewart Craig Thomson, B.A., M.S., M.D.

### COLLEGE OF EDUCATION

#### BACHELOR OF SCIENCE

†with high distinction

Ella A. Haugum*	Joy Belle Quimby
Wedel Daniel Nilsen	Patricia Jean Schwarz

\* Nursing Education Curriculum.

† Candidates graduating with honors are identified by differentiated shoulder insignia.

## BACHELOR OF SCIENCE

†with distinction

Winifred Davis Colman  
Grace I. Dannatt

May Vontver

## BACHELOR OF SCIENCE

Ann M. Anderson  
Donald Richard Anderson  
Ruth Beverly Anonsen  
Edgar Gerald Barton  
Ruth Mangum Cahill, B.A.  
Donald Vernon Carlson  
Ruth Anne Christofferson  
Jean D. Conklin\*  
Sybil Anderson Fillman  
Elsie Johnson Florin  
Rudolf Ferdinand Greulich  
Phyllis Greve  
Luvern Fred Grote  
Joseph Henry Grunz  
Don Wallace Gunderson  
Grace Marguerite Hodous, A.A.  
Morris Hoffman  
Edythe Adele Johnson  
Roger Clayton Larson

Francis Robert Lower, A.A.  
Margaret Ruth Lucia  
Lillian McGreevey  
Eulalia Murphy  
Carolyn Rush Nearhood  
Raymond James Sanderson, Jr., A.A.  
Leon Anthony Schertler  
Arnold Eugene Schwieger  
Marion Claire Scudder  
Marilyn Louise Semtner  
David Wakefield Shepard  
Ruth Alberta Smith  
Alvin Bernard Solem  
Marie Alice Spartz\*  
Richard Joseph Stake  
Cora Peterson Stoneman  
Sybil May Swedberg  
Shirleyann Katherine Tindall  
Mathilda Amanda Welo

## MASTER OF EDUCATION

Vanner Fred Anderson, Jr., B.S.  
Blair C. Archer, B.S.  
Frederick William Bierhaus, B.S.  
Raymond Arnold Dolen, B.A.  
Edward John Dvorak, B.S.  
Robert Nathaniel Gardner, B.A., B.S.  
Donnabelle Hibbs, B.S. with distinction

Ralph John Lundeen, B.S.  
Peter John Lupori, B.F.A.  
Harold Woodrow Paulsen, B.S.  
George Daniel Prazich, B.A.  
Merton Blaine Utegaard, B.A.  
William E. Zesiger, B.S.

## SCHOOL OF BUSINESS ADMINISTRATION

### BACHELOR OF BUSINESS ADMINISTRATION

†with distinction

Joseph Norman Anderson

Glen Elroy Mingo

\* Nursing Education Curriculum.

† Candidates graduating with honors are identified by differentiated shoulder insignia.

## BACHELOR OF BUSINESS ADMINISTRATION

Hugh Gillette Anderson	Bronald Glenn Kellett
Rollin John Baker	Bruce Frank Kennedy
James Hall Barickman	Erland Bergum Knauss
Lowell William Barton	Harris Dean Kost
Donald Eugene Becker	William Edward Kowalski
Robert Clark Becker	Robert Andrew Krysa
Robert Wallace Beckwith	Chester Kulas
Stanhope Eccleston Blunt, Jr.	Charles Lincoln Langer
Alden Humphreys Bowman	Thomas Richard Lindquist
Ralph Frank Brinkman	Harvey Ulrich Lufi
Paul Roger Buhl	John Enoch Lundberg
Edward George Burgher	John William Marcy
Max Alwin Butterfield	Paul G. Martin
Donald Joseph Carlson, B.M.E. with distinction	Harry Edward McGinty, Jr.
Lennart H. Carlson	James Robert McIlvenna
Rudolph J. Charney	Patricia Jeanne McRoberts
Warren George Christianson	George David Michalson
Robert Montgomery Clark, Jr.	Palmer Ellsworth Moe
William John Cole	Kenneth Einar Monson
Arthur Theodore Cone	William Charles O'Brien
Perry Wallace Copeland, Jr.	Lester Roy Olson
James John Craig	Chester Joseph Pec
Burnett Clayton Denker	Clarence Henry Perbix
Joseph Howard Dervie	Clark Stanton Peterson
George Walker Doud	Leslie William Rantala
Earl George Dresser	Paul Francis Reed
Oliver Nelson Dyste	Robert James Reese
Clarence W. Flink	Louis Greenwald Ridge
Aileen Elizabeth Foley	John William Rudberg
Calvin Eral Forbes	Richard Anthony Ruh
Arnold Larry Goldman	James Anthony Rush
Gordon Goodnough Grant	James Andrew Schedin
Emerson P. Greenberg	Forrest Richard Schmid
Donald Wayne Gustafson	Samuel J. Schneider, Jr.
Kenneth Norman Hanson	Robert Henry Schumacher
Theodore Schaffer Hanson	Donald' Ulton Seaman
Kenneth Raymond Harper	Kenneth Dean Simon, A.A.
Edwin Joseph Hartwick	Jack Spewak
Matthew William Hogan	Martin Henry Strandbergh
George William Horan	Roy Edwin Swanson, Jr.
Robert Coulton Ingoldt	Clinton Fredric Trautz
Frank Henry Ittner	Robert Louis Vinje
Jerry Jerome Jacques	John Edward Wasche
Robert Ives Janssen, B.A.	Richard Earl White
Tally Herbert Jarrett, Jr.	John Robert Wilson
Adler Monroe Johnson	Kenley Voorhees Winchester
George Lancaster Jones	Richard Rolland Windmueller
Floyd Thomas Joynes	Stanley Blair Wolfson

## UNIVERSITY COLLEGE

### BACHELOR OF SCIENCE

† magna cum laude

William David Emmons

### BACHELOR OF SCIENCE

† cum laude

Juanita Jean Proebstel

### BACHELOR OF ARTS

Virginia Theodora Pappas  
Frances Marion Sorg

John Hubert Weber

### BACHELOR OF SCIENCE

Vincent Davey Conover  
Vester Linne Vanstrom, LL.B.

Eric H. Wahlin

## GRADUATE SCHOOL

### MASTER OF ARTS

Elie Marie Asleson  
B.S. '39, University of Wisconsin  
Major, Social Work  
Plan B

Carl N. Bye  
B.A. '32, Concordia College  
Major, Educational Administration  
Plan B

Eleanor Mae Barnett  
B.A. '37, University of Denver  
Major, Social Work  
Plan B

Glenn Homer Card  
B.S. '29, University of Minnesota  
Major, Educational Administration  
Plan B

Ralph Richard Blake  
B.E. '34, Mankato State Teachers College  
Major, Educational Psychology  
Plan B

William Frederick Carlson  
B.E. '38, Duluth State Teachers College  
Major, Educational Administration  
Plan B

Robert Leo Boatman  
B.S. '41, Iowa State College  
Major, Economics  
Plan B

Monte LeRoy Castleman  
B.A. '40, Minot State Teachers College  
Major, Educational Administration  
Plan B

William Sylvester Bossenmaier  
B.A. cum laude '43, St. John's University  
Major, Business Administration  
Plan B

Walter Wesley Christopherson  
B.S. '34, University of Minnesota  
Major, Educational Administration  
Plan B

† Candidates graduating with honors are identified by differentiated shoulder insignia.

- Joseph Anthony Cifonelli  
B.A. '43, University of Minnesota  
Major, Organic Chemistry  
Plan B
- Alvin Eugene Comstock  
B.A. *magna cum laude* '43, Hamline University  
Major, Economics  
Plan B
- J. Einar Eilertson  
B.A. '39, B.S. '41, University of Minnesota  
Major, German  
Minor, Germanic Philology  
Thesis, Platen's Versification
- Eugene Warren Eininger  
B.S. '40, Moorhead State Teachers College  
Major, Educational Administration  
Plan B
- Russell Leroy Ferguson  
B.Ch.E. '43, B.B.A. '46, University of Minnesota  
Major, Economics  
Plan B
- Walter Ballou Gray  
B.A. '26, Cornell College  
Major, Educational Psychology  
Plan B
- Arvo Edwin Haapa  
B.A. *summa cum laude* '36, University of Minnesota  
Major, Journalism  
Minor, Political Science  
Thesis, Organization and Operation of the Office of International Information and Cultural Affairs
- Mary Adeline Halvorson  
B.S. '43, University of Minnesota  
Major, History  
Plan B
- John Olaf Einar Hardin  
B.B.A. '45, University of Commerce and Economics (Sweden)  
Major, Business Administration  
Plan B
- Shirley Ann Hargraves  
B.A. '46, Park College  
Major, Psychology  
Plan B
- Harold S. Hedman  
B.E. '32, Duluth State Teachers College  
Major, Educational Administration  
Plan B
- Donald W. Hein  
B.S. with honor '40, Winona State Teachers College  
Major, Educational Administration  
Plan B
- Jane Holden  
B.A. '34, Skidmore College  
Major, Social Work  
Plan B
- John Lewis Holland  
B.A. '42, University of Omaha  
Major, Psychology  
Plan B
- Marvin Lewis Horsky  
B.B.A. '46, University of Minnesota  
Major, Statistics  
Plan B
- Duane Alan Jackman  
B.S. '41, River Falls State Teachers College  
Major, Industrial Education  
Plan B
- Mildred Viola Joel  
B.A. '40, Augsburg College  
Major, Educational Psychology  
Plan B
- Harriet Caroline Johnson  
B.A. '44, University of Minnesota  
Major, Social Work  
Plan B
- Parker Tefft Jones, Jr.  
B.A. '41, Carleton College  
Major, Economics  
Plan B
- Armond Theodore Larson  
B.E. '37, Moorhead State Teachers College  
Major, Educational Administration  
Plan B
- Gove Pettit Laybourn, Jr.  
B.A. '43, University of Minnesota  
Major, Psychology  
Plan B
- Robert Peter Libera  
B.A. '46, St. Mary's College  
Major, English  
Plan B
- Arthur Carl Lindman  
B.S. '34, University of Minnesota  
Major, Educational Administration  
Plan B
- Mildred Katherine Loughrea  
B.S. '35, University of Minnesota  
Major, Curriculum and Instruction  
Plan B

- Clyde Ross Manchester**  
 B.A. '41, Hamline University  
 Major, Educational Psychology  
 Plan B
- Thomas William Mitchell**  
 B.E. '27, Superior State Teachers College  
 B.S. '34, University of South Dakota  
 Major, Educational Administration  
 Plan B
- William Arthur Olson**  
 B.A. '30, Luther College  
 Major, Educational Administration  
 Plan B
- Eugene Owen Peisner**  
 B.A. '41, Grinnell College  
 Major, Educational Psychology  
 Plan B
- Farre Joseph Pequigney**  
 B.A. magna cum laude '44, University of  
 Notre Dame  
 Major, English  
 Plan B
- Elizabeth Jane Peterson**  
 B.B.A. '38, University of Minnesota  
 Major, Psychology  
 Plan B
- Arthur Conrad Ranheim**  
 B.A. '29, St. Olaf College  
 Major, Educational Administration  
 Plan B
- Clifford Oliver Ranheim**  
 B.A. '31, St. Olaf College  
 Major, Educational Administration  
 Plan B
- Mary Jane Rehder**  
 B.A. '46, University of Minnesota  
 Major, Psychology  
 Plan B
- Marguerite Ida Rideout**  
 B.E. '37, Winona State Teachers College  
 Major, Curriculum and Instruction  
 Plan B
- William Delbert Roche**  
 B.E. with honor, '38, Winona State  
 Teachers College  
 Major, Educational Psychology  
 Plan B
- Harry Elmer Rumpel**  
 Ph.B. '23, Ripon College  
 Major, Educational Administration  
 Plan B
- Virginia Denise Ryan**  
 B.A. summa cum laude '46, St. Josephs  
 College for Women  
 Major, Child Welfare  
 Minor, Psychology  
 Thesis, The Relation Between the Num-  
 ber Abilities of Young Children and  
 Their Parents' Interest in and Attitudes  
 Toward Number Experiences
- Martha Dee Schwartz**  
 B.E. '38, Mankato State Teachers College  
 Major, Social Work  
 Plan B
- Henry Wallace Sinaiko**  
 B.A. '46, University of Minnesota  
 Major, Psychology  
 Plan B
- Sister Mary Joselyn Baldeshwiler**  
 B.A. '42, College of St. Scholastica  
 Major, English  
 Minor, Education  
 Thesis, The Relation of Francis Thomp-  
 son to the Meynell Family
- Sister Mary Mildred Fritz**  
 B.A. '33, College of Mount Saint Vincent  
 Major, Educational Administration  
 Plan B
- Sister Therese Oswald**  
 B.A. '38, College of St. Scholastica  
 Major, History  
 Plan B
- Oyvind Skard**  
 Artium '38, Haagaas School (Norway)  
 Major, Psychology  
 Plan B
- Louis Edward Slock**  
 B.E. '40, Central State Teachers College  
 Major, Curriculum and Instruction  
 Plan B
- Edith Zinn Sperzel**  
 B.S. '44, University of Minnesota  
 Major, Curriculum and Instruction  
 Plan B
- Lucile Spriggs**  
 B.S. '38, River Falls State Teachers Col-  
 lege  
 M.A. '42, University of Minnesota  
 Major, Social Work  
 Plan B
- Ellen Marie Stovring**  
 B.S. '39, University of Minnesota  
 Major, Curriculum and Instruction  
 Plan B

Donovan Jerome Thompson  
B.A. *cum laude* '41, St. Olaf College  
Major, Mathematics  
Plan B

Frank Hood Whitchurch  
B.S. '43, University of Minnesota  
Major, English  
Plan B

Robert Sylvester Torgerson  
B.S. '39, River Falls State Teachers College  
Major, Educational Administration  
Plan B

Edna Doris Williams  
B.A. '39, Iowa State Teachers College  
Major, Education  
Plan B

Marilyn Boettcher Wallin  
B.A. '43, University of Minnesota  
Major, Social Work  
Plan B

Ward Raymond Williams  
B.A. '33, McPherson College  
Major, Educational Administration  
Plan B

