

FRIDAY, MARCH THIRTEEN

NINETEEN HUNDRED AND SIXTY-FOUR

The
Winter
Commencement
of
Michigan
State
University

UNIVERSITY AUDITORIUM

•

EAST LANSING

The Winter Commencement of Michigan State University

ACADEMIC COSTUME

The pageantry and color at commencement exercises reveal a record of academic achievement of the various individuals taking part in the exercises. The following brief description is given that the audience might more readily interpret such achievement.

In 1895, the Intercollegiate Commission, a group of leading American educators, met at Columbia University to draft a code which would serve to regulate the design of gowns and hoods indicating the various degrees as well as the colors to indicate the various faculties. This code has been adopted by most of the colleges and universities in America and its use has made identification of scholastic honors an immediate activity

Three types of gowns are indicated by the code. Those worn by the bachelors are made of black worsted material and have long, pointed sleeves. Those worn by masters may be made either of black silk or black wool and have long, closed sleeves with the arc of a circle near the bottom. The arm goes through a slit, giving the appearance of short sleeves for the master's gown. Doctor's gowns are made of black silk and are faced with velvet. The sleeves are full, round and open with three bars of velvet on each sleeve. The velvet facing of bars on the sleeves may be black or the same color as the binding of the hood.

Hoods are made of material identical with the gown and are lined in the official academic

color of the institution conferring the degree. If the institution has more than one color, the chevron is used to introduce the second color. Colored velvet or velveteen binds the hoods and indicates the department or faculty to which the degree pertains.

Historical associations of color have been continued to signify the various faculties. Art and letters can be recognized by the white, taken from the traditional white fur trimming of the Oxford and Cambridge Bachelor of Arts hoods. Red, long traditional of the church, indicates theology. The royal purple of the King's court signifies law. The green of medicinal herbs immediately identifies a medical degree. Philosophy is signified by the color of wisdom and truth, blue. Because through research untold wealth has been released to the world, science is identified by golden yellow. Oxford pink indicates music and russet brown, the color of dress worn by ancient English foresters, indicates forestry.

The color of the velvet of the hood is distinctive of the subject to which the degree pertains. For example, the trimming for the degree of Master of Science in Agriculture should be maize, representing agriculture, rather than golden yellow, representing science.

At Michigan State University, it is customary to identify the bachelors graduating from the different departments of study by tassels of the official department color as established by the Intercollegiate Code.

COLLEGE OF AGRICULTURE	Maize
Forest Products, Forestry, Packaging	Russet
COLLEGE OF ARTS AND LETTERS	White
Music	Pink
Philosophy	Navy Blue
COLLEGE OF BUSINESS	Drab
COLLEGE OF COMMUNICATION ARTS	Royal Blue
Journalism	Crimson
Speech	Silver Gray
COLLEGE OF EDUCATION	Light Blue
COLLEGE OF ENGINEERING	Orange
COLLEGE OF HOME ECONOMICS	Maroon
COLLEGE OF NATURAL SCIENCE	Golden Yellow
Nursing	Apricot
COLLEGE OF SOCIAL SCIENCE	Citron
Economics	Copper
COLLEGE OF VETERINARY MEDICINE	Dark Gray

ORDER OF CEREMONIES

PROCESSIONAL

OVERTURE TO THE MASTERSINGERS *Wagner*
MICHIGAN STATE UNIVERSITY ORCHESTRA — DR. GOMER L. JONES, *Director*

AMERICA *Smith*

My country, 'tis of thee,
Sweet land of liberty,
Of thee I sing:
Land where my fathers died,
Land of the Pilgrims' pride,
From ev'ry mountain side
Let freedom ring!

INVOCATION

THE REVEREND TRUMAN MORRISON
Edgewood United Church

ADDRESS

WALTER P. REUTHER, LL.D., HH.D.
President, United Automobile, Aerospace and Agricultural Implement Workers

SYMPHONY

NUMBER 93 IN D MAJOR (FIRST MOVEMENT) *Haydn*

CONFERRING OF DEGREES

JOHN A. HANNAH, D. AGR., LL.D., HH.D., L.H.D., D.Sc.
President, Michigan State University

ALMA MATER *Traynor*

M.S.U., we love thy shadows	When from these scenes we wander
When twilight silence falls,	And twilight shadows fade,
Flushing deep and softly paling	Our mem'ry still will linger
O'er ivy-covered halls.	Where light and shadows played.
Beneath the pines we'll gather	In the evening oft we'll gather
To give our faith so true,	And pledge our faith anew,
Sing our love for Alma Mater	Sing our love for Alma Mater
And thy praises, M.S.U.	And thy praises, M.S.U.

BENEDICTION

THE REVEREND MR. MORRISON

RECESSIONAL

TRUMPET TUNE AND AIR *Purcell*
TRUMPET VOLUNTARY *Purcell*
M.S.U. SYMPHONY ORCHESTRA — BYRON AUTREY AND KEITH AMSTUTZ, *Soloists*

The escorts for the procession are members of Mortar Board, the honor society for senior women.
The audience is requested to remain seated while those in the procession are entering and leaving the auditorium.

BOARD OF TRUSTEES

Michigan State University operates under the jurisdiction of a constitutional body known as the Board of Trustees. The eight elected members serve eight-year terms. Two are elected biennially from the state at large.

The President of the University is appointed by the Board and is by constitutional provision the presiding member of the body.

The Board likewise appoints a Secretary and a Treasurer.

The Board has general supervision of the University and the control and direction of all expenditures of University funds.

THE HONORABLE CONNOR D. SMITH, <i>Chairman</i>	Pinconning
THE HONORABLE C. ALLEN HARLAN	Detroit
THE HONORABLE WARREN M. HUFF	Plymouth
THE HONORABLE FRANK MERRIMAN	Deckerville
THE HONORABLE STEPHEN S. NISBET	Fremont
THE HONORABLE DON STEVENS	Okemos
THE HONORABLE PAUL D. BAGWELL	Detroit
THE HONORABLE JOHN S. PINGEL	Grosse Pointe

JOHN A. HANNAH, <i>Ex Officio, President</i>	East Lansing
JACK BRESLIN, <i>Secretary</i>	East Lansing
PHILIP J. MAY, <i>Treasurer</i>	East Lansing

MICHIGAN STATE UNIVERSITY

Michigan State University, one of the leading land-grant universities and the first agricultural college in America, strives for excellence in affording liberal and practical education for its students in a broad range of human endeavors.

MSU also serves people of the state, nation and world through its numerous research, extension and international programs.

Now in its 110th year, Michigan State has grown from three buildings and six faculty members to one of the ten largest universities in the nation. It has approximately 2,500 staff members engaged in teaching, research and public service, 435 buildings, and 4,710 acres of land, including 1,440 acres in the campus and housing area and 420 more in planned development.

Founded in 1855 to educate youth for the major occupation of that day—farming—MSU has broadened its offerings to meet the educational needs of young people today. Michigan State now has the School for Advanced Graduate Studies and 11 colleges—Agriculture, Arts and Letters, Business, Communications Arts, Education, Engineering, Home Economics, Natural Science, Social Science, Veterinary Medicine and the University College—which offer basic courses for all freshmen and sophomores. Nearly 200 areas of specialization are available to undergraduates; approximately 300 are offered for graduate students.

More merit scholars were in the freshman class at Michigan State University this year than were admitted to any other university. A leading attraction for them is the Honors College, which enables superior students to waive normal graduation requirements and undertake individual programs.

One of the newest of the many innovations in higher education made by Michigan State University is its academic-coeducational residence halls. Incorporation of classrooms and faculty offices with living, dining and recreational facilities has given these giant new dormitories an academic emphasis that helps students learn. Four of these residence halls are now occupied and two more will be opened in September. The academic-coeducational arrangement has worked so well that it will be carried one step further this fall when three of the six new residence halls will be reserved primarily for upper classmen. Each of these halls will be the center of curricular and noncurricular activities for a college, creating a "college within a college" atmosphere.

Today, more than 27,000 students attend the University at East Lansing. About 80 per cent come from Michigan, representing every section of the state. Students from every state in the United States

and 90 foreign countries are also in attendance.

Looking to the future, Michigan State University is preparing for increasingly larger enrollments as the great number of children born during and after World War II reach college age. To meet this challenge MSU is revising curriculums and developing new teaching techniques through its Educational Development Project.

In the land-grant tradition it pioneered, Michigan State University is concerned with research and service as well as teaching.

All colleges and the Agricultural Experiment Station are engaged in a wide range of research. Some 1,600 individual projects are in progress. The University's research tools include the giant new Control Data 3600 Computer and a 50-million-volt cyclotron, which will begin operations this year. Facilities to be completed in 1964 include a \$6 million chemistry building, a \$5.2 million biochemistry laboratory, and an \$862,000 psychology research building. A \$4.7 million veterinary medicine building will be finished in 1965.

Through an agreement with the Atomic Energy Commission, MSU will become a national center for basic research on plants and their reactions to radiation. Involved is construction of a \$2 million building, a staff of about 90 persons and an annual budget of about \$1 million when the program is fully underway.

Benefits of the University are brought to every county in Michigan by the Cooperative Extension Service and the Continuing Education Service. Their programs, on and off campus, provide many kinds of technical information and formal course work for hundreds of thousands of Michigan citizens. The Kellogg Center for Continuing Education, one of the finest conference centers in the nation, annually hosts nearly 50,000 adults traveling to the campus for some 600 conferences and other educational meetings.

The land-grant concept of service is international. Supported by grants from the federal government and private foundations, Michigan State University maintains research and technical assistance projects at 13 educational institutions in Asia, Africa and South America. International projects have given many faculty members overseas experience, adding a new dimension to their teaching.

Through teaching, research and service in the agricultural, business and professional fields, Michigan State University daily proves its worth to the people of Michigan. Noted for its democratic and friendly spirit, the student body harmonizes with the University faculty to make Michigan State University one of the great educational institutions.

COLLEGE OF AGRICULTURE

The candidates will be presented by DEAN THOMAS K. COWDEN

DEGREE OF BACHELOR OF SCIENCE

William Warren Austin		Edward J. Huls	<i>Agricultural Mechanics</i>
	<i>Pomology and Vegetable Production</i>	Wilbur Corneal Johnson	<i>Fisheries and Wildlife</i>
Jack Deverick Bails	<i>Fisheries and Wildlife</i>	H † Michael Edward King	<i>Food Science</i>
Duane Neil Barnard	<i>Fisheries and Wildlife</i>	Thomas Arend Lenderink	
Dean Sheldon Blanchard	<i>Agricultural Mechanics</i>		<i>Wood Processing and Technology</i>
* William James Bolthouse		John Richard Lyons	<i>Fisheries and Wildlife</i>
	<i>Pomology and Vegetable Production</i>	Fred Michael Madsen	<i>Food Science</i>
Alan Karl Borkenhagen	<i>Packaging</i>	Robert Franklin Mannisto	<i>Animal Husbandry</i>
* James Allen Bruce	<i>Multiple-Use Forestry</i>	Roger Alan Martz	<i>Fisheries and Wildlife</i>
Leroy Wallace Burgeson	<i>Fisheries and Wildlife</i>	Donald Edward McBryant	<i>Packaging</i>
Gerald Lee Cooper	<i>Fisheries and Wildlife</i>	Jon Fredrick Merchant	<i>Residential Building</i>
Birney Lee Crosby	<i>Agricultural Economics</i>	Thomas Owen Mitchel	<i>Mobile Homes</i>
Mary Lynnette Dast	<i>Fisheries and Wildlife</i>	John Fisk Morrish	<i>Packaging</i>
Glen William Diesing	<i>Agricultural Mechanics</i>	Perez Malande Olindo	<i>Fisheries and Wildlife</i>
Martin Alexis DiLoreto	<i>Packaging</i>	Thomas Keith Ondrus	<i>Packaging</i>
David Alan Dilts	<i>Park Management</i>	Robert L. Sabourin	<i>Floriculture</i>
Robert Lee Eder	<i>Agricultural Economics</i>	Charles Russel Schriner	<i>Packaging</i>
Richard Dean Erickson	<i>Agricultural Mechanics</i>	Durell Walter Scott	<i>Agricultural Mechanics</i>
Robert Harrison Fargher	<i>Residential Building</i>	Joseph John Stempek	<i>Mobile Homes</i>
John Jay Ferris	<i>Multiple-Use Forestry</i>	Ronald M. Summers	<i>Packaging</i>
Grant Joseph Fettig	<i>Poultry Science</i>	George Adelbert Swartz	<i>Residential Building</i>
Richard James Frank	<i>Packaging</i>	James William Timmerman	<i>Soil Science</i>
David William Galvin	<i>Fisheries and Wildlife</i>	David Jon Tooker	<i>Packaging</i>
Allan Kyle Green	<i>Multiple-Use Forestry</i>	David Earl Tubbs	<i>Multiple-Use Forestry</i>
Donald Ned Groves		Wendell Gene Vander Ploeg	<i>Packaging</i>
	<i>Wood Processing and Technology</i>	Robert Michael Vuilleminot	<i>Packaging</i>
Jack David Harby	<i>Residential Building</i>	John Richard Walton	<i>Packaging</i>
John R. Hesselink	<i>Food Science</i>	Willy Ray Wilson	<i>Packaging</i>
Dale Herman Hopp	<i>Packaging</i>	Robert Michael Zabonick	<i>Residential Building</i>
* Paul Thomas Horn	<i>Crop Science</i>	Nathan Conrad Zimmerman	<i>Dairy Production</i>