Stanley Joseph Wenberg  
B.S. '41, University of Minnesota  
Major, History of Education  
Plan B

## MASTER OF BUSINESS ADMINISTRATION

William Barkley Dunseth  
B.A. '42, Park College  
Major, Economics  
Plan B

## MASTER OF ARTS

### *In Public Administration*

Edgar John Davies, Jr.  
B.A. '46, University of Minnesota  
Major, Public Administration  
Plan B

Paul Ture Steen  
B.A. '33, Gustavus Adolphus College  
Major, Public Administration  
Thesis, *The Role of Minnesota's County Welfare Boards in Juvenile Delinquency*

Donald Charles Kull  
B.A. *magna cum laude* '42, Gustavus Adolphus College  
Major, Public Administration  
Thesis, *Budget Administration in the Tennessee Valley Authority*

Corinne Claire Yetter  
B.A. with distinction '44, Stanford University  
Major, Public Administration  
Plan B

Lawrence Emmett LaLonde  
B.A. '46, University of Minnesota  
Major, Public Administration  
Plan B

## MASTER OF SCIENCE

Floyd Burnette Arms  
B.A.B.A. '42, University of Minnesota  
Major, Agricultural Economics  
Minor, Economics  
Thesis, *Economic Aspects of Labor in City Milk Distribution*

Myrtle Irene Brown  
B.A. '39, Eureka College  
B.S. '42, University of Minnesota  
Major, Public Health  
Plan B



Owen Kenneth Hallberg  
B.S. with distinction '46, University of  
Minnesota  
Major, Agricultural Economics  
Plan B

Marian Eleanor Midforth  
B.S. '45, University of Manitoba  
Major, Home Economics  
Minor, Agricultural Biochemistry  
Thesis, The Strength of Four Cotton  
Fabrics after Repeated Wear and  
Laundering as Shown by Residual Re-  
sistance to Rupture by Tension and  
Pressure

Ezekiel Marion Owen Middleton  
B.S.A. '40, South Carolina State Agricul-  
tural and Mechanical College  
Major, Agricultural Economics  
Plan B

Obert Benjamin Moan  
B.S. '39, Purdue University  
Major, Mathematics  
Plan B

Russell Oscar Olson  
B.S. '46, University of Minnesota  
Major, Agricultural Economics  
Minor, Economics  
Thesis, A Study of the Suitability of Work  
Units per Worker as a Measure of  
Farm Labor Efficiency

Frances Elizabeth Parker  
B.S. '43, Florida State College for Women  
Major, Home Economics  
Minor, Agricultural Biochemistry  
Thesis, The Effect of Wear and Launder-  
ing on the Strength and Elongation of  
Certain Cotton Fabrics as Determined  
by the Grab Method

Joseph Reuben Sandve  
B.S. '45, University of Minnesota  
Major, Public Health  
Plan B

Calvin William Vriesen  
B.S. '39, University of Minnesota  
Major, Organic Chemistry  
Plan B

Joan Mary Woodhill  
B.S. '34, University of Sydney  
Major, Home Economics  
Plan B

## MASTER OF SCIENCE

### *In Agricultural Engineering*

Teh-Chu Tseng  
B.M.E. '42, National Central University  
(China)  
Major, Agricultural Engineering  
Plan B

## MASTER OF SCIENCE

### *In Aeronautical Engineering*

Joseph Richard Brom  
B.Aero.E. '44, University of Minnesota  
Major, Aeronautical Engineering  
Plan B

Elliott Dexter Katzen  
B.S. '43, University of Maryland  
Major, Aeronautical Engineering  
Plan B

Tung-Sheng Liu  
B.Aero.E. '39, National Tsing Hua Uni-  
versity (China)  
Major, Aeronautical Engineering  
Plan B

Alden John Moers  
B.Aero.E. with distinction '47, University  
of Minnesota  
Major, Aeronautical Engineering  
Plan B

Wayne Eugene Parriott  
B.Aero.E. '44, University of Minnesota  
Major, Aeronautical Engineering  
Plan B

Russell Elmer Wilshusen  
B.Aero.E. '43, University of Minnesota  
Major, Aeronautical Engineering  
Plan B

Robert Harry Wright  
B.Aero.E. '43, University of Minnesota  
Major, Aeronautical Engineering  
Plan B

## MASTER OF SCIENCE

### *In Chemical Engineering*

Maurice Williston Stacy  
B.Ch.E. '34, University of Minnesota  
Major, Chemical Engineering  
Minor, Mechanical Engineering  
Thesis, Correlation of Heat Transfer Co-  
efficients from Fine Wires

## MASTER OF SCIENCE

### *In Civil Engineering*

Henry Orvin Arneson  
B.C.E. '44, University of Minnesota  
Major, Civil Engineering  
Plan B

Sidney Cecil Sailor  
B.C.E. '43, University of Minnesota  
Major, Civil Engineering  
Plan B

Donald Lewis Hurd  
B.C.E. '44, University of Minnesota  
Major, Civil Engineering  
Plan B

Anastasios Anthony Topractsoglou  
B.C.E. '42, Robert College (Turkey)  
Major, Civil Engineering  
Minors, Mathematics and Mechanics and  
Soils  
Thesis, Eccentrically Loaded Joints

Willis Arthur Jacus  
B.C.E. '42, Iowa State College  
Major, Civil Engineering  
Plan B

Clarence Robert Volp  
B.C.E. with distinction '43, University of  
Minnesota  
Major, Civil Engineering  
Plan B

## MASTER OF SCIENCE

### *In Mechanical Engineering*

Harry John Fochringer  
B.M.E. '44, University of Minnesota  
Major, Mechanical Engineering  
Plan B

Warren Edward Ibele  
B.M.E. '44, Tulane University  
Major, Mechanical Engineering  
Plan B

Gilbert William Gaarder  
B.S. with distinction '46, University of  
Minnesota  
Major, Mechanical Engineering  
Plan B

Robert Marvin Lodin Lindquist  
B.M.E. '43, B.B.A. '43, University of  
Minnesota  
Major, Mechanical Engineering  
Plan B

Eldon Lawrence Moulding  
B.M.E. with distinction '46, University  
of Minnesota  
Major, Mechanical Engineering  
Plan B

David Lemuel Swanson  
B.M.E. '46, University of Minnesota  
Major, Mechanical Engineering  
Plan B

Robert Fox Tuve  
B.M.E. '43, Case School of Applied  
Science  
Major, Mechanical Engineering  
Plan B

## MASTER OF SCIENCE

### *In Obstetrics and Gynecology*

Edward Arthur Banner  
B.S. '39, M.D. '39, Loyola University  
Major, Obstetrics and Gynecology  
Minor, Surgical Pathology  
Thesis, Theca Cell Tumors of the Ovary

## MASTER OF SCIENCE

### *In Otolaryngology and Rhinology*

Robert Emmett Ryan  
B.S. '38, M.D. '43, St. Louis University  
Major, Otolaryngology and Rhinology  
Minor, Pathology  
Thesis, A Study of the Histologic Effect of  
Repeated Application of Certain "Nose  
Drops" to the Nasal Mucous Mem-  
branes of Rabbits

## MASTER OF SCIENCE

### *In Surgery*

John Thomas Small  
B.A. '40, M.D.C.M. '40, McGill Univer-  
sity  
Major, Surgery  
Minor, Surgical Pathology  
Thesis, Pleural Reactions Following Ex-  
perimental Pneumonectomy

## MEDICAL SCHOOL

### DOCTOR OF MEDICINE\*

Leon L. Adcock, B.S., M.B.	Frederick Louis Behling, B.S., M.B.
Madeline S. Adcock, B.S., M.B.	Sheldon Ellis Berenson, B.S., M.B.
Markham John Anderson, Jr., B.S., M.B.	William Harrison Card, B.A., B.S., M.B.

\* These degrees are conferred subject to the satisfactory completion of hospital internship within one month.

- Richard Owen Chambers, B.S., M.B.  
 Charles Callaghan Conley, B.A., B.S.,  
 M.B.  
 Rolf Dachlin, B.A., B.S., M.B.  
 Harold Raleigh Deal, B.S., M.B.  
 Gerald Fine, B.S., M.B.  
 Roberta Follansbee, B.A., M.S., M.B.  
 Lucie Christine Furman, B.S. with  
 distinction, M.B.  
 Donald Max Gumprecht, B.S., M.B.  
 Donald William Hannan, B.S., M.B.  
 Harold Wesley Hermann, B.A., B.S.,  
 M.B.  
 Maurice Nathaniel Johnson, B.S.,  
 M.B.  
 Jerome Leonard Keefe, B.S., M.B.  
 Charles Michael Kelly, Jr., B.S., M.B.  
 James Harold Kelly, B.S., M.B.  
 William Kosiak, B.S., M.B.  
 Loren John Larson, B.S., M.B.  
 Ronald Edward Lungstrom, B.S.,  
 M.B.  
 Roger Allan MacDonald, B.S., M.S.  
 William Richard McCluskey, B.S.,  
 M.B.  
 Malcolm Donald McGary, B.S.,  
 M.B.  
 Eva Elaine McKenzie, B.A., B.S.,  
 M.B.  
 John Ralph McQuillan, B.S., M.B.
- Charles Claire Merchant, B.S., M.B.  
 Robert Paul Meyer, B.S., M.B.  
 Eugene Villaume Meyerding, B.S.,  
 M.B.  
 Charles Anton Nordin, B.A.  
 William Frederick Nuessle, B.S.,  
 M.B.  
 Melvin Mitchell Reeves, B.S., M.B.  
 Raymond Gerhard Rowberg, B.A.,  
 B.S., M.B.  
 Martin Moses Shaperman, B.S., M.B.  
 Harry Shragg, B.A., B.S., M.B.  
 Thomas Joseph Sisterman, B.S., M.B.  
 Farrell Soron Stigler, B.S., M.B.  
 John James Sullivan, Jr., B.S., M.B.  
 Robert Emmett Sullivan, B.S., M.B.  
 Donald Sutherland, B.A., B.S., M.B.  
 Lawrence John Swanson, B.S., M.B.  
 Maxine Yvonne Taylor, B.S., M.B.  
 James Peter Tetlie, B.S., M.B.  
 Frank Andrew Ubel, Jr., B.S., M.B.  
 Jack Vance Wallinga, A.L.A., B.S.,  
 M.B.  
 John Robert Watson, B.S., M.B.  
 William Henry Angus Watson, B.S.,  
 M.B.  
 Deno John Wedes, B.S., M.B.  
 John James Wild, B.S., M.B.  
 Edward Zupanc, B.S., M.B.

## GRADUATE SCHOOL

### DOCTOR OF PHILOSOPHY

- Jacob E. Bearman  
 B.A. *magna cum laude* '36, M.A. '38,  
 University of Minnesota  
 Major, Mathematics  
 Minor, Biostatistics  
 Thesis, Rotations in the Product of Two  
 Wiener Spaces  
 Major Adviser, Prof. R. H. Cameron
- Mary Ray Burns  
 B.A. '16, University of Minnesota  
 Major, Economics  
 Minor, Economic History  
 Thesis, A Comparative Study of Four  
 Railroad Reorganizations: Chicago Great  
 Western Railroad Company; Chicago  
 and North Western Railway Company;  
 Chicago, Milwaukee, St. Paul and Pa-  
 cific Railroad Company; Minneapolis,  
 St. Paul and Sault Sainte Marie Rail-  
 way Company  
 Major Adviser, Prof. J. W. Stehman
- Albert William Feldman  
 B.A. '42, University of Illinois  
 M.S. '44, North Carolina State College of  
 Agriculture and Engineering  
 Major, Plant Pathology  
 Minor, Biochemistry  
 Thesis, Studies on the Physiological As-  
 pects of *Ustilago zeae* (Beckm.) Ung.  
 Major Adviser, Prof. E. C. Stakman
- George Erwin Hollister  
 B.S. '30, South Dakota Eastern State  
 Normal School  
 M.A. '32, George Peabody College  
 Major, Education  
 Minor, Educational Psychology  
 Thesis, The Adjustment Problems of Be-  
 ginning Students in Minnesota Teachers  
 Colleges with Implications for Teacher  
 Education  
 Major Advisers, Profs. G. L. Anderson and  
 W. E. Peik

### William Horwitz

B.S. '37, University of Chicago  
M.S. '38, University of Minnesota  
Major, Physical Chemistry  
Minor, Agricultural Biochemistry  
Thesis, Polarization Studies in the Raman Effect  
Major Adviser, Prof. B. L. Crawford

### Scott Searles, Jr.

B.A. '41, M.A. '42, University of California  
Major, Organic Chemistry  
Minor, Physical Chemistry  
Thesis, A Study of the Mechanism of the Grignard Cleavage of Hindered Allylic Esters and the Rearrangement of Allylic Esters of Diphenylacetic Acid  
Major Adviser, Prof. R. T. Arnold

### Frederick Walter Short

B.A. '43, McMaster University (Canada)  
M.S. '44, University of Minnesota  
Major, Agricultural Economics  
Minor, Economics  
Thesis, Fruit Marketing with Special Reference to the Niagara Peninsula of Ontario  
Major Adviser, Prof. O. B. Jesnes

### Leonard William Swanson

B.S. *summa cum laude* '35, Kenyon College  
M.A. '40, University of Minnesota  
Major, Mathematics  
Minor, Physics  
Thesis, Solutions of Certain Differential Equations Associated with the Theory of Orthogonal Polynomials  
Major Adviser, Prof. R. H. Cameron

### Willa Vaughn Tinsley

B.S. '28, Texas State College for Women  
M.S. '36, Colorado State College  
Major, Home Economics Education  
Minor, Home Economics  
Thesis, Development of Instruments for Evaluating Food Practices, Nutrition Information, and School Lunch Programs and Their Use in Nutrition Education at the Elementary Level  
Major Adviser, Prof. C. B. Army

### Moti Verhomal Vachhani

B.Ag. '32, University of Bombay (India)  
Imperial Agricultural Research Associate  
'42, Imperial Agricultural Research Institute (India)  
Major, Plant Genetics  
Minor, Plant Pathology  
Thesis, A Study of Certain Variations in Chromosome Morphology of Corn Inbreds in Relation to Agronomic and Morphologic Characters  
Major Adviser, Prof. C. R. Burnham

### Marcella Jane Vig

B.A. *summa cum laude* '42, University of Minnesota  
M.A. '44, Radcliffe College  
Major, Psychology  
Minor, Neuropsychiatry  
Thesis, A Clinical Investigation into the Psychological Aspects of Multiple Sclerosis  
Major Adviser, Prof. S. R. Hathaway

# UNIVERSITY OF MINNESOTA

Fall Quarter

*Commencement Exercises*

1947



NORTHROP MEMORIAL AUDITORIUM  
THURSDAY EVENING, DECEMBER EIGHTEENTH  
AT EIGHT O'CLOCK

# PROGRAM

PRESIDENT JAMES LEWIS MORRILL, Presiding

## ORGAN MUSIC—(Seven-thirty o'clock)

- Prelude and Fugue in A Minor - - - - - Bach  
Christmas in Sicily - - - - - Yon  
Pastorale—from “Le Prologue de Jesus” - - - Traditional  
Bells of St. Anne de Beaupré - - - - - Russell

## PROCESSIONAL—Psalm XIX - - - - - Marcello

ARTHUR B. JENNINGS  
Associate Professor of Music, University Organist

## PRESENTATION OF COLORS

### NATIONAL ANTHEM—“The Star-Spangled Banner”

Oh, say, can you see, by the dawn's early light,  
What so proudly we hail at the twilight's last gleaming,  
Whose broad stripes and bright stars, thro' the perilous fight,  
O'er the ramparts we watched, were so gallantly streaming?  
And the rockets' red glare, the bombs bursting in air,  
Gave proof thro' the night that our flag was still there.  
Oh, say, does that star-spangled banner yet wave  
O'er the land of the free and the home of the brave?