DEGREE GRANTED JOINTLY WITH THE COLLEGE OF EDUCATION — AGRICULTURAL EDUCATION

Edward Aloysius Birkmeier
John Stephen Kent
Donald Lee Munger

H * John Louis Okay
Robert Ward Wiles

DEGREE OF MASTER OF SCIENCE

Paul D. Adams *Fisheries and Wildlife*
Richard William Daniels *Animal Husbandry*

Ian Bain Flann *Forest Products*
Trygve Graee *Agricultural Mechanics*

H Honors College
* With Honor
† With High Honor

COLLEGE OF AGRICULTURE

DEGREE OF MASTER OF SCIENCE (Continued)

Richard Lee Harlan	<i>Forestry</i>	Benoy Rumar Mukherjee	<i>Crop Science</i>
Leland Don Lambert	<i>Agricultural Economics</i>	Yolanda Esther Nino	<i>Food Science</i>
Fang Hui Liao	<i>Soil Science</i>	Jerrold Linden Nye	<i>Agricultural Economics</i>
Edward James Lynch	<i>Crop Science</i>	Orlando Valentin Sanchez	<i>Crop Science</i>
John MacLeod	<i>Animal Husbandry</i>	Yagya Nand Sinha	<i>Dairy</i>
Willard Lee McLeod	<i>Agricultural Economics</i>	Samuel Galen Unger	<i>Agricultural Economics</i>
Julius Henry Miller	<i>Food Science</i>	Nydia G. Villegas	<i>Agricultural Economics</i>
Jose Moreno Montoya	<i>Crop Science</i>	Robert Newell Wisner	<i>Agricultural Economics</i>
Bruno Carl Moser	<i>Horticulture</i>	Bruce Arden Wittrup	<i>Forest Products</i>

DEGREE GRANTED JOINTLY WITH THE COLLEGE OF ENGINEERING

Harold C. Wu *Agricultural Engineering*

COLLEGE OF ENGINEERING

The candidates will be presented by **DEAN JOHN D. RYDER**

DEGREE OF BACHELOR OF SCIENCE

Donald Raymond Baker *Civil Engineering*
 *Dwight Edward Barlow *Mechanical Engineering*
 *Ronald Eugene Dull *Mechanical Engineering*
 Richard Herman Hanewald *Metallurgical Engineering*
 *Surinder Kapur *Mechanical Engineering*
 Sergio Kavalhuna *Mechanical Engineering*
 Andrejs Kruklitis *Electrical Engineering*
 Kenneth Lewis La Grand *Mechanical Engineering*

Dennis Alan Muirhead *Mechanical Engineering*
 Arthur Raymond Neibarger *Mechanical Engineering*
 Richard Norman Steenis *Electrical Engineering*
 *Charles Andrew Stoll *Civil Engineering*
 Gaidis Tirums *Civil Engineering*

DEGREE GRANTED JOINTLY WITH THE COLLEGE OF AGRICULTURE

Jerry Myrl Zimmerman
Agricultural Engineering

DEGREE OF MASTER OF SCIENCE

Gary Alexander Cervo *Mechanical Engineering*
 Mu-Chuan Chen *Electrical Engineering*
 Richard J. Cramer *Mechanical Engineering*
 Kui Yong Park *Mechanical Engineering*
 Kishorchandra Pragdas Patel *Civil Engineering*
 Achyut Gangadhar Patwardhan *Civil Engineering*

Manharlal Laxmichand Shah *Electrical Engineering*
 William Frederick Shutler *Electrical Engineering*
 Ewald Timon Van Wieren *Mechanical Engineering*

*With Honor

COLLEGE OF HOME ECONOMICS

The candidates will be presented by DEAN THELMA E. PORTER

DEGREE OF BACHELOR OF SCIENCE

Ann Marie Temple Balcam	H *Patricia Ann Kleinknecht
<i>General Home Economics</i>	<i>General Home Economics</i>
Diane Berger	Barbara June Koehn
<i>Retailing of Textiles and Clothing</i>	<i>Home Furnishings</i>
Lucy Anne Carroll	Concetta Anne Micale
<i>General Home Economics</i>	<i>General Home Economics</i>
Sally Ann Costley	Marsha Lee Mills
<i>Retailing of Textiles and Clothing</i>	<i>Retailing of Textiles and Clothing</i>
Vicki Lee Gates	Carole Jean Nicholson
<i>Retailing of Textiles and Clothing</i>	<i>Retailing of Textiles and Clothing</i>
*Sharon Elizabeth Anne Kappel	Janice Irene Sneesby
<i>Retailing of Textiles and Clothing</i>	<i>Home Economics Extension</i>
	Judith Lynn Sprayman
	<i>General Related Arts</i>