## INVOCATION

THE REVEREND GEORGE P. CONGER, B.D., Ph.D.  
Professor of Philosophy, University of Minnesota

## COMMENCEMENT ADDRESS—

“Education and the Mid-Century Man”

GEORGE D. STODDARD, Ph.D., LL.D., Litt.D., L.H.D.  
President, University of Illinois

# CONFERRING OF DEGREES

JAMES LEWIS MORRILL, LL.D.  
President of the University

## SONG—"Hail Minnesota!"

Minnesota, hail to thee!  
Hail to thee, our College dear!  
Thy light shall ever be  
A beacon bright and clear;  
Thy sons and daughters true  
Will proclaim thee near and far;  
They will guard thy fame  
And adore thy name;  
Thou shalt be their Northern Star.

Like the stream that bends to sea,  
Like the pine that seeks the blue!  
Minnesota, still for thee,  
Thy sons are strong and true.  
From thy woods and waters fair,  
From thy prairies waving far,  
At thy call they throng,  
With their shout and song,  
Hailing thee their Northern Star.

RECESSIONAL—Toccata Tu es petra - - - - Mulet

ARTHUR B. JENNINGS

(The audience will remain until those in academic costume  
have left the hall)

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### SMOKING

As a courtesy to those attending functions, and out of respect for the character of the building, be it resolved by the Board of Regents that there be printed in the programs of all functions held in the Cyrus Northrop Memorial Auditorium a request that smoking be confined to the outer lobby on the main floor, to the gallery lobbies, and to the lounge rooms.



## CANDIDATES FOR GRADUATION

Subject to the completion of all curriculum requirements at the close of the fall quarter, degrees will be conferred as indicated on those listed below and upon such others as may meet the graduation requirements.

### GENERAL EXTENSION DIVISION

#### BUSINESS CERTIFICATE

Paul Kinneberg

Leverne E. Larson

### GENERAL COLLEGE

#### ASSOCIATE IN ARTS

George Walter Abbott, Jr.  
Kenneth Charles Abendroth  
Norman N. Abrams  
Charles August Amodeo  
William John Armstrong  
Robert Andrew Barquist  
Roy Clifford Benson, Jr.  
Leon Hendy Bongard  
John Anthony Bowers  
John Duane Brunsberg  
Richard William Bylund  
Jack Malcolm Calder  
John William Carl  
Warren Merrill Carlson  
Lyle Dean Carpenter  
Thomas Edward Comer, Jr.  
James Marrinan Cremin  
Allen Silver Cuthbert  
Kenneth Mathew Dale  
Clarence Albert Davis, Jr.  
Philip Paul Economon  
Peter John Ehlers  
Jean Edythe Ellis  
Wilfred Merle Engler  
William James Frautschi  
Robert Leonard Gates  
Gordon Whittier Gilbert  
Mirko Louis Grbich  
Harold Webster Gustafson  
Bernard William Hayes  
Oscar Stuart Hovelsrud  
Rudolph Aaron Hovick  
Edward Emil Thomas Hudak  
Donald Joseph Hutchinson  
Dorothy Margaret Jackley

Allen Orville Johnson  
Harold Edwin Johnson  
Lewis Harvey Johnson  
Priscilla Ann Johnson  
Warren Richard Johnson  
George Frank Josse  
Robert McDougall Kemp  
William Kennedy  
Frank Kmetz  
Donald Alexander Knobloch  
Charles Kopelke, Jr.  
Albert Anthony Kordiak  
Henry John Koston  
Guy Rosco Laib, Jr.  
Jerome Milton Levenson  
Robert Sydney Linnerooth  
Donald LeRoy Lundeen  
John A. Marshall  
Shirley Jayne Martin  
George Matsuzaki  
Clifford Lorraine Matteson, Jr.  
Donald Muir McCulloch  
Mary Kathryn McGuire  
Donald Raymond Melzark  
Corinne Antoinette Miller  
Gilbert Gabriele Moreno  
Robert Gene Morley  
Norris Martin Nelson  
James Walter Niemackl  
Thomas H. Ohlenkamp  
Carl Richard Olson  
John Lloyd Olson  
Ben Paris  
James D. Peebles  
Gerald L. Peterson

Rodger Edward Peterson  
 Charles David Peugh  
 Thomas Grant Raitt, Jr.  
 Carl Gordon Ramm  
 Douglas Herbert Ramsey  
 Grant Dexter Rhodes  
 Virginia Helen Rice  
 Mary Louise Robertson  
 Joyce Arlene Robideau  
 Emanuel Roseby  
 Dale Donald Rubel  
 Charles William Russell, Jr.  
 George Whitney Rybolt  
 Harold Lester Sabre  
 John Newberry Samuelson  
 Orville Milton Schmidt  
 Keith Schottler  
 Richard F. Schramek  
 Dolores Mae Seaborn  
 Robert Edward Seiberlich  
 Bernard G. Selinske  
 James Arthur Sheridan  
 Dorothy Ann Sianko

Pearl Estelle Silver  
 Vernon Silverman  
 Leo Morris Smiler  
 Richard Addison Smith  
 Shirley Beth Smith  
 Warren George Smith  
 Marillyn Joanne Spafford  
 Donald Albert Stevenson  
 Ralph Arthur Stock  
 Arnold Roland Storm  
 Leonard Carl Swanson  
 Robert Gunnard Swanson  
 Howard Melvin Toles  
 Richard Harrison Trotter, Jr.  
 Kermit George Turley  
 Kenneth Lawrence Ukkonen  
 Thomas Kernel Wanous  
 Richard Ralph Wariakois  
 Eugene Burton Wesley  
 Ralph Eugene Wheeler  
 William Lowell Wigdahl  
 Jack Marvin Wondra

## MEDICAL SCHOOL

### GRADUATE IN NURSING

These degrees are conferred as of December 18, 1947, subject to satisfactory completion of nursing practice prior to March 18, 1948.

Aiko Abe, B.A.  
 Beatrice Anna Altendorfer  
 Eleanor Louise Anderson  
 Rose Sano Bannai  
 Phyllis Laurie Berdt  
 Clara Marie Capps  
 Mary Elizabeth Collier  
 Helen Evohn Cumming  
 Dorothy Mary Dickey  
 Cecile Louise Eckhoff  
 Lois Mary Eiden  
 Florence Christine Erickson  
 Ruth Ethel Ericson  
 Mary Barbara Folsom  
 Florence Adelaide Gask  
 Ethel Marie Gibson  
 Barbara Patricia Grace  
 Olive Ethelyn Hanson  
 Aune Alice Hautamaki  
 Adeline Heikes  
 Joan Louise Huber  
 Evelyn Josephine Iekel

Grace Keiko Ito  
 Charlotte Brokaw Jack  
 Mary Lucille Jameson  
 Verna Irene Johnson  
 Georgia Helen Kalal  
 Jean Williams King  
 Gloria Mescher Kipp  
 Elizabeth Anne Kripps  
 Marillyn Reva Kurth  
 Phyllis June Larson  
 Phyllis Elaine Lillegren  
 Marjorie Corinne Linberg  
 Carol Marie Lindberg  
 Norma G. Lundmark  
 Mary Mahoney  
 Patricia M. Malerich  
 Barbara Jean Martinson  
 Patricia Marie McLean  
 Catherine Mary McVean  
 Lois Jean Miller  
 Shirley Annette Moore  
 Dorothy Ann Nackerud

Delphine Mary Norman  
Agnes Lorraine Olson  
Bonnie Rae Page  
Lorna Paul  
Genevieve Alice Quist  
Phyllis Anne Rasmussen  
Patricia Jane Ruby  
Helen Marie Schwanz  
Erma Gean Schwartz  
Elvira Berta Spraitz  
Wynona June Stahr

Verna Radtke Strelow  
Elaine Dorothy Swanson  
Louise M. Takeda  
Carol Sylvia Townsend  
Alene Yvonne Waxberg  
Eileen Helen Wensman  
Patricia Mae West  
Alicia Ruth Wick  
Patricia Anne Wood  
Barbara Ann Wronski  
Jeralda O. Zitterich

These degrees are conferred as of June 12, 1948, subject to the satisfactory completion of six months' service as senior cadet nurses in a federal hospital prior to December 16, 1948.

Mary Louise Gilday

Juanita Ruth Niemann

## COLLEGE OF SCIENCE, LITERATURE, AND THE ARTS

### ASSOCIATE IN LIBERAL ARTS

Richard Donald Becker  
John Michael Cruit  
Lawrence Edward Dorner  
Janice Terry Figur  
Beatrice Getsug  
Leonard A. Johnson  
Frank Edward Lawler  
Rae Peter Madson

Carsten John Mead  
Lauretta Anna Mitchell  
George Calvin Noble  
Mary Jean Samels  
Jean Peter Schrankler  
Archie Henry Schrom  
Leo Stock  
Esther Ruth Wasserman

### BACHELOR OF ARTS

†*magna cum laude*

Dorothy Lorio Baronofsky  
Alice May Lynde Berthelsen  
Wallace John Bonk  
Stanley Richard Cohn  
William Jules Filante  
Robert Irwin Hudson

Warren Edward Johnson  
Robert Alexander Macdonald  
Oliver Sinclair Osterberg  
Joyce Harriet Rose  
Dorothy Ann Schoen  
Muriel Louise Townsend

### BACHELOR OF ARTS

†*cum laude*

Theodore Wesley Black, Jr.  
Melvin John Cole  
Gerald Eugene Crawford  
Sheila Devaney  
Lois Frederickson

Dorothy Bethel Harford  
Daryl Morris Levey  
Malcolm Shaw MacLean, Jr.  
Ruth Anne Raab, A.A.

† Candidates graduating with honors are identified by differentiated shoulder insignia.

## BACHELOR OF ARTS

Oreste George Alessio, Jr.  
Helen Elizabeth Baker  
Betty Barnes  
Grace Ora Beckman  
Fritz Behm  
Kermit Ralph Bergland  
George Edward Bergmann, B.S.  
Donald Steckley Bjorkman  
Carol Bonbright  
William James Brimi  
Robert W. Burns  
Marian Beebe Bussman  
George Butorac, A.S.  
Virginia Margaret Caldwell  
Colleen Marie Casey  
Marion B. Clausen  
William Henry Cleary  
Wade Howell Cole  
Philip M. DeVany  
Norman Diamond  
Loranda Katherine Dinham, A.A.  
Edward George Dolny\*  
John Wells Elholm  
Duane Albert Emme  
Clyde Adolph Enroth  
Grace Stork Erickson  
Howard Evans  
Morris David Evans  
William Francis Ferguson  
Karl Batleau John Foote  
Richard Clark Foss  
Susan Jane Getchell  
Jonathan Delbert Gilpin II  
Wallace C. Hanson  
Berton Earl Harrison  
Lyle Bernard Francis Hayter  
Robert Maina Herhold  
Jeannette Pauline Hirschy  
Gordon Albert Holt, B.S.  
Shirlie Jean Houglum  
Robert Morse Howe, B.S.  
Charles Sullivan Hurley  
Gerry Gibson Ingalls  
Elizabeth Marie Johnson  
John Wilbur Johnson  
Patricia Jule Johnson  
William Randolph Johnson  
Warren John Kelvie  
Elizabeth Anne Kennedy  
Pauline McHugh Kirkpatrick

Virginia Fae Kjenstad  
Harold Blair Knutson  
Joseph Anthony Kozlak, Jr.  
Dorothea Reid Larson  
Beverly Jensen Lee  
Donald Dale Loucks  
Sallie Jean Maginnis  
John Anthony Maher, Jr.  
James Kevin Manahan  
Grace Mariette  
Helen Jeanne McCartney, A.A.  
Vernon Mikkelson  
Albert Milgrom  
Helen May Mitchell  
Kenneth Lue Allen Mitchell  
Richard Preston Mixa  
Mark Dunnell Moore, Jr.  
Ingemarie Morgan  
Raymond Walter Murtberg  
Don Sinclair Murtha  
Anne Cassat Nash  
Barbara Virginia Neander  
Lois Nakako Noda  
Harry Wallace Nordstrom  
Robert Gustave Oien  
Marguerite Rita Olsen  
Eugenia Orlich  
Juanita Clara Pacifico  
Jack Marvin Pink  
Richard Harding Plunkett  
Prudence E. Purdy  
Kenneth Willson Ramsey  
Benedict Carmen Renteria  
Jean Kirkwood Rice  
Mary Margaret Rice  
Dorothy Kohrs Roberts  
Mary Elizabeth Ryan  
Alfred William Schlesinger  
Roy William Shaughnessy  
William Thornton Shroyer  
Donald Zane Silver  
Cyril G. Smith  
Wallace Jerome Smith  
Herbert Selden Spencer  
Chester William Spriggs, B.S.  
Eleanor Margaret Stuverude, A.A.  
Eunice Janette Sundeen  
Lucia Reynolds Tearse  
Kiku Tomita  
Richard Walter Von Korff

\* Degree granted post obitum.