DEGREE GRANTED JOINTLY WITH THE COLLEGE OF EDUCATION

Ann Marie Arend	Patricia Mable Horn
<i>Home Economics Teaching</i>	<i>Child Development and Teaching</i>
Bonnie Carol Baker	Frana Tritle Potter
<i>Home Economics Teaching</i>	<i>Child Development and Teaching</i>
Mary Ellen Burness	Alice Swing Rowe
<i>Child Development and Teaching</i>	<i>Home Economics Teaching</i>
Mary Dimeck	Sue Ann Sprowl
<i>Home Economics Teaching</i>	<i>Home Economics Teaching</i>
Joyce Marguerite Dunkle	Stephanie Campbell Sumner
<i>Home Economics Teaching</i>	<i>Child Development and Teaching</i>
Lesley Kay Ellward	Barbara Diana Verral
<i>Home Economics Teaching</i>	<i>Home Economics Teaching</i>
*Sharon Lynn Hawley	Beverly Ann Weller
<i>Child Development and Teaching</i>	<i>Home Economics Teaching</i>
Diana Ruth May Hicks	
<i>Home Economics Teaching</i>	

DEGREE OF MASTER OF SCIENCE

Charlotte Ann Felsted	Rita Schuler Rood
<i>Institution Administration</i>	<i>Institution Administration</i>

COLLEGE OF VETERINARY MEDICINE

The candidates will be presented by DEAN WILLIS W. ARMISTEAD

DEGREE OF BACHELOR OF SCIENCE

David Lynn Luhring *Veterinary Medicine*

DREGREE OF DOCTOR OF VETERINARY MEDICINE

John W. Arbaugh
Joseph Baillargeon, Jr.
Thomas Joseph Barrett, Jr.
*Donald Edward Bixby, Jr.
*Archie J. Conkey
Donald Wells DeYoung
Gordon Wayne Fish
Robert E. Foley
*William Alvin Freitag
Beverley Jean Frommert
Merrill Edgar Frownfelter

Richard Glenn Gremel
†Arthur Isaac Hurvitz
Stephen August King
Edward Charles Liebler
Floyd Maynard Lindquist, Jr.
*Ann Marion Lucas
George Elliot Malarney
Thomas Paul Piekunka
Dennis Bradley Pinkston
David James Remondini
Paul Llewellyn Roullard

DEGREE OF MASTER OF SCIENCE

Samuel M. Getty *Surgery and Medicine*
Kartika Kartawiria *Anatomy*
Dineshwar Prasad Sinha *Surgery and Medicine*

Ram Das Sinha *Anatomy*
Larry J. Wallace *Veterinary Pathology*

° With Honor
† With High Honor

COLLEGE OF BUSINESS

The candidates will be presented by **DEAN ALFRED L. SEELYE**

DEGREE OF BACHELOR OF ARTS

Joseph Gerald Abramowski <i>General Business Administration</i>	John Joseph Connolly, Jr. <i>General Business Administration</i>
Daniel Peter Alfonso <i>Hotel, Motel and Club Management</i>	Gene Alan Crouse <i>General Marketing</i>
Alexander Wayne Anderson <i>General Business Administration</i>	Douglas McClay Davidson <i>General Marketing</i>
Darryl Eugene Apps <i>Transportation Administration</i>	Ralph Leonard Day <i>General Business Administration</i>
Martin William Arlen <i>Restaurant Management</i>	William Russell Deutsch <i>General Business Administration</i>
Nelson William Armstrong, Jr. <i>Accounting</i>	Lyle William DeYoung <i>General Business Administration</i>
David Arthur Atlee <i>Hotel, Motel and Club Management</i>	John Spencer Duncan <i>Production Administration</i>
Robert Harwood Baylis <i>Personnel Administration</i>	Gary Dean Edwards <i>General Business Administration</i>
Ralph Clayton Bird, III <i>General Business Administration</i>	Cherrie Weight Emmanuel <i>Executive Secretarial Administration</i>
William Earl Bogard, Jr. <i>General Business Administration</i>	D. Ray Engleman <i>Accounting</i>
David Monash Bottrill <i>Hotel, Motel and Club Management</i>	Bernard Thomas Estfan <i>General Marketing</i>
James Russell Brewer <i>General Marketing</i>	Kenneth Stephan Farr <i>General Marketing</i>
*John Eugene Briggs <i>Hotel, Motel and Club Management</i>	Donald Charles Fletcher <i>Personnel Administration</i>
Leslie Alan Brill <i>General Business Administration</i>	Charles Donald French <i>Transportation Administration</i>
Edward Joseph Brockman <i>Transportation Administration</i>	*Ronald R. Fuller <i>Accounting</i>
Douglas Allen Burgess <i>Accounting</i>	Ned Rudolph Gilardino <i>Hotel, Motel and Club Management</i>
Donald Duane Byerly <i>Food Marketing Management</i>	Clair William Green <i>General Business Administration</i>
Chapman Roosevelt Cannon, Jr. <i>Transportation Administration</i>	Neil Gordon Guiles <i>General Business Administration</i>
Bruce James Carnick <i>General Business Administration</i>	Gordon L. Gullicksen <i>Accounting</i>
David Ewig Casebeer <i>General Business Administration</i>	John Peter Hanzas <i>Restaurant Management</i>
Lindus LaRell Caulum, II <i>Hotel, Motel and Club Management</i>	Hajime Hara <i>General Marketing</i>
Raymond Lester Champ <i>Institutional and Hospital Management</i>	Lawrence Francis Harding, Jr. <i>General Business Administration</i>
Roger William Cheeseman <i>Accounting</i>	John Paul Hauch <i>Hotel, Motel and Club Management</i>
Henry William Collier <i>Production Administration</i>	H † Joel Howard Heath <i>Accounting</i>
Michael Dennis Connaughton <i>Restaurant Management</i>	LeRoy Allen Heinz <i>Financial Administration</i>
	Keith Jon Hess <i>Accounting</i>
	William Henry Hillerman <i>General Business Administration</i>
	Richard L. Hinkelman <i>Hotel, Motel and Club Management</i>