Elizabeth Weir  
Philip Henry Whitbeck  
Jo Ann Wilson  
Beverly Jean Woodrow

Muriel Ann Wyatt  
Barbara Jane Wylie  
Carolyn Wyman

### INSTITUTE OF TECHNOLOGY

#### BACHELOR OF ELECTRICAL ENGINEERING

†with high distinction

Henry George Follingstad

#### BACHELOR OF MECHANICAL ENGINEERING

†with high distinction

George Albert Thompson, Jr., B.S. in Naval Technology

#### BACHELOR OF CHEMISTRY

†with high distinction

William Curl Hammann

#### BACHELOR OF AERONAUTICAL ENGINEERING

†with distinction

Robert Willis Smith

Louis Robert Wagner

#### BACHELOR OF MECHANICAL ENGINEERING

†with distinction

Lorentz Clark Hanson

Donald Lloyd Vandergon

#### BACHELOR OF MINING ENGINEERING

†with distinction

Donald Thomas Delicate

#### BACHELOR OF AERONAUTICAL ENGINEERING

Gordon Helmer Anderson  
Raymond Lorry Balthazor  
Eugene Edward Victor Colaiezzi  
Gilbert Herman Dammann  
Eugene Clarence Gallick  
David Bruce Gibson  
Stanley John Guzik  
Robert Gordon Hueckel  
Gorden Asthon Johansen  
Verlyn G. Marth  
Andrew Michael McNicoll

John Philip Morris  
Robert Emmet Morris  
Richard Wolbert Nelson  
Vernon Forrest Nelson  
Jack Carter Petersen  
Harley Marvin Rivin  
Louis Santo Sella, Jr.  
William Ellsworth Taylor  
John David Werlich  
Calvin Webster Wick  
Edward R. Zaspel

† Candidates graduating with honors are identified by differentiated shoulder insignia.

## BACHELOR OF ARCHITECTURE

Robert George Reichert

## BACHELOR OF CIVIL ENGINEERING

Thomas Clayton Beebe  
Robert John Brueske  
Leon Peter Cossette  
Vernon Kenneth Huso

Buddy Deane Matthews  
Norris Lindberg Ogard, B.M.E.  
John James Sleavin  
Clayton Alfred Sorenson, A.A.

## BACHELOR OF ELECTRICAL ENGINEERING

Robert Charles Akre  
John Carl Albrecht  
Arthur J. Bailey, Jr.  
William Patrick Corcoran  
William Edward Daly  
Edward Peter Deeb  
Paul Richard Finger  
Arthur Stanley Haig  
Warren Gale Holter, B.M.E.

Wayne Foster Kelly, Jr.  
Emil Leonard Martin, Jr.  
Edward Irving Nudelman  
Robert Lee Olson  
James Francis Schouweiler  
Lester William Van Orden, Jr.  
Leonard Weiss, B.S. in Naval Technology

## BACHELOR OF MECHANICAL ENGINEERING

William Houghtaling Ballou  
John Edward Betzold  
Benson Carlton Brainard  
Thomas Lawrence Dougherty, B.S. in  
Naval Technology  
Edwin Stevens Dygert  
Theodore Chris Gianos  
Walter Pierre Hartje  
Robert Lamont Hawes  
Francis Gustaf Hazelroth  
Kenneth Earl Iverson  
Waldron Richmond Jerome  
Torvald Godfrey Johnson  
Walter Archimedes Kiriluk  
Robert Bye Klein  
David Pierce Laird  
Philip Francis Litchfield

Morris Edward Marwede  
Albert John Mayer  
Joseph Herman Mindrum  
Ralph Griffith Nevins, Jr., B.S. in  
Naval Technology  
Berl Winfield Owens, B.Aero.E.  
James Alexander Plaunt  
Percy Eugene Pray  
Rufus Roger Rosell  
Warren Eugene Schickling  
Ivan Axel Seablom  
Edward Miller Self, B.S. in Naval  
Technology  
Warren Elmer Soderberg  
Robert Gordon Wick, B.Aero.E.  
Malcolm Hall Wilkin, B.S. in Naval  
Technology

## BACHELOR OF CHEMICAL ENGINEERING

Raymond Reginald Brooks  
Audun Rudolf Fredriksen

Frank Edward Mixa, Jr.  
Laurent MacDuff Olson

## BACHELOR OF CHEMISTRY

Douglas Joseph Bridgeford

Victor Robert Noreen

BACHELOR OF MINING ENGINEERING

Morris Woodburn Bowman

COLLEGE OF AGRICULTURE, FORESTRY, AND  
HOME ECONOMICS

BACHELOR OF SCIENCE

†with high distinction

(Course in Home Economics)

Laila Lois Held

BACHELOR OF SCIENCE

†with distinction

(Course in Home Economics)

Mardelle Brandon Lundquist

Bernice Sylvia Olson

BACHELOR OF SCIENCE

(Course in Agriculture)

Ingvald Arthur Berg

Richard Armin Bosshard

Delbert Stanley Cook

Urban H. Ebel

Robert Lewis Hodgson

Harold Raymond Lang

Donald Glenn Larson

Laurence Roelif Laughlin

Paul Hiram Lostetter

Harold Warner Onstad

Joseph Eugene Pazandak, A.A.

Robert D. Rossi

Donald Warren Steinkraus

Robert Paul Thiesen

David Edward Walker

(Course in Fish and Wildlife Management)

Robert Lee Butler, B.A.

John Frank Clay

Leonard Arthur Maki

(Course in Forestry)

Leslie Emslie Hendry

William Martin Kalton

George Roger Nelson

(Course in Home Economics)

Yvonne Jacqueline Carchedi

Regina Drolet

Evelyn Jorgenson Hagen

Sheila Glen Heron

Mary Jukich

Elaine Beverly Larson

Phyllis Iliene Odegard

Carol Ann Page

Mary Ann Ryan

Geraldine Helen Rylander

Audrey Gertrude Stoughton

Geraldine Evelyn Rosalie West

† Candidates graduating with honors are identified by differentiated shoulder insignia.

MASTER OF FORESTRY

Robert Fred Nelson, B.S.

COLLEGE OF AGRICULTURE, FORESTRY, AND HOME  
ECONOMICS AND COLLEGE OF EDUCATION

BACHELOR OF SCIENCE

†with distinction

(Course in Agricultural Education)

Henrik Joakim Aune

BACHELOR OF SCIENCE

(Course in Agricultural Education)

Douglas James Bade  
Kenneth Orrin Ingvalson

Philip Ralph Teske

(Course in Home Economics Education)

Alma Kathrine Bollesen  
Kathleen L. Henline

Shirley Lea Sagness

COLLEGE OF AGRICULTURE, FORESTRY, AND HOME  
ECONOMICS AND SCHOOL OF BUSINESS ADMINISTRATION

BACHELOR OF AGRICULTURAL BUSINESS ADMINISTRATION

(Course in Agricultural Business Administration)

Royce Ramsland

LAW SCHOOL

BACHELOR OF SCIENCE

In Law

Arthur Blooston  
Herbert Chandler Davis  
Robert Edward Debel  
Sidney Feldman\*  
Robert Hinman Ford  
Stephen Dodd Hise  
Eugene DeLosse Jensen  
Fred Graham Laird  
Patrick James McNulty

John Samuel Nyquist, Jr.  
Daniel William O'Brien  
Gerard John Ochs  
Durward LeJeune Pederson  
George Robert Perkovich, Jr.  
Charles Rubenstein  
Leonard Monroe Strickler  
Donald Trucker

\* Degree conferred as of June 14, 1937.

† Candidates graduating with honors are identified by differentiated shoulder insignia.



## BACHELOR OF LAWS

Benjamin John Blacik, B.S.L.	James Henry Dedrich Michael, B.S.L.
Ordner Thorwald Bundlie, Jr., B.S.L.	Leland Albert Olson, B.S.L.
Lowell Howard Carlson, Jr., B.A.	Robert Joseph Polski, B.S.L., M.B.A.
Louis Angel Cohen, B.S.L.	Gloria Jean Remington, B.S.L.
Fremont Fletcher, B.S.	Jerome Henry Segall, B.S.L.
Laura Haverstock, B.S.L.	William Wilson Washburn, B.A.
Joseph Francis Herrick, B.S.L.	Benjamin Scheffield West, B.A.
Roy William Holmquist, Ph.B.	Charles Bell Wilhelm, B.S.L.
Vacil Demetrius Kalinoff, B.A.	

## MEDICAL SCHOOL

### BACHELOR OF SCIENCE

†with high distinction

(Course in Public Health Nursing)

Mercedes Marie Fischer	Henrietta Herman Pfeffer, R.N.
------------------------	--------------------------------

### BACHELOR OF SCIENCE

†with distinction

(Course in Medical Technology)\*

Mildred Emilie Olson	Jean Julia Ryan
----------------------	-----------------

(Course in Public Health Nursing)

Beth Corinne Benson, G.N.	Catherine Mary McVean
Margaret Agnes Fournelle	Amanda Schuchmann
Marillyn Reva Kurth	

### BACHELOR OF SCIENCE

(Course in Medical Technology)\*

Audrey Lyndell Anderson, A.A.	Norma Bowers Robinson
Bernadette Arnetta Eveslage	Lorna May Roper
Rhoda Beatrice Harvey	Phyllis Jane Roy
Julie Mary Glavon	Margaret Helen Ryan
Alyce Lorraine Hollem	Zelda Marcia Smidt
Joan Clair Lowe	Zona Faye Swanson
Ruth Genevieve Minor	

(Course in Medicine)

David Gold, B.A. magna cum laude	Vernon Emil Neils
John Keith Meinert, B.A.	Julius Stone, B.A.

\* These degrees are conferred subject to satisfactory completion of required practical work prior to March 18, 1948.

† Candidates graduating with honors are identified by differentiated shoulder insignia.

(Course in Public Health Nursing)

Inna Aurelia Block  
Alice Patricia Brady  
Agnes Teresa Burns  
Mary Geiger Davoli  
Cecile Louise Eckhoff  
Gladys Lena Ericksen  
Amy Eunice Erickson, R.N.  
LaRue Fink  
Iva Fuller Furrell  
Barbara Patricia Grace  
Catherine Marie Hagggar, R.N.  
Etta Bok Ke Hou  
Charlotte Brokaw Jack  
Ina Jorgine Jensen

Verna Irene Johnson  
Carol Marie Lindberg  
Olga Eleanora Lund, R.N.  
Gertrude Lillian Mosdal, R.N.  
Delphine Mary Norman  
Muriel K. Olson  
Helen Gene Rockwood, R.N.  
Lois Marie Schons, R.N.  
Margaret Lucille Sherman  
Ruth Sophia Stensaas, R.N.  
Aleda Joy Swanson, G.N.  
Dorothy Marie Westin  
Eunice Charlotte Wickstrom

MASTER OF PUBLIC HEALTH

Lila May Atkisson, B.A.  
Andrew Joseph Starin, B.Pet.E.

Ruth von Bergen, B.S.

SCHOOL OF DENTISTRY

GRADUATE DENTAL HYGIENIST

Frances Elaine Martinson

DOCTOR OF DENTAL SURGERY

William Bernard Bessire  
Gerald George Johnson

Chebo Toshitaka Sakaguchi  
Joseph C. Tam

COLLEGE OF PHARMACY

BACHELOR OF SCIENCE

*In Pharmacy*

Robert John Faust  
D'Vera Greenberg

Gloria Marion Norrdin

COLLEGE OF EDUCATION

BACHELOR OF SCIENCE

*†with high distinction*

Arthur Harold Ballet

† Candidates graduating with honors are identified by differentiated shoulder insignia.

## BACHELOR OF SCIENCE

†with distinction

James Mathew Becker  
Opal Hallene Bradley\*  
Mary Lorraine Burtness\*  
Vincent Carlyle Carlson  
Robert Chester Hall  
John Richard Lowell  
Mildred Aurelia McMahan

Nelson Obert Rutenbeck  
Russell Maroni Sawdey  
Lorraine Anderson Smith\*  
Alan David Sweet  
Howard Clifford Wagenhals  
Patricia Anne Wood\*

## BACHELOR OF SCIENCE

Helen Corinne Archer  
Ruth Deloris Buckley, R.N.\*  
Stanley Clinton Campbell  
Ardyce Nelson Carlson, R.N.\*  
Edna Louise Enz  
Kenneth Arnold Exel  
Edroy Clarence Flom  
Wallace Sheeran Ford  
Frances Gertrude Hampston\*  
Richard Howard Hayden  
Mary Frances Isely, B.S.\*  
Ruth Ethel Jewell  
Frank William Johnson  
Nadine Virginia Johnson  
Loretta Joyce Kelly\*  
Jeannette Davies Kissinger  
Shirley Johnson Larson  
Marjorie Corinne Linberg\*  
Stafford Earlington Lott  
Patricia Marguerite Malevich\*

Julia Erikson Michelsen  
Wallace Andrew Patterson  
Lorna Paul\*  
Martha Eleanora Raisanen, G.N.\*  
Pearl Thelma Rollings, G.N.\*  
Esther Adell Romness  
Katherine Elizabeth Sauser  
Thomas Alan Soldahl  
Sybil May Swedberg  
Effie S. Swenson\*  
Thomas Clayton Truax  
Edward Joseph Trumper  
Terrell Milford Warren  
Estella Helena Weidman  
Mary Patricia Welsh  
Mary Ann Whalberg  
Marjorie Bell Wilhelm  
Willis John Lutz, B.Aero.E. with dis-  
tinction

## BACHELOR OF SCIENCE

*In Library Science*

Naomi Elaine Hokanson, B.A.