H Honors College
• With Honor
† With High Honor

DEGREE OF BACHELOR OF ARTS (Continued)

H *Raymond Henry Arnold Huberts
Food Marketing Management
 Burnett Nelson Johnston
Hotel, Motel and Club Management
 Larry Arthur Jones *Accounting*
 H †David Allan Kaplan
General Business Administration
 Daniel John Keating, Jr.
Production Administration
 William Joseph Keilen
Production Administration
 Joseph Randolph Kern
General Business Administration
 Kazuo Kikuchi
General Business Administration
 David Wayne Kiser
General Business Administration
 Philip Curtis Koehn *General Marketing*
 Martin Stuart Kopstein *Accounting*
 H †Jerome Charles Langham *Accounting*
 Marilyn Linsenmann *Personnel Administration*
 *Arthur Albert Loesel
General Business Administration
 Von Douglas Logan *General Marketing*
 Thomas Jeffrey Lyon
General Business Administration
 *John Corbin Malley
General Business Administration
 *Thomas Edward Martin *Accounting*
 *Betty Lynn Mason *Accounting*
 Roy Glenn Mathews, Jr.
General Business Administration
 Roy Joseph Meier
Hotel, Motel and Club Management
 David Edward Modeen
General Business Administration
 Michael Allyn Moon *General Marketing*
 Craig MacDonald Moore
General Business Administration
 Douglas Oscar Neff
General Business Administration
 Brent H. Nettle *General Marketing*
 Barbara Leona Nitecki
Executive Secretarial Administration
 *Doris Elaine Oliphant
Executive Secretarial Administration
 John Edward Papernik
General Business Administration
 Jack Dale Patrick *Accounting*
 Sally Maurine Patterson
General Business Administration

*Louis Emery Pelletier
Hotel, Motel and Club Management
 John Gary Piceu
General Business Administration
 Shrikumar Poddar
General Business Administration
 Thomas Gary Pratt
Hotel, Motel and Club Management
 Ronald Louis Provus
Hotel, Motel and Club Management
 Ronald Norman Rademacher *General Marketing*
 Martha Anne Ream
Executive Secretarial Administration
 William Louis Riehl *General Marketing*
 William Travers Riepe
Hotel, Motel and Club Management
 William Ryan Ritchie *General Marketing*
 Larry Joel Rosenquist
Hotel, Motel and Club Management
 Edward Lionel Ruby *Accounting*
 Alan Francis Rybak
Food Marketing Management
 David William Segelstrom
General Business Administration
 H †Bruce Henry Seyburn
General Business Administration
 Raymond James Smith *General Marketing*
 William Richard Sprow *Accounting*
 Robert Wallace Stetler *Accounting*
 Lawrence Delbert Storie *Accounting*
 *Douglas Lee Stowitts *Accounting*
 *Russell Joseph Thompson
Institutional and Hospital Management
 Richard Ernest Tomlinson
Industrial Administration
 John Edward Turbeville
General Business Administration
 Raymond Waldmiller
General Business Administration
 Mary Rachel Walls
General Business Administration
 Michael James Walsh
Transportation Administration
 H †Thomas Damien Wanner
Industrial Administration
 John Dennis Weisbruch
General Business Administration
 Gordon Raymond Wells
General Business Administration
 Stephen Albert White *General Marketing*

H Honors College
 * With Honor
 † With High Honor

COLLEGE OF BUSINESS

DEGREE OF BACHELOR OF ARTS (Continued)

John Frederick Willemse
Restaurant Management
Jerry Patrick Wolford *Accounting*
Larry Alvin Wondero *General Marketing*
*David Yau Wong
General Business Administration

Barry H. Young *Restaurant Management*
George Robert Zambiasi
General Business Administration
Martin David Zuckerman *General Marketing*

DEGREE RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION — BUSINESS EDUCATION

Harlan Eric Blomquist
†Carolyn Jean Carpenter
Dennis Michael Fitzgerald
Marvin E. Hess
Joan Marie Lesniak

Margaret Ann Soulliere
Lucille Anne U'Ren
*Jane Ann Van Etten
Sonja Lou Walker

DEGREE OF MASTER OF ARTS — Business Administration

Ernest Leo Bebb, Jr.
Charles James Demos
Hermann Nuyken
John Evans Peck

Frederick Boiten Plasman
Robert Hal Ruble
Zoe Peckman Slagle
Hamilton Madureira Vilela

GRADUATE SCHOOL OF BUSINESS ADMINISTRATION

DEGREE OF MASTER OF BUSINESS ADMINISTRATION

Robert Massimo Abruzzi
Bret George Bell
Richard Lee Bellow
Telmo Raul Blauth
David Cyril Christie
Arthur Ward Cornwell
John Randall Cribbs
Robert L. Cutler
Dale J. Dailey
Noshir Jehangir Daruvalla
John Pearson DeGarmo
Thomas Edward Donovan
Robert Malcolm Duncan
Norman E. Frye
Edward Roy Gallagher
James Rowland Hedges
Patrick O. Homant

Daniel Stanley Janicki
James Richard Jones
Martin Thomas Kallighan
Noel Edward Kurth
Theodore Thomas Latz
John Murwyn Mason, Jr.
Carolyn Charlotte Mueller
John Carl Nelson
Leonard Dalton Orr
Richard C. Rusthoven
Ishwer C. Shah
George Oliver Smith
Terrence Clare Smith
John Patrick Stokes, III
Robert Edmund Visscher
Stanley Gordon Wheeler

H Honors College

• With Honor

† With High Honor

COLLEGE OF EDUCATION

The candidates will be presented by DEAN JOHN E. IVEY, JR.