## MASTER OF EDUCATION

Donald Wesley Anderson, B.S.

## SCHOOL OF BUSINESS ADMINISTRATION

### BACHELOR OF BUSINESS ADMINISTRATION

†with distinction

John Samuel Allen, Jr., A.A.  
Willard Holmes Anderson  
Robert Sterling Ervin  
Robert Henry Gastler  
Charles Prentiss Heeter

Rholan Eugene Larson  
Allen LeRoy Newman  
William Kendall Smith  
Roland David Sullivan

\* Nursing Education Curriculum.

† Candidates graduating with honors are identified by differentiated shoulder insignia.

## BACHELOR OF BUSINESS ADMINISTRATION

Joanne Abbott  
Donald Marvin Anderson  
Hugh Gillette Anderson  
John William Angel  
Paul Arase  
Henry Joseph Basil, B.E.E.  
Robert Charles Becker  
Frank William Begert  
Daniel Paul Benda  
Rae Murchison Bennett  
Robert Maurice Bigwood  
August Hanna Blegen  
Ronald Sherman Brewer  
Gerald Wm. Brower  
Roger Wayne Buckholz  
Dean Bernard Carlson  
Lennart John Carlsten  
Keith Alden Carstens  
Zita Jessie Cassidy  
Robert Galen Christensen  
John Robert Clifford  
Arthur Theodore Cone  
Frederick Daniel Conrad IV  
Frank Edward Davis  
Arthur Oswald Dietrich  
Albert Karnick Dikian  
Gerald Roland Dirks  
Del Richard Duren  
James Fred Durrenberger  
Miles Ephraim Efron  
Oliver Raymond Erickson  
Donald Joseph Erkenbrack  
Harris William Erlanson, Jr.  
Forrest Lowell Foltz  
William John Forseth  
Nels Gunner Forsman  
Gordon Baldwin Fosse  
LeRoy W. Frankenstein  
Robert Irving Galleberg  
Raymond Bernard Garcia  
John Charles Garry  
Edward Ray Glotfelty  
Bernard Francis Gratton  
Benjamin Samuel Greenberg  
Einar Gordon Grette  
Gordon Alvin Grip  
Norman Daniel Grumstrup  
Chester Bernard Grygar  
Paul William Haas  
Carl Herman Halverson

Lyle Thelvin Hanse  
Clerc Morgan Harmon, Jr.  
Edwin Joseph Hartwick  
Gerald LeRoy Haymaker  
Curtis Beck Heywood  
Harry Melvin Hill  
Aldrich O. Iverson  
Jene Harley Jacoby  
Elmer Herbert Jaster  
Harry V. Johnsen, Jr., B.E.E.  
Earl Sylvester Johnson  
Lee Norman Johnson  
Philip A. Johnson  
Virgil LeRoy Johnson  
Wilton Wendell Johnson  
Bernard James Kemple  
Robert Henry Kent  
Alan Richard Kircher  
Louis John Korda  
Herbert Allen Krause  
Frederic James Leppla Krueger  
Lloyd Walter Krumrey  
Dorothy Helen Kulhanek  
Richard Vincent Kunkel  
Robert Frank Larson, B.C.E.  
Wendell Carl Larson  
Robert Donald Lee  
Robert Hartman Lees  
Richard Mathew Lehtonen  
Jack Leibman  
Earl James Lockhart  
Alfred Eaton Lounsbury  
Lorne Dale MacIver  
William Henry Madden  
Ingolf Le Roy Madson  
Manual Manos  
Joseph Thomas Marchel  
Dale Calvin Mattison  
Elmo Fleener Mattox, Jr.  
Hugh Gamble McVay  
Ralph Earnest Melbo  
Robert Elliot Metcalf, B.M.E.  
William Hoover Mills  
Hugh Warrington Morris  
James Edward Mountain  
Herman Edward Nelson  
Margery May Nelson  
William Dean Nelson  
Frاندell Morris Netteberg  
Jack Louis Nienaber

Albert Eric Olson, Jr.  
Robert Milton Olson  
Rodney Wayne Olson  
James Michael O'Reilly  
Margaret Louise Osborne  
William H. O'Shaughnessy  
Roscoe Francis Parker  
John Edgar Pearson  
James Robert Perkins  
John David Peterson  
Walter Vernon Petrich  
Maurice Averene Reep, B.Ch.E.  
Francis J. Robieson  
Elbert Gerald Ruis  
Clair Joseph Ryan  
John Breier Ryan  
Joseph Paul Saba, A.L.A.  
Christos Basel Sateropolos  
William Herbert Saxton, Jr.  
Stanley Victor Scharling, A.A.  
Philip George Schmidt  
Samuel J. Schneider, Jr.  
Robert Henry Scott

John Edwin Slatky, B.Aero.E.  
Richard Clyde Sloss  
Robert Clyde Smith  
Lucky Woods Somers  
Kenneth Duane Stempson  
Vernon Sanford Stenseng  
George Classen Stone  
Charles Stanley Suttles  
Roy Milton Svee  
Hughes Reece Taylor  
Charles Harry Townsend  
Lloyd D. Tracy  
Benjamin Theodore Traub  
Richard Cartwright Utter  
Francis John Vollmers  
Donald Ray Wahlund  
Leo Constantine Westerlund  
Richard Earl White  
Vern Arvid Wickre  
James Orvin Wiberg, B.A.  
Charles Joseph Williams  
Seth George Withers

## BACHELOR OF SCIENCE

### *In Economics*

Jack Lawrence Abrahamson  
David Tracy Corwin

Frederick William Just, Jr.  
Earl Sherman Pollack

## UNIVERSITY COLLEGE

### BACHELOR OF ARTS

Chester Clover Aronson, Jr.  
Mark Gerard Brataas  
Donna Josephine Hanson  
Harlan Dale Hedtke  
Arthur Joseph Katz  
Jules Robert Martineau

J. MacNeil Nash, B.S. in Naval Technology  
Archie Maynard Peterson  
Charles Frederick Potter  
Amy Henrietta Wohlrabe  
William G. Wolston  
Alphonse Ernest Zecca

## BACHELOR OF SCIENCE

Emil Vandeline Behrens  
Robert H. Estensen  
Peter George Kosmas  
Arvilla Nelson  
Richard Foote Palmer

Louis Mack Perry  
Rose Mary Ryan  
Edwin Thulin, Jr.  
Merle Jerome Tommeraasen

## GRADUATE SCHOOL

### MASTER OF ARTS

- Harold M. Anderson**  
B.A. cum laude '39, St. Olaf College  
Major, Education  
Plan B
- Herbert Adolph Anderson**  
B.S. '44, Stout Institute  
Major, Industrial Education  
Plan B
- Shanti Banerjee**  
B.A. '38, University of Calcutta  
Major, International Relations  
Plan B
- Yvonne Hoffmann Barre**  
B.A. cum laude '35, Xavier University  
Major, Curriculum and Instruction  
Plan B
- Edith Langley Barrett**  
B.A. '41, Macalester College  
Major, English  
Plan B
- Judith Ann Bingham**  
B.A. '37, University of Manitoba  
Major, Social Work  
Plan B
- Morison Brigham**  
B.A. '40, Yale College  
Major, Educational Administration  
Plan B
- William James Connell**  
B.A. '45, University of Texas  
Major, American Studies  
Plan B
- Georges Cecil Denzene**  
B.S. '45, University of Minnesota  
Major, History  
Plan B
- Albert Einar Conrad Edstrom**  
B.A. '40, Gustavus Adolphus College  
Major, Educational Administration  
Plan B
- Carlton Leonard Engquist**  
B.S. '42, University of Minnesota  
Major, Social Work  
Plan B
- Florence Myrum Fredricksen**  
B.S. '24, University of Minnesota  
Major, French  
Minor, English  
Thesis, The Philosophy of André Malraux
- John H. Fuhlbruegge**  
B.E. '35, Winona State Teachers College  
Major, Industrial Education  
Plan B
- Pauline Roslyn Gardner**  
B.S. with distinction '42, University of  
Minnesota  
Major, Educational Psychology  
Plan B
- Joy Miriam Goldberg**  
B.A. '45, University of Minnesota  
Major, French  
Plan B
- Alden Nathaniel Goodwin**  
B.S. '31, University of Pennsylvania  
Major, Educational Administration  
Plan B
- Carl Vernon Goossen**  
B.S. '46, Winona State Teachers College  
Major, Curriculum and Instruction  
Plan B
- Herbert Edgar Hartshorn**  
B.S. '40, University of Minnesota  
Major, Curriculum and Instruction  
Plan B
- Beverly Harrington Hill**  
B.S. '36, North Dakota Agricultural Col-  
lege  
Major, Educational Administration  
Plan B
- Dolson Willis Hill**  
B.S. '33, North Dakota Agricultural Col-  
lege  
Major, Educational Administration  
Plan B
- Howard Katsuji Hiroki**  
B.A. '41, University of Hawaii  
Major, Business Administration  
Plan B
- Melvin LeRoy Hoff**  
B.S. '44, St. Cloud State Teachers College  
Major, Mathematics  
Plan B
- Leonard William Holden**  
B.S. '44, University of Minnesota  
Major, Educational Psychology  
Plan B

- Dick Lowery Jackson  
B.S. '46, Utah State Agricultural College  
Major, Statistics  
Plan B
- Gladys Loretta Jensen  
B.E. '29, Superior State Teachers College  
Major, Spanish  
Plan B
- Fae Doris Johnson  
B.F.A. with honors '45, University of  
Texas  
Major, Speech  
Plan B
- Jerome Kaplan  
B.B.A. '44, University of Minnesota  
Major, Political Science  
Plan B
- Nancy Jane Keely  
B.A. *magna cum laude* '46, University of  
Minnesota  
Major, Psychology  
Plan B
- Raymond Thomas Kenney  
B.S. '42, Winona State Teachers College  
Major, Educational Administration  
Plan B
- Audrey Kingsley Kiekenapp  
B.A. '44, University of Minnesota  
Major, Speech  
Plan B
- Leslie Albert King  
B.S. '42, Winona State Teachers College  
Major, Educational Administration  
Plan B
- Edith Persons Korpi  
B.A. '39, Taylor University  
Major, Social Work  
Plan B
- Robert Adolph Kress  
B.A. '42, University of Minnesota  
Major, History  
Plan B
- Harry Willis Larsen  
B.S. '47, River Falls State Teachers Col-  
lege  
Major, Industrial Education  
Plan B
- Lloyd Warren Larson  
B.A. '46, University of Minnesota  
Major, Political Science  
Plan B
- LeRoy Samuel Lassegard  
LL.B. '42, University of South Dakota  
Major, Business Administration  
Plan B
- Olive Leskow  
B.A. '41, Ball State Teachers College  
Major, Educational Psychology  
Minor, Mathematics  
Thesis, An Experimental Study Compar-  
ing the Teacher-Directed Method with  
the Pupil Self-Discovery Method in the  
Teaching of Seventh Grade Arithmetic
- John Marvin Lundblad  
B.A. '28, Macalester College  
Major, Educational Administration  
Plan B
- James Anthony Lushine  
B.S. '43, University of Minnesota  
Major, Industrial Education  
Plan B
- James Burke Lyon  
B.A. '37, Hamline University  
Major, Educational Psychology  
Plan B
- Lyle Alden Maves  
B.S. with honors '40, Superior State  
Teachers College  
Major, Educational Administration  
Plan B
- Lilah Marie Melby  
B.S. '42, Eau Claire State Teachers Col-  
lege  
Major, Educational Psychology  
Plan B
- Warren Paul Mild  
B.A. *cum laude* '46, University of Min-  
nesota  
Major, English  
Minor, Linguistics and Comparative Phi-  
lology  
Thesis, A Critical Survey of Certain Early  
English Metrical Psalters (1540-1564)
- Helen Jane Monserud  
B.A. '30, University of Minnesota  
B.S. '45, Northern State Teachers College  
(Aberdeen, South Dakota)  
Major, History  
Minor, Sociology  
Thesis, James I as a Social Reformer

**Robert Loren Morlan**  
B.A. '42, Denison University  
Major, Political Science  
Minor, History  
Thesis, The Rise of the Nonpartisan  
League

**Milton Luther Nesvig**  
B.A. '37, St. Olaf College  
Major, Journalism  
Plan B

**Ralph Paul Norman**  
B.S. '41, University of Minnesota  
Major, Industrial Education  
Plan B

**Fredrick Fraas Olness**  
B.A. '28, St. Olaf College  
Major, Educational Administration  
Plan B

**Morton Orville Ouren**  
B.A. '30, St. Olaf College  
Major, Educational Administration  
Plan B

**Lewis George Palmer**  
B.S. '32, Stout Institute  
Major, Industrial Education  
Plan B

**Elizabeth Virginia Parker**  
B.A. '43, University of Minnesota  
Major, Social Work  
Plan B

**Lloyd Irving Peterson**  
B.S. '37, University of Minnesota  
Major, Social Work  
Minor, Political Science  
Thesis, Social Factors as Determinants of  
Old Age Assistance Case Loads in Selected  
Minnesota Counties

**Olive Alta Quello**  
B.A. '46, University of Minnesota  
Major, Social Work  
Plan B

**Eleanor Pauline Rue**  
B.A. '41, Washington Missionary College  
Major, Curriculum and Instruction  
Plan B

**Owen Parker Rufsvold**  
B.A. '37, Valley City State Teachers Col-  
lege  
Major, Educational Psychology  
Plan B

**Theodore Roosevelt Salmon**  
B.A. '30, Macalester College  
Major, Educational Administration  
Plan B

**Barbara Ely Sanborn**  
B.A. with honors '35, University of Wis-  
consin  
Major, Child Welfare  
Minor, Psychology  
Thesis, Children's Animism and the In-  
fluence of Parents' Explanations

**Eugene Victor Schenkman**  
B.S. '42, Rutgers University  
Major, Physics  
Plan B

**Walter C. Schuiling**  
B.E. '39, Bemidji State Teachers College  
Major, Russian Area Studies  
Plan B

**Anna Kleinman Schwartz**  
B.S. '44, University of Minnesota  
Major, History and Philosophy of Educa-  
tion  
Plan B

**Bertha Claire Goldfarb Simos**  
B.A. '46, University of Minnesota  
Major, Social Work  
Plan B

**Sister Ada Marie Boehm**  
B.A. '33, College of St. Catherine  
Major, Mathematics  
Plan B

**Margaret Gallagher Spoo**  
B.A. '43, University of Minnesota  
Major, Spanish  
Plan B

**Doris Pralle Starr**  
B.A. '45, University of Minnesota  
Major, Spanish  
Plan B

**Gerhard Erich Tauber**  
B.A. '46, University of Toronto  
Major, Physics  
Minor, Mathematics  
Thesis, Theory of Cross-Sections in Colli-  
sions of Fast Particles

**Elizabeth Wellington Tautges**  
B.A. '32, Carleton College  
B.S. '34, University of Minnesota  
Major, Education  
Minor, English  
Thesis, A Critical Examination of the Rep-  
resentation of the Negro in Literature  
for Adolescents



Adeline Lorraine Van Deventer  
B.S. '34, Cornell University  
Major, Social Work  
Plan B

Chih-yi Wang  
B.S. '41, Yenching University  
Major, Mathematics  
Plan B

Richard Gilbert Wiggin  
B.S. '39, University of Minnesota  
Major, Curriculum and Instruction  
Plan B

Helen Jean Williams  
B.A. '43, Rockford College  
Major, Journalism  
Minor, Economics  
Thesis, An Evaluation of Criticisms of  
the Daily Press in George Seldes' *In*  
Fact

Stanley Paul Wronski  
B.S. '42, University of Minnesota  
Major, Education  
Plan B

Laurence Reginald Wyatt  
B.A. '43, Reed College  
Major, Political Science  
Minor, Economics  
Thesis, The Manitoba Health Plan with  
Special Reference to Full-time Local  
Public Health Units

## MASTER OF BUSINESS ADMINISTRATION

Clifford Tweedie Fay, Jr.  
B.B.A. '43, University of Minnesota  
Major, Business Administration  
Plan B

James Cosgrove Harris  
B.A. '42, Macalester College  
Major, Business Administration  
Plan B

## MASTER OF ARTS *In Public Administration*

Paul Hadden Cedergren  
B.A. '36, Iowa State Teachers College  
Major, Public Administration  
Plan B

Dorothy Frances O'Shaughnessy  
B.S. '43, University of Minnesota  
Major, Public Administration  
Plan B

Arthur Julius Holmaas  
B.E. '38, Moorhead State Teachers Col-  
lege  
Major, Public Administration  
Thesis, Agricultural Wage Stabilization  
in World War II: A Study of the De-  
velopment, Operations and Administra-  
tion of the Program

Louise Spaeth  
B.S. '43, University of Minnesota  
Major, Public Administration  
Plan B

## MASTER OF SCIENCE

Mahmoud Ahmed Omar Abdel-Akher  
B.S. '41, Fouad First University (Egypt)  
Major, Agricultural Biochemistry  
Minor, Organic Chemistry  
Thesis, The Oxidation Effect of Nitrous  
Acid Upon Amino Acids

Woodrow John Aunan  
B.S. '42, University of Minnesota  
Major, Animal Husbandry  
Minor, Zoology  
Thesis, Variations of Muscle, Fat and  
Bone in Swine Carcasses

Ragnar Almin  
B.S. '37, University of Minnesota  
Major, Pharmaceutical Chemistry  
Minor, Pharmacognosy  
Thesis, A Phytochemical Study of *Achillea  
lanulosa*

Cavit Buyukmihiç  
B.S. '46, Carnegie Institute of Technology  
Major, Metallography  
Minor, Physical Chemistry  
Thesis, The Solubility of Carbon in  
Austenite

- Howard Leon Carnahan**  
 B.S. '42, Kansas State College  
 Major, Plant Genetics  
 Minor, Plant Pathology  
 Thesis, Combining Ability in Flax (*Linum usitatissimum*)
- Edward Perry Crump**  
 B.A. '34, Fisk University  
 M.D. '41, Meharry Medical College  
 Major, Pediatrics  
 Minor, Physiological Chemistry  
 Thesis, An Experimental Study of Convulsive Mechanisms: The Electrolyte and Water Content of the Brain and Other Tissues of Rats Subjected to the Administration of Desoxycorticosterone Acetate, Adrenalectomy, Insulin Hypoglycemia and Sustained Pitressin Antidiuresis
- Joseph Michael Daly**  
 B.S. '44, Rhode Island State College  
 Major, Plant Pathology  
 Minor, Plant Physiology  
 Thesis, Utilization of Nutrients by Rust Fungi
- Edgar William Dangler**  
 B.S. with distinction '42, University of Maine  
 Major, Economic Zoology  
 Minor, Botany  
 Thesis, The Ecology of the American Woodcock on the Cloquet Forest with Some Management Suggestions
- Oswaldo Bastos de Menezes**  
 Ing. Agronomo '38, Escola Nacional de Agronomia (Brazil)  
 Major, Plant Genetics  
 Minor, Plant Pathology  
 Thesis, The Performance of Simple, Complex and Synthetic Varieties of *Zea mays* L.
- Sophia Mary Ernst**  
 B.S. '41, St. Louis University  
 Major, Physical Medicine  
 Minor, Physiology  
 Thesis, The Use of the Stewart Calorimeter in Physical Medicine
- Humberto Gandarillas**  
 Ing. Agronomo '43, University of Chile  
 Major, Horticulture  
 Minor, Plant Genetics  
 Thesis, A Study on the Use of the Methyl Ester of Alpha-Naphthaleneacetic Acid To Inhibit and of Ethylene Chlorhydrin To Induce the Sprouting of Seed Potatoes
- Julius Hand Gooden**  
 B.S. '46, Georgia State College  
 Major, Animal Husbandry  
 Plan B
- Milton Frederick Gravender**  
 B.A. '43, University of Minnesota  
 Major, Geology  
 Plan B
- Jane Holman**  
 B.A. '43, University of Minnesota  
 Major, Bacteriology  
 Minor, Agricultural Biochemistry  
 Thesis, The Effect of Solid Surface on the Multiplication of *Escherichia coli* Grown in Varying Concentrations of Broth for Twenty-Four Hours
- Lucy Belle Jones**  
 B.S. '44, Hampton Institute  
 Major, Home Economics Education  
 Plan B
- John Frederick Kachmar**  
 B.S. '36, University of Akron  
 Major, Agricultural Biochemistry  
 Plan B
- Arvo Kallio**  
 B.S. '42, University of Minnesota  
 Major, Horticulture  
 Plan B
- Thomas Loucks Keller**  
 B.Aero.E '43, University of Minnesota  
 Major, Mathematics and Mechanics  
 Plan B
- Aziz Dulah Khan**  
 Diploma of Licentiate in Agriculture '29, Government Agricultural College (Cawnpore, India)  
 Major, Soils  
 Plan B
- Robert Consay Lamb**  
 B.S.A. '41, University of Saskatchewan  
 Major, Horticulture  
 Minor, Botany  
 Thesis, The Cumulative Effects of Hours of Low Temperature upon the Breaking of Rest in the Latham Raspberry
- Arnaldo Liberti**  
 Graduate in Chemistry cum laude '39, Graduate in Pharmacy '45, University of Rome  
 Major, Analytical Chemistry  
 Minor, Inorganic Chemistry  
 Thesis, Polarographic Investigation of Cupferron—Its Use in Amperometric Titration of Copper and Iron
- Chen-Shan Lu**  
 M.B., Ch.B. '34, Mukden Medical College (China)  
 Major, Anatomy  
 Minor, Pathology  
 Thesis, The Effect of Urethane on Mouse Leukemia

- Antonio Marino (Ambrosio)  
 Ing. Agronomo '41, Escuela Superior de  
 Agricultura y Ganaderia del Estado  
 (Mexico)  
 Major, Plant Genetics  
 Minor, Plant Pathology  
 Thesis, Cytogenetic Study of Two Par-  
 tially Sterile Lines of Maize
- Permishwari Dayal Mathur  
 B.S. '38, M.B. '42, M.S. '42, King  
 George's Medical College (India)  
 Major, Experimental Surgery  
 Minor, Surgical Pathology  
 Thesis, An Experimental Study of Duo-  
 denal Motility
- Harold Angus McLennan  
 B.S.A. '37, Ontario Agricultural College  
 Major, Plant Genetics  
 Minor, Plant Pathology  
 Thesis, Cytogenetic Studies of a Strain  
 of Barley with Long Chromosomes
- Charles William Nash  
 B.S. '42, University of Manitoba  
 Major, Physiological Chemistry  
 Minor, Physiology  
 Thesis, A Study of the Nucleic Acids of  
 Mouse Liver Cell Nuclei
- Dumas Alfred Otterson  
 B.Ch. '42, University of Minnesota  
 Major, Analytical Chemistry  
 Minor, Physical Chemistry  
 Thesis, The Determination of Sulfate as  
 Strontium Sulfate
- Edwin Scott Parker  
 B.A. with honors '43, University of Illinois  
 Major, Geology  
 Plan B
- Donald Elbert Pierce  
 B.S. with distinction '44, University of  
 Minnesota  
 Major, Forestry  
 Minor, Botany  
 Thesis, The Rooting of Various Ages and  
 Sizes of Cottonwood (*Populus deltoides*)  
 Cuttings
- Lucian Vane Rogers  
 B.S. with highest honors '40, University  
 of Illinois  
 Major, Agricultural Biochemistry  
 Minor, Analytical Chemistry  
 Thesis, The Influence of Calcium Salts  
 on the Baking Behavior of Wheat  
 Flours
- Emily Celestia Smith  
 B.A. '44, University of Minnesota  
 Major, Experimental Pathology  
 Minor, Experimental Hematology  
 Thesis, Studies on the Effect of Strepto-  
 mycin in Experimental Tuberculosis
- Arthur Howard Sussman  
 M.D. '44, University of Western Ontario  
 Major, Physiology  
 Minor, Pathology  
 Thesis, Pulmonary Changes in Vagoto-  
 mized and Non-vagotomized Guinea  
 Pigs Subjected to Continuous Artificial  
 Respiration with Special Reference to  
 Alterations of Respirator Pressure
- Frederick Robert Taylor  
 B.S. '39, University of Minnesota  
 Major, Agricultural Economics  
 Plan B
- Elvira Lenora Thomson  
 B.S. '29, University of Minnesota  
 Major, Home Economics Education  
 Plan B
- Alvar Arvid Werder  
 B.A. '45, University of Minnesota  
 Major, Bacteriology  
 Minor, Cancer Biology  
 Thesis, Serological Studies on Human  
 Cancer
- Edith Woolsey  
 B.A. '13, University of Minnesota  
 Major, Curriculum and Instruction  
 Plan B
- Chentze Hsiang Wu  
 B.S. '34, National Central University  
 (China)  
 Major, Physiology  
 Minor, Pharmacology  
 Thesis, Measurements of Blood Pressure  
 in the Mouse under Normal and Ex-  
 perimental Conditions

MASTER OF SCIENCE  
*In Aeronautical Engineering*

- Harland Keith Hite  
 B.Aero.E. '44, University of Minnesota  
 Major, Aeronautical Engineering  
 Plan B
- William Parish Stillman  
 B.S. in Aero.E. '43, Tri-State College  
 Major, Aeronautical Engineering  
 Plan B

MASTER OF SCIENCE  
*In Agricultural Engineering*

**Teh-chung Chang**

B.S. in M.E. '42, National Southwest  
Associated University (China)  
Major, Agricultural Engineering  
Minor, Mechanical Engineering  
Thesis, An Investigation into the Possi-  
bilities of Recovering and Utilizing  
Ground Water in North China

**Sheng-Tsu Chen**

B.S. in M.E. '36, Chiao-Tung University  
Major, Agricultural Engineering  
Minor, Mechanical Engineering  
Thesis, The Removal of Moisture from  
the Alfalfa Plant by Use of Roller Press  
Having Unheated and Heated Rolls

**Mihir Kumar Nandi**

B.S. '40, B.S. in Ag. Eng. '44, Allahabad  
Agricultural Institute (India)  
Major, Agricultural Engineering  
Minor, Agricultural Economics  
Thesis, Development of a Grain-Seeding  
Device Applicable to the Agricultural  
Conditions in India

**Harihar Nath Shukla**

B.Sc. '37, Benares Hindu University  
Major, Agricultural Engineering  
Plan B

**Walter Sin-Yuan Sway**

B.S. '42, National Central University  
(China)  
Major, Agricultural Engineering  
Plan B

**Ding-Lai Tao**

B.S. '42, National Southwest Associated  
University (China)  
Major, Agricultural Engineering  
Minor, Mechanical Engineering  
Thesis, Design of a Dropping Mechanism  
on a Row Crop Transplanter

**Ke-Chou Wu**

B.S. in M.E. '41, National Tsing Hua  
University  
Major, Agricultural Engineering  
Plan B

MASTER OF SCIENCE  
*In Chemical Engineering*

**Edward John Cook**

B.Ch.E. '40, University of Minnesota  
Major, Chemical Engineering  
Plan B

**William Alexander Gallup**

B.Ch.E. with distinction '45, University  
of Minnesota  
Major, Chemical Engineering  
Minor, Mathematics  
Thesis, The Fractional Crystallization of  
Potassium Dichromate from Solutions  
of Sodium Sulfate

MASTER OF SCIENCE  
*In Civil Engineering*

**Binay Kumar Banerjee**

B.E. '44, University of Calcutta  
Major, Civil Engineering (Hydraulics)  
Minor, Civil Engineering (Structural En-  
gineering)  
Thesis, An Experimental Study of a Model  
Sedimentation Basin

**Clarence Edwin Dalstrom**

B.A. '28, B.C.E. '42, University of Min-  
nesota  
Major, Civil Engineering (Highway En-  
gineering)  
Minor, Civil Engineering (Structural En-  
gineering)  
Thesis, The Correlation of Pedological  
Soil Types with Highway Performance  
and Engineering Properties

**Sylvio P. Bunéa**

C.E. '47, University of Rio de Janeiro  
Major, Civil Engineering  
Minor, Mechanical Engineering  
Thesis, Pressures of Concrete on Form-  
work Using Regular and Air-entrained  
Concrete

**Sol Jay Jacobs**

B.C.E. '44, University of Minnesota  
Major, Civil Engineering  
Plan B

Indar Prakash Kapila

B.S. in C.E. '43, Punjab University  
Major, Civil Engineering (Structural Engineering)  
Minor, Civil Engineering (Hydraulics)  
Thesis, Stresses in Gravity Dams

Hwa-Ni Lee

B.S. in C.E. '45, La Universitato Utopia  
(China)  
Major, Civil Engineering  
Plan B

Donald James Neubauer

B.C.E. '44, University of Minnesota  
Major, Civil Engineering  
Plan B

## MASTER OF SCIENCE

### *In Mechanical Engineering*

Ramendra Nath Banerjee

B.E. '36, University of Calcutta  
Major, Mechanical Engineering  
Plan B

Joseph Hubert Feilzer

B.M.E. '43, University of Minnesota  
Major, Mechanical Engineering  
Plan B

Ara D. Cilaciyen

B.S. in M.E. '45, Robert College  
Major, Mechanical Engineering  
Plan B

Saul Levinson

B.M.E. '45, Cornell University  
Major, Mechanical Engineering  
Minor, Mathematics and Mechanics  
Thesis, A Study of the Effect of Stress  
on Electric Resistance

## MASTER OF SCIENCE

### *In Anesthesiology*

Albert Faulconer, Jr.