DEGREE OF BACHELOR OF ARTS – Elementary Education

- | | |
|----------------------------|----------------------------|
| *Barbara Mary Agocs | W. Ferne Hurd |
| Sandra Anne Balconi | *Hyacinth Maxine Husbeck |
| Judith May Barber | Ruth Alice Jackson |
| Patricia Louise Barrack | Joanne Leah Jamroz |
| Carol Marie Bartley | *Sherren Kay Jones |
| *Virginia Hamilton Bell | Carol Krezel Keller |
| Bonnie R. Bernfeld | *Kathie Irene Ketchum |
| Diane Marie Biera | Jonalee Ruth Kowalske |
| H †Julie Ann Bock | Karen Alice Kralowetz |
| H †Barbara Jean Brady | Patricia Joan Larson |
| Elinor Louise Browne | *Rene Latzer |
| Francis Ogden Burk | Mary Ellen Maidlow |
| Harriet Judy Carnick | Judith Benjamin Mann |
| Donna Bryant Carter | Richard N. McEnaney |
| Linda Jane Cary | Mary Ellen McGeath |
| *Catherine Jean Cobb | Patricia Ann McIsaac |
| Cherri Lynne Collinge | Ruth M. Milligan |
| Bettie Karen Crable | Carol Anne Natharius |
| *Catherine Jean Crockett | *Rosanna Teresa Niedermier |
| Patsy Ann Crow | Mary Ann Omer |
| *Rosemary Anne Czarny | Louise I. Paine |
| †Linda Lee Dawson | George Harry Rosingana |
| Marjorie Lehr Deppong | Kimberley Roberts Sankey |
| Mona L. Dunkel | Jan Michele Scott |
| Phyllis Jean Edwards | Susan Marie Seibert |
| Kay Ann Fager | Marion Linda Seligson |
| Karen Kay Folkmier | Judy Ann Sellek |
| Penelope Louise Forsen | H †Sylvia June Sikkenga |
| Gerald William Fuller | Karen Rose Smith |
| Roxie Caldonia Gardner | *Kathleen Margaret Smith |
| Leona Kay Gates | Anne Solomon |
| Katherine Marie Giacometto | Mary Louise Stace |
| *Kathleen S. Gilbert | *Marilyn Louise Swart |
| Sandra Lou Gilmore | Patricia May Thornton |
| Ruth Joan Goldberg | Mary Beth Wagoner |
| Dorothy Hean Harris | Jane Maxine Walker |
| Cynthia Neihardt Hart | Maria Waybridge |
| Roberta Eileen Hill | *Dianne Borsum Westfall |
| Lynne Humphreys | Sharon Kay Winans |
| Connie Anne Hungerford | Susan Elizabeth Woods |

H Honors College
• With Honor
† With High Honor

COLLEGE OF EDUCATION

DEGREE OF BACHELOR OF SCIENCE

Buhl Herbert Burton	<i>Physical Education</i>	James Burton Middleton	<i>Physical Education</i>
Stuart Lee Capling	<i>Recreation</i>	Bert Olah	<i>Physical Education</i>
Lucy Ann Fomenko	<i>Physical Education</i>	Bernard Bruce Palmateer	<i>Physical Education</i>
Theodore Campbell Guthard	<i>Physical Education</i>	Gerald Lee Reynolds	<i>Physical Education</i>
Irma Oleta Hill	<i>Health Education</i>	Ronald D. Roberts	<i>Industrial Arts</i>
Jerome Edward Hoffman	<i>Physical Education and Health Education</i>	Ronald Richard Ross	<i>Physical Education</i>
Okla Warren Johnson	<i>Physical Education</i>	*John Louis Seurynek	<i>Physical Education</i>
John Phillip Kemppainen	<i>Recreation</i>	Peter Henry Smith	<i>Physical Education</i>
Mary Margaret McConnell	<i>Recreation</i>	William Leon Thorp	<i>Recreation</i>
Gerald Ernest Medler	<i>Recreation</i>	Sharon Lynne Watson	<i>Physical Education</i>
		Edward William Youngs	<i>Physical Education</i>

DEGREE OF MASTER OF ARTS — Education

Therezinah Marie Mello Barreto	Natalie Ruth Kreeger
Donna Davis Berryman	Lyle J. Layer
Ray A. Bowman	Nancy K. W. Ma
Louis Wayne Brown	Joseph Albert McKeown, Jr.
Donald James Cardinal	Robert Charles McLeod
Donald Francis Cascarelli	Wilma Jean Montle
John Walter Chopard	Michael Francis Moran
David Kenneth Clum	Arlene Joyce Nichols
Theodore John Corombos	Mary Katherine Rogers
Kenneth Douglas Coutts	Catherine Joyce Sellmyer
Lana Gertrude Dart	Keith Edward Schirmer
Lucinda Coulter Dupree	Jean Currier Skamser
Thomas Howard Englund	Patrick Byrnes Smith
Richard Lee Fitzgerald	Richard Boyd Smith
Kenneth Fridsma	John Patrick Spaun
Frederick Sherman Gable	Floyd Raymond Stowe
Ronald Walter Gilbertson	Gladys I. Strahl
Wade C. Hager	Norma Wake Tennant
Velma Goodpaster Hayes	Victor Nels Toivonen
Gail G. Helgemo	Catherine Palfrey Truog
Richard Arthur Holmes	Foster Martin Van Vliet, Jr.
Louise Brooks Honey	Karen Elizabeth Vogt
Donald John Hudak	Betty Coeling Walsh
Paula Dorothy Johnston	Rachel Alice Weiss
Lenore May Kalenda	Robert Wayne Wellfare
Richard Allen Kanehl	Janet Hoelzer Wicking
John Kapral	Leonard Don Wilkins
Barbara Eilander Klaasen	George Junior Zarka

• With Honor

COLLEGE OF COMMUNICATION ARTS

The candidates will be presented by DEAN FRED S. SIEBERT

DEGREE OF BACHELOR OF ARTS

Alaeddin M. Asna	Communication
Dennis Jan Balas	Advertising
Elisabeth Margolin Bassett	Advertising
William Lee Crouch, III	Television and Radio
Paul H. Cundari	Advertising
†Shari Lynn Dion	Television and Radio
Joanne LaLonde Dodick	Television and Radio
Phillip Evan Floyd	Advertising
Henry Wulf Fortenbaugh	Television and Radio
James Benjamin Fry	Advertising
Judith Mason Green	Communications
Ronald Lewis Grow	Television and Radio
John Peter Huestis	Advertising
†Mary Roberta Jackson	Television and Radio
James David Jones	Television and Radio
David Clarke Kimball	Advertising
Jacqueline Therese Korona	Journalism
Judith Ann Lanzafame	Television and Radio
Nadelle Anne Levine	Speech
*Hugh John McDonald	Journalism

H *Richard Douglas McLellan	Advertising
Nancy Branton Michael	Advertising
*John Robert Pelletier	Advertising
Don Raymond Pember	Journalism
Penelope Joy Roberts	Television and Radio
John Lea Rogers	Advertising
Carol Lee Sarno	Speech
*David Gene Schmeling	Television and Radio
Judith Ann Scholten	Television and Radio
*Mollie Feith Shorr	Speech
Michael Lynn Skinner	Journalism
Joy F. Sokeitous	Journalism
Paul Joseph Spinka	Advertising
Gordon Louis Steinhauer	Speech
Wayne Warren Stevens	Advertising
*Thomas Charles Thinnies	Journalism
Norman John Virag	Television and Radio
H*Carol Mildred Wallen	Journalism
William Bruce Wallis	Advertising
Tucker Lee Wiard	Television and Radio

DEGREE RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION — SPEECH

Kenneth Wilson Andrews, Jr.
*Bette Rae Blackburn
*Michael Vincent Doyle

Joseph Van Klier, Jr.
*Dorothy Ruth Nowka
Judith Lynn Wood Tokay

DEGREE OF MASTER OF ARTS

William Edwin Small, Jr. Journalism

H Honors College
° With Honor
† With High Honor

COLLEGE OF ARTS AND LETTERS

The candidates will be presented by DEAN PAUL A. VARG

DEGREE OF BACHELOR OF ARTS

H †Horace Hoffman Albaugh	<i>Classical Studies</i>	H †Michael Eric Levin	<i>Philosophy</i>
Forest Vernell Anderson	<i>History</i>	William L. Lowery	<i>History</i>
Loentine Virginia Beltz	<i>English</i>	H †Charles Frederick Marker	<i>Humanities</i>
Marinda Poole Bennett	<i>History</i>	Carol Christine Moore	<i>Art Practice</i>
Lynn R. Brussow	<i>History</i>	Tommy Lynn O'Brien	<i>Art Practice</i>
Daniela Giovanna Celli	<i>Humanities</i>	Robina Finlay Odenweller	<i>English</i>
Barbara Anne Dalton	<i>Spanish</i>	Cheryl Lee Oppenhuizen	<i>Music Therapy</i>
H Dianne C. Drosnes	<i>Humanities</i>	Sarah Ann Peyton	<i>English</i>
Scott Alan Fowler	<i>History</i>	*Mary Eleanor Price	<i>English</i>
Connie N. Franklin	<i>Music Therapy</i>	Pamela Marie Putnam	<i>Art Practice</i>
H †Ursula R. Franklin	<i>English</i>	Susan Leslie Radigan	<i>Art Practice</i>
Betty Sandra Glazer	<i>Music Therapy</i>	Michael James Rae	<i>History</i>
*Arthur Frank Grisham	<i>Philosophy</i>	*Douglas Lee Richey, Jr.	<i>Art</i>
Marjorie Grossman	<i>Humanities</i>	Anne Louise Robinson	<i>History</i>
Charles J. Heath, Jr.	<i>History</i>	Linda Lee Sisco	<i>History</i>
William Henry Hembel	<i>English</i>	Margaret Sean Sogan	<i>Humanities</i>
Albert Edward Hurd	<i>History</i>	Jan Opell Stewart	<i>Art Practice</i>
Daniel Kent Jamieson	<i>Humanities</i>	Jerry Lee Thayer	<i>Art Practice</i>
H *Richard Charles Jennings	<i>Philosophy</i>	Brigitte Utikal	<i>German</i>
Bonita Bryan Johnson	<i>Art Practice</i>	Jacqueline Louise Vallot	<i>French</i>
Joan Marie Keck	<i>Art and Letters</i>	Phyllis J. Pilon	<i>English</i>
H †Ann Greer Kirchner	<i>History</i>	†Peter James Zacharias	<i>Philosophy</i>
H †Rhoda Kay Kluge	<i>Humanities</i>	Mary Sperry Zimmerman	<i>Art Practice</i>
Andrew Steffan Knight	<i>History</i>		

DEGREE RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

John David Anderson	<i>Art Education</i>	Celia Barbara Marks	<i>English</i>
Joan Punches Applegate	<i>Spanish</i>	Kathryn May Welser	<i>English</i>
Arlene Carole Baldwin	<i>Art Education</i>	H †Marsha May Montgomery	<i>French</i>
H †Marjorie Ann Beatty	<i>French</i>	Bette Jane Morris	<i>Art Education</i>
Karen Louise Broucek	<i>French</i>	Frank Vernor Morris	<i>History</i>
*Karen Louise Christensen	<i>History</i>	Oliver James Patterson	<i>English</i>
Judith Lynne Decker	<i>Art Education</i>	Carol Ann Peck	<i>Spanish</i>
*George Griffith Dick	<i>English</i>	*Susann Southwell Pedersen	<i>History</i>
Roger E. Dunkel	<i>History</i>	Jeannine Marie Poirier	<i>Art Education</i>
Jeffrey Lou Evans	<i>History</i>	H †Barbara Ann Rainey	<i>Spanish</i>
Lawrence Michael Fetsco	<i>History</i>	Duane James Ross	<i>History</i>
Benjamin Edgar Hall	<i>English</i>	Karen Amber Schaedler	<i>English</i>
Janet Mildred Hilliker	<i>English</i>	*Judith Keller Shaffer	<i>Art Education</i>
Gayle Susan Jaffe	<i>History</i>	Rollin Michael Stoddard	<i>History</i>
*Kathleen Marie Klocko	<i>Art Education</i>	*Adele Cathleen Thorburn	<i>German</i>
Suzanne Marie Kneeland	<i>English</i>	Donna Ann Waterston	<i>English</i>
Stephen E. Kober	<i>Art Education</i>	Stewart Martin Weinstein	<i>History</i>
Grant Edmonds MacKenzie	<i>Art Education</i>	Ronald William Whitmore	<i>History</i>