B.S. '32, M.D. '36, Kansas University  
Major, Anesthesiology  
Minor, Experimental Physiology  
Thesis, A Study of Methods for the Determination of Gas and Ether Vapor Tensions and the Use of These Methods during Semi-open Ether Anesthesia

John Albert Paulson

M.D. '37, University of Minnesota  
Major, Anesthesiology  
Minor, Experimental Physiology  
Thesis, I. A Comparison between Narcosis Established by Sodium Ethyl-(1-methyl-butyl) Thiobarbiturate (pentothal sodium) Alone and Combined with D-tubocurarine Chloride (curare).  
II. A Comparison between Narcosis Established by Sodium Ethyl (1-methyl-butyl) Thiobarbiturate (pentothal sodium) Alone and Combined with Alpha: beta Dihydroxy-gamma-(2-methylphenoxy) Propane (myanesin)

Kenneth Edward Latterell

B.S. '37, University of Detroit  
M.D. '41, Wayne University  
Major, Anesthesiology  
Minor, Experimental Physiology  
Thesis, An Investigation of the Arterial Oxygen Saturation in Humans during Spinal Analgesia and Intravenous Pentothal Sodium Anesthesia as Determined by the Millikan Oximeter and Van Slyke Gasometric Analysis of Arterial Blood

## MASTER OF SCIENCE

### *In Dermatology and Syphilology*

Eugene Mark Farber

B.A. '39, Oberlin College  
M.D. '43, University of Buffalo  
Major, Dermatology and Syphilology  
Minor, Histopathology  
Thesis, The Arteriole of the Skin in Essential Hypertension

MASTER OF SCIENCE  
In Medicine

**Milton Winfield Anderson**

B.A. '36, Gustavus Adolphus College  
M.D. '44, University of Minnesota  
Major, Medicine  
Minor, Hematology  
Thesis, Erythrocyte Diameters in Acquired Hemolytic Anemia

**William Francis Bradley**

B.A. '39, M.D. '43, Ohio State University  
Major, Medicine  
Minor, Pathologic Anatomy  
Thesis, The Character of Pulmonary Apical Scars

**James Clarence Cain**

M.D. '37, University of Texas  
Major, Medicine  
Minor, Physiology  
Thesis, A Study of Hepatic Lymph

**Harry Francis Colfer**

B.A. '40, Montana State University  
M.D. '43, Marquette University  
Major, Medicine  
Minor, Physiology  
Thesis, Neuronal Signs of Convulsive Activity

**Talbert Cooper**

B.A. '35, Mercer University  
M.D. '39, Emory University  
Major, Medicine  
Minor, Hematology  
Thesis, Sternal Aspiration as an Aid in Diagnosis of the Malignant Lymphomata

**John Earle Estes, Jr.**

M.D. '43, University of Illinois  
Major, Medicine  
Minor, Pathologic Anatomy  
Thesis, The Effect of Thiocyanate on the Thyroid Gland when Administered for Hypertension

**Robert Magwood Fawcett**

B.A. '37, B.S. '38, University of North Dakota  
M.D. '40, University of Pennsylvania  
Major, Medicine  
Minor, Pathologic Anatomy  
Thesis, A Study of the Myocardium Following Sulfonamide Therapy

**John Hyslop Flinn**

M.D. '41, Northwestern University  
Major, Medicine  
Minor, Physiology  
Thesis, The Effect of Digitalis on the Coagulability of Blood

**John Dawson Hartigan**

B.S.M. '39, M.D. '43, Creighton University  
Major, Medicine  
Minor, Hematology  
Thesis, The Effect of Synthetic Folic Acid on the Sternal Marrow of Addisonian Pernicious Anemia in Relapse

**Reverdy Hamlin Jones, Jr.**

B.S. '34, Virginia Military Institute  
M.D. '38, University of Virginia  
Major, Medicine  
Minor, Pathologic Anatomy  
Thesis, The Relationship between Certain Limb Lead Electrocardiographic Changes in Arterial Hypertension and Relative Individual Ventricular Weights

**William Vincent Leary**

B.A. '33, Carleton College  
M.D. '38, University of Minnesota  
Major, Medicine  
Minor, Pathologic Anatomy  
Thesis, The QRS Complex of the Unipolar Extremity Electrocardiogram in the Interpretation of the Deep Q<sub>s</sub> Pattern

**William Locke**

M.D. '38, University of Manitoba  
Major, Medicine  
Minor, Physiology  
Thesis, Adrenotropic Factors in Human Urine

**Alfonso Anthony Lombardi**

B.A. '39, Columbia University  
M.D. '43, University of Buffalo  
Major, Medicine  
Minor, Pathologic Anatomy  
Thesis, Non-traumatic Cardiac Rupture: A Clinical-Pathologic Study

**Raymond Wilson O'Brien**

B.A. '39, M.D. '43, University of Kansas  
Major, Medicine  
Minor, Hematology  
Thesis, The Value of Sternal Puncture as a Diagnostic Procedure in the Demonstration of Metastatic Malignancy

**Clarence Coplyn Pearson**

B.A. '34, M.D. '37, University of Texas  
Major, Medicine  
Minor, Pathologic Anatomy  
Thesis, A Clinico-Pathological Study of Cirrhosis and Certain Laboratory Diagnostic Methods

Howard Milton Rogers

M.D. '35, University of Pittsburgh  
Major, Medicine  
Minor, Pathologic Anatomy  
Thesis, Congenital Heart Disease: Trans-  
position of the Aorta and Pulmonary  
Artery

Edward E. Rosenbaum

B.S. '38, M.D. '38, University of Nebraska  
Major, Medicine  
Minor, Physiology  
Thesis, A Test of the Coagulation Time  
of Heparinized Blood *in vitro*; Studies  
in Normal Individuals, Post-operative  
Patients, and Patients with Thrombosis  
and Embolism

Gordon Dudley Stokes

B.A. '40, Dartmouth College  
M.D. '43, Northwestern University  
Major, Medicine  
Minor, Clinical Investigation  
Thesis, The Comparative Value of Duo-  
denal Intubation and Quantitative De-  
termination of Urobilinogen in Urine  
and Feces in Verifying Potency of the  
Bile Ducts

## MASTER OF SCIENCE

### *In Neurology and Psychiatry*

Ernest Macfarlane Hammes

B.S. '38, Yale University  
M.D. '41, Harvard University  
Major, Neurology and Psychiatry  
Minor, Neuropathology  
Thesis, The Reaction of the Meninges to  
Blood

## MASTER OF SCIENCE

### *In Neurosurgery*

Murray Hunter Brown

B.A. '34, Columbia University  
M.D. '38, Yale University  
Major, Neurosurgery  
Minor, Neuropathology  
Thesis, Intraspinal Meningiomas

## MASTER OF SCIENCE

### *In Obstetrics and Gynecology*

Robert Wesley DeVoe

B.A. '40, University of California  
M.D. '43, Creighton University  
Major, Obstetrics and Gynecology  
Minor, Surgical Pathology  
Thesis, Pyometra

Robert Sours Higgins

B.A. '40, Western Reserve University  
M.D. '43, St. Louis University  
Major, Obstetrics and Gynecology  
Minor, Surgical Pathology  
Thesis, Solid Teratomas of the Ovary

Mary Elizabeth Mussey

B.A. '34, Carleton College  
M.D. '41, University of Minnesota  
Major, Obstetrics and Gynecology  
Minor, Surgical Pathology  
Thesis, Observations on the Microscopic  
Appearance of the Placenta in Normal  
and Toxemic Pregnancy with Special  
Reference to the Syncytium

MASTER OF SCIENCE  
*In Pediatrics*

Francisco Venegas

M.D. '41, University of Havana

Major, Pediatrics

Minor, Pathology

Thesis, Juvenile Diabetes—A Review of  
116 Cases with Particular Emphasis on  
Prognosis and Occurrence of Complica-  
tions

MASTER OF SCIENCE  
*In Proctology*

Marion Stark Craig, Jr.

B.A. '40, Hendrix College

B.S. '42, M.D. '44, University of Arkansas

Major, Proctology

Minor, Surgical Pathology

Thesis, Factical (Irradiation) Proctitis

MASTER OF SCIENCE  
*In Surgery*

Carlos Eduardo Azpuru (Pellecer)

M.D. '40, University of Guatemala

Major, Surgery

Minor, Surgical Pathology

Thesis, Dysgerminoma of the Ovary

Bradley Claude Brownson

B.S. '34, M.D. '37, Tulane University

Major, Surgery

Minor, Surgical Pathology

Thesis, A Study of the Microscopic Ex-  
tension of Malignant Cells in the Eso-  
phageal Wall Invaded by Carcinoma of  
the Cardia

Allen Lindley Bryan

B.A. '40, Stanford University

M.D. '43, Temple University

Major, Surgery

Minor, Surgical Pathology

Thesis, Comparison of Thymic Hyperplasia  
in Myasthenia Gravis and Exophthalmic  
Goiter

Monford Daniel Custer, Jr.

B.A. '36, Princeton University

M.D. '40, Columbia University

Major, Surgery

Minor, Pathology

Thesis, Clinical Investigation of the So-  
called "Dumping Syndrome" Following  
Subtotal Gastric Resection

William Alfred Dafoe

B.A. '37, University of Wisconsin

M.D. '40, Harvard University

Major, Surgery

Minor, Surgical Pathology

Thesis, The Retrograde Lymphatic Spread  
of Carcinoma of the Rectum Situated  
between the Pectinate Line and the  
Peritoneal Reflection—Its Influence on  
Surgical Procedures

James Allen Dickson

B.S. '37, Davidson College

M.D. '41, University of Pennsylvania

Major, Surgery

Minor, Surgical Pathology

Thesis, Cystic Disease of the Lungs and  
Its Relationship to Bronchiectatic  
Cavities

Russell Lynn Fisher

B.A. '40, Pomona College

M.D. '44, University of Southern Cali-  
fornia

Major, Surgery

Minor, Surgical Pathology

Thesis, Inguinal Node Metastasis from  
Adenocarcinoma of the Rectum

Robert Joseph Fitzgibbons

B.S.M. '40, M.D. '43, Creighton Univer-  
sity

Major, Surgery

Minor, Surgical Pathology

Thesis, Diverticulitis and Diverticulosis of  
the Right Colon



- James Daniel Fryfogle  
 B.A. '40, Albion College  
 M.D. '43, Wayne University  
 Major, Surgery  
 Minor, Surgical Pathology  
 Thesis, Dark-Cell Adenocarcinomas of the  
 Kidney
- David Gavisier  
 B.A. '37, M.D. '38, University of Minne-  
 sota  
 Major, Surgery  
 Minor, Pathology  
 Thesis, Clinical Investigation and Evalua-  
 tion of 416 Consecutively Operated  
 Cases for Peptic Ulcer
- Frederick Martin Graham  
 B.S. '37, University of Nebraska  
 M.D. '40, Northwestern University  
 Major, Surgery  
 Minor, Surgical Pathology  
 Thesis, Acute Cholecystitis
- Gerald Lawrence Hansbro  
 B.S. '41, University of Missouri  
 M.D. '43, Northwestern University  
 Major, Surgery  
 Minor, Surgical Pathology  
 Thesis, Multiple Carcinomas of the  
 Stomach
- Emerson Eli Hoppes  
 B.S. '40, Albright College  
 M.D. '43, George Washington University  
 Major, Surgery  
 Minor, Surgical Pathology  
 Thesis, Leiomyomas of the Stomach
- William George Kirkland  
 M.D. '38, Hahnemann Medical College  
 Major, Surgery  
 Minor, Surgical Pathology  
 Thesis, Neoplasms of the Spleen
- Frank Turner Kurzweg  
 B.S. '38, M.D. '42, Harvard University  
 Major, Surgery  
 Minor, Surgical Pathology  
 Thesis, A Clinico-Pathological Study of  
 Transcolonic Excised Polyps
- James Joseph Lally  
 M.D. '43, Northwestern University  
 Major, Surgery  
 Minor, Surgical Pathology  
 Thesis, Traumatic Rupture of the Spleen
- Karl Adolph Lofgren  
 M.D. '41, Harvard University  
 Major, Surgery  
 Minor, Surgical Pathology  
 Thesis, Primary Carcinoma of the Fallo-  
 pian Tubes
- Gabe Celsor Long  
 B.S. '37, M.D. '38, University of Illinois  
 Major, Surgery  
 Minor, Surgical Pathology  
 Thesis, Benign Tumors of the Colon: A  
 Pathological and Clinical Review of  
 Lipomas, Myomas and Neurofibromas
- Charles Peterson Marvin  
 B.A. '36, Macalester College  
 M.D. '41, University of Minnesota  
 Major, Surgery  
 Minor, Surgical Pathology  
 Thesis, The Intraduodenal Spread of Ma-  
 lignant Gastric Lesions
- Leroy Henning Mayfield  
 M.D. '39, University of Tennessee  
 Major, Surgery  
 Minor, Surgical Pathology  
 Thesis, Diverticulitis of the Sigmoid Colon  
 with Sigmoido-Vesical and Sigmoido-  
 Cutaneous Fistulae
- Albert Key McAnally  
 B.A. '36, University of North Carolina  
 M.D. '41, Rush Medical College  
 Major, Surgery  
 Minor, Surgical Pathology  
 Thesis, Carcinoma Developing in Chronic  
 Draining, Cutaneous Sinuses and Fis-  
 tulae
- John Hugh McVicker  
 B.S. '37, University of Denver  
 M.D. '43, University of Colorado  
 Major, Surgery  
 Minor, Surgical Pathology  
 Thesis, Coexistent Mammary and Uterine  
 Carcinomata: An Analysis of Forty-  
 seven Cases
- Fredrick Blackburn Mears  
 B.A. '35, M.D. '39, University of Roches-  
 ter  
 Major, Surgery  
 Minor, Pathology  
 Thesis, Autopsy Survey of Peptic Ulcer  
 Associated with Other Disease: A Re-  
 view of Related Etiological Factors Con-  
 cerned
- Ward Carl Meyers  
 B.S. '36, M.D. '41, Northwestern Univer-  
 sity  
 Major, Surgery  
 Minor, Surgical Pathology  
 Thesis, A Study of the Gastric Mucosa  
 in Various Diseases of the Upper Gastro-  
 intestinal Tract

**Julius Robert Morrow**  
B.S. '39, Bethany College  
M.D. '43, University of Buffalo  
Major, Surgery  
Minor, Surgical Pathology  
Thesis, Tuberculous Mesenteric Lymphadenitis

**Cyril Joseph Multhauf**  
B.S. '37, M.D. '41, Marquette University  
Major, Surgery  
Minor, Surgical Pathology  
Thesis, A Radiopaque Suspension for the Bronchographic Study of Surgically Removed Lungs: Its Correlation to Bronchial Pathology

**Harold Alden Neibling**  
B.A. '40, Park College  
M.D. '44, Northwestern University  
Major, Surgery  
Minor, Surgical Pathology  
Thesis, Carcinoma of the Extrahepatic Bile Ducts Exclusive of the Ampulla of Vater

**Joseph Albert Nigro**  
M.D. '42, St. Louis University  
Major, Surgery  
Minor, Surgical Pathology  
Thesis, Clinically Benign Gastric Ulcers

**Spencer Kleckner Phillips**  
B.A. *cum laude* '35, Colgate University  
M.D. '40, Northwestern University  
Major, Surgery  
Minor, Surgical Pathology  
Thesis, An Evaluation of Various Examinations Performed on Serous Fluids

**Frederick Willard Preston**  
B.A. '35, Yale University  
M.S. '39, M.D. '40, Northwestern University  
Major, Surgery  
Minor, Physiology  
Thesis, Fatal Postoperative Pulmonary Embolism: Its Incidence before and after the Introduction of Anticoagulant Therapy

**Munro Lawrence Strong**  
B.S. '33, M.D. '35, Creighton University  
Major, Surgery  
Minor, Surgical Pathology  
Thesis, Granulomas of the Liver

**John Fulton Thomas**  
B.A. '36, University of Texas  
M.D. '40, University of Pennsylvania  
Major, Surgery  
Minor, Surgical Pathology  
Thesis, Multiple Primary Carcinomas of the Large Intestine

**George Irving Tice**  
M.D. '40, University of Iowa  
Major, Surgery  
Minor, Surgical Pathology  
Thesis, Comedomastitis

**Campbell Franklin Watts**  
B.A. '39, M.D. '43, State University of Iowa  
Major, Surgery  
Minor, Surgical Pathology  
Thesis, The Pulmonary Alveolar Lining in Bronchiectasis

## MASTER OF SCIENCE

### In Urology

**John Byron Beare**  
B.S. '37, M.D. '39, St. Louis University  
Major, Urology  
Minor, Surgical Pathology  
Thesis, Gross and Histopathologic Study Concerning Involvement of the Renal Capsule in Surgically Removed Hypernephroma

**James Keith Palmer**  
B.S. '40, College of Charleston  
M.D. '43, Medical College of the State of South Carolina  
Major, Urology  
Minor, Surgical Pathology  
Thesis, Urethral Caruncle

## MEDICAL SCHOOL

### DOCTOR OF MEDICINE\*

William George Atmore, B.S., M.B.  
Robert Louis Ginsberg, B.A., M.B.  
Robert Alan Good, B.A., M.B.  
George Benjamin Gordon, B.S., M.B.  
Robert Irving Gruys, B.S., M.B.

Rodney Bryce Harvey, B.A., B.S., M.B.  
Adrian Richard Jensen, B.S., M.B.  
Kenneth Eugene Johnson, M.B.  
Richard S. Johnson, B.S., M.B.

\* These degrees are conferred subject to the satisfactory completion of hospital internship within one month.

Louis Charles Lick, B.S., M.B.  
Vernon Herschel Mark, B.S., M.B.  
Stanley Robert Maxeiner, Jr., B.S.,  
M.B.

Scott Ferguson McIntire, B.S., M.B.  
Albert Gordon Miller, B.S., M.B.  
Earl Thomas Opstad, B.A., M.B.  
William Albert Townsend, B.S., M.B.

## GRADUATE SCHOOL

### DOCTOR OF PHILOSOPHY

#### Robert Carlyle Beyer

B.A. *summa cum laude* '37, Hamline University  
B.A. '39, M.A. '44, Oxford University  
Major, History  
Minor, Economics  
Thesis, The Colombian Coffee Industry:  
Origins and Major Trends, 1740-1940  
Major Adviser, Prof. T. B. Jones

#### John Morris Blair

B.S. with high distinction '40, Oklahoma  
Agricultural and Mechanical College  
M.Ph. '42, University of Wisconsin  
Major, Physics  
Minor, Mathematics  
Thesis, Fast Neutron Processes  
Major Adviser, Prof. J. H. Williams

#### Huey Ingles Borders

B.S. '33, University of Florida  
M.S. '38, University of Minnesota  
Major, Plant Pathology  
Minor, Horticulture  
Thesis, Studies on the Development and  
Control of *Sclerotinia sclerotiorum*  
(Lib.) DeBary  
Major Adviser, Prof. C. J. Eide

#### Gerald Arthur Boyack

B.A. '39, Grinnell College  
Major, Organic Chemistry  
Minor, Agricultural Biochemistry  
Thesis, The Synthesis of the Coumaran  
Isomer of Vitamin E  
Major Adviser, Prof. L. I. Smith

#### Myron Kendal Brakke

B.S. with high distinction '43, University  
of Minnesota  
Major, Agricultural Biochemistry  
Minor, Organic Chemistry  
Thesis, Studies in the Hydrogenation of  
Proteins with Raney Nickel  
Major Adviser, Prof. W. M. Sandstrom

#### Arnold A. Cohen

B.E.E. with high distinction '35, M.S. '38,  
University of Minnesota  
Major, Physics  
Minor, Mathematics  
Thesis, The Application of an Electron  
Multiplier Mass Spectrometer to the  
Isotopic Analysis of Rhodium, Colum-  
bium, and Cerium  
Major Adviser, Prof. A. O. C. Nier

#### Alonzo Joseph Davis

B.S. '31, M.S. '32, Howard University  
Major, Psychology  
Minor, Child Welfare  
Thesis, Status Factors in Personality  
Characteristics of Negro College Stu-  
dents  
Major Advisers, Profs. S. R. Hathaway  
and D. G. Paterson

#### Robert Alan Good

B.A. *cum laude* '44, University of Min-  
nesota  
Major, Anatomy  
Minor, Bacteriology  
Thesis, The Morphologic Mechanisms of  
Hyperergic Inflammation in the Brain;  
with Special Reference to the Signifi-  
cance of Local Plasma Cell Formation  
Major Adviser, Prof. Berry Campbell

#### Winifred G. Helms

B.S. '35, M.A. '39, University of Minne-  
sota  
Major, History  
Minor, English  
Thesis, The People's Governor, John A.  
Johnson: A Political Biography  
Major Adviser, Prof. G. M. Stephenson

#### Manohar Karamchand Hingorani

B.S. '39, University of Bombay  
Diploma of Associateship '43, Imperial  
Agricultural Research Institute (India)  
Major, Plant Pathology  
Minor, Botany  
Thesis, Factors Affecting the Survival  
Ability of Certain Physiologic Races of  
*Puccinia graminis avenae* Erikss. and  
Henn.  
Major Adviser, Prof. E. C. Stakman

#### Donald Edward Jasper

B.S. '40, D.V.M. '42, State College of  
Washington  
M.S. '44, Iowa State College  
Major, Veterinary Medicine  
Minor, Pathology  
Thesis, Hepatic Changes in the Bovine  
during Pregnancy and Ketosis  
Major Adviser, Prof. M. H. Roepeke

**James John Jezeski**  
B.S. with distinction '40, M.S. '42, University of Minnesota  
Major, Bacteriology  
Minor, Agricultural Biochemistry  
Thesis, A Study of the Fat-oxidizing Enzymes of Bacteria  
Major Advisers, Profs. H. O. Halvorson and Harold Macy

**Chien-Pen Lo**  
B.S. '35, National Tsing Hua University  
Major, Organic Chemistry  
Minor, Pharmaceutical Chemistry  
Thesis, The Preparation and the Jacobsen Reaction of Some 6,7-Dialkyltetralins  
Major Adviser, Prof. L. I. Smith

**Richard Martin Marwin**  
B.A. cum laude '41, M.S. '43, University of Minnesota  
Major, Bacteriology  
Minor, Pathology  
Thesis, A Survey of Candida Albicans on Normal and Pathological Skin Surfaces  
Major Adviser, Prof. C. E. Skinner

**Dorothy McClure Merideth**  
B.S. '30, Northeast Missouri State Teachers College  
M.A. '38, University of Missouri  
Major, History  
Minor, Education  
Thesis, Social Origins of the Humanist Educational System in Renaissance Italy  
Major Adviser, Prof. A. C. Krey

**John Walter Rebuck**  
B.A. magna cum laude '35, Creighton University  
M.A. '40, University of Minnesota  
Major, Anatomy  
Minor, Pathology  
Thesis, Cytology of Acute Inflammation in Man as Demonstrated by Two Original Technical Procedures with Particular Reference to the Role of Lymphocytes  
Major Adviser, Prof. Hal Downey

**Heinz Adolf Siedentopf**  
B.A. '38, M.S. '41, University of Minnesota  
Major, Bacteriology  
Minor, Pathology  
Thesis, Immunological Characteristics of the Fox Encephalitis Virus  
Major Advisers, Dr. R. G. Green and Prof. H. O. Halvorson

**John Edward Stukel**  
B.Ch.E. with distinction '40, University of Minnesota  
Major, Metallurgy  
Minor, Physical Chemistry  
Thesis, Equilibrium in the System Manganese-Silicon-Oxygen  
Major Adviser, Prof. T. L. Joseph

**Cyril Sidney Stulberg**  
B.A. '43, M.S. '45, University of Minnesota  
Major, Bacteriology  
Minor, Biochemistry  
Thesis, Studies on the Growth of Polio-myelitis Viruses in Transplanted Embryonic Tissues  
Major Advisers, Dr. R. G. Green and Prof. H. O. Halvorson

**Lawrence Lee Vance**  
B.B.A. '32, M.A. '33, University of Minnesota  
Major, Economics  
Minor, Law  
Thesis, Applications of the Statistical Theory of Sampling to Auditing Procedure  
Major Adviser, Prof. E. A. Heilman

**John Arthur Zivnuska**  
B.S. '38, M.S. '40, University of California  
Major, Agricultural Economics  
Minor, Forestry  
Thesis, Business Cycles, Building Cycles, and the Development of Commercial Forestry in the United States  
Major Adviser, Prof. W. C. Waite

## DOCTOR OF PHILOSOPHY

### *In Medicine*

Harry Francis Colfer

B.A. '40, Montana State University

M.D. '43, Marquette University

Major, Medicine

Minor, Physiology

Thesis, The Relationship between the Distribution of Cerebral Cortical Electrolytes and the Convulsogenic Mechanism: An Investigation by Means of Microincineration and Microcrystallographic Analysis, and by Studies of the Responses of Animals to Diets of Altered Mineral Content and to Desoxycorticosterone Acetate

Major Adviser, Dr. H. E. Essex

## DOCTOR OF PHILOSOPHY

### *In Neurological Surgery*

Donald Ray Simmons

B.A. '39, M.D. '43, Wayne University

M.S. in Neurol. Surgery '47, University of Minnesota

Major, Neurological Surgery

Minor, Neuropathology

Thesis, Cerebral Edema Associated with Brain Tumors and Abscesses

Major Adviser, Dr. W. T. Peyton

## DOCTOR OF PHILOSOPHY

### *In Surgery*

Ivan Donald Baronofsky

B.A. '38, University of California

M.D. '43, Marquette University

Major, Surgery

Minor, Pathology

Thesis, Portal Hypertension with Special Reference to the Acid-Peptic Factor in the Causation of Hemorrhage

Major Adviser, Dr. O. H. Wangensteen

Ralph Alden Deterling, Jr.

B.A. '38, M.D. '41, Stanford University

M.S. in Surgery '46, University of Minnesota

Major, Surgery

Minor, Experimental Surgery

Thesis, I. The Morbid Anatomy and Pathologic Physiology of Arteriovenous Fistula. II. Experimental Renal Hypertension, and Its Course Following the Production of an Arteriovenous Fistula

Major Adviser, Dr. H. E. Essex

Arnold James Kremen

B.S. '37, M.D. '38, University of Minnesota

Major, Surgery

Minor, Pathology

Thesis, The Problem of Parenteral Nitrogen Administration in Surgical Patients with Special Consideration of Preoperative Preparation and of the Means of Effecting Favorable Nitrogen Balance

Major Adviser, Dr. O. H. Wangensteen