H Honors College
 * With Honor
 † With High Honor

DEGREE OF BACHELOR OF ARTS (Continued)

DEGREE RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION (CONTINUED)

Nancy Anne Wilcox

English

DEGREE OF BACHELOR OF FINE ARTS

Margaret Anne Sheldon

Art

DEGREE OF BACHELOR OF MUSIC

*Douglas Frank Avery

School Music - Instrumental

*Jane Ann Smith

†Judith Ann Woodbury

*School Music - Choral**School Music - Choral*

DEGREE OF MASTER OF ARTS

David Pierce Beatty

Richard Wesley Brown

Paul N. Chardoul

*History**History**History*

Meihuei Wu Lee

Paul Charles Shaw III

*English**History*

DEGREE OF MASTER OF ARTS FOR TEACHERS

Charleen Corless King

English

* With Honor

† With High Honor

COLLEGE OF NATURAL SCIENCE

The candidates will be presented by DEAN RICHARD U. BYERRUM

DEGREE OF BACHELOR OF ARTS

Janice Lynn Diehl	<i>Mathematics</i>	Edward James Sprenger	<i>Chemistry</i>
H *Cornelia Anne Lewis	<i>Mathematics</i>	*Diane Irene Stephen	<i>Mathematics</i>
Alessio Guerrino Pretto	<i>Mathematics</i>		

DEGREE RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

*Gail Marie Brunson	<i>Mathematics</i>	†Karen Kimball Young	<i>Mathematics</i>
Cameron Maurice Carter	<i>Chemistry</i>		

DEGREE OF BACHELOR OF SCIENCE

H †Mary Fae Alegria	<i>Zoology</i>	*James William McCarthy	<i>Zoology</i>
Curtis Alan Bagne	<i>Physical Sciences</i>	Bryan Gabriel Minor	<i>Zoology</i>
H †Kay Enola Barks	<i>Mathematics</i>	H †Betty Jean Moore	<i>Zoology</i>
H †William Michael Bermingham	<i>Mathematics</i>	*Nancy Lynne Morton	<i>Microbiology and Public Health</i>
Dennis Ralph Boehm	<i>Chemistry</i>	Marion Ann Mossner	<i>Nursing</i>
*Daniel Ernest Britton	<i>Zoology</i>	*Marilyn Mae Nasberg	<i>Nursing</i>
H †Linda Sue Brody	<i>Zoology</i>	*Larry Lee Nicholson	<i>Zoology</i>
Charles David Church	<i>Mathematics</i>	Ruth Vivian Olson	<i>Nursing</i>
†Janice Kay Clark	<i>Zoology</i>	*Daniel Gerald Robbins	<i>Geology</i>
H *E. Jill Copeland	<i>Botany and Plant Pathology</i>	Martin Baer Schutzer	<i>Zoology</i>
*Thomas Glaze Easton	<i>Microbiology and Public Health</i>	Necia Ann Shaw	<i>Nursing</i>
Joseph Stanley Fedak	<i>Mathematics</i>	H †Carol Ann Slagter	<i>Physiology</i>
Conrad Alan Fjetland	<i>Mathematics</i>	John Whitney Slaughter	<i>Physical Sciences</i>
Terry Ross Frank	<i>Zoology</i>	Donald Irwin Speyer	<i>Zoology</i>
Robert Gerard Gatza	<i>Mathematics</i>	*Dirk Lodewyk Spillemaeckers	<i>Zoology</i>
*Jeffrey Ira Goltz	<i>Mathematics</i>	Mark F. Stinski	<i>Microbiology and Public Health</i>
*Stephen Riley Gudemoos	<i>Zoology</i>	H *Margaret Jean Thomas	<i>Mathematics</i>
Gerald Thomas Hedlund	<i>Mathematics</i>	David Michael Trent	<i>Zoology</i>
Emil David Hicks, Jr.	<i>Zoology</i>	Joan Kay Trinklein	<i>Nursing</i>
Julia Ho	<i>Mathematics</i>	*George Henry Van Amburg	<i>Physical Sciences</i>
Frank Meredith Jones	<i>Mathematics</i>	Thomas David Waggoner	<i>Geology</i>
Harry Emanuel Lansing	<i>Mathematics</i>	Ronald Lee Walker	<i>Mathematics</i>
Philip G. Lem	<i>Mathematics</i>	H *Judith Irene Zimmer	<i>Mathematics</i>
David Eli Lipton	<i>Zoology</i>		

H Honors College
 * With Honor
 † With High Honor

DEGREE OF BACHELOR OF SCIENCE (Continued)

DEGREE RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION

William Madison Dean	<i>Mathematics</i>	Edna Elizabeth Madison	<i>Mathematics</i>
June Marie Dremann	<i>Mathematics</i>	Jean Carol Niedermeier	<i>Mathematics</i>
Joseph Thomas Fenton	<i>Mathematics</i>	Philip Robert Owen	<i>Physical Sciences</i>
Joseph Leroy Fillingham	<i>Biological Sciences</i>	Carmilla Janice Petranek	<i>Physical Sciences</i>
Arnold Daniel Gluck	<i>Zoology</i>	John Robertson	<i>Zoology</i>
Richard John Gyde	<i>Mathematics</i>	Edward Frank Roselle	<i>Mathematics</i>
Stuart Dale Hallock	<i>Physical Sciences</i>	Ronald William Temple	<i>Physical Sciences</i>
Gail Ella Kingsbury	<i>Mathematics</i>	Carole Ann Vanden Hoek	<i>Mathematics</i>
*David Augustus Klingel	<i>Mathematics</i>	Richard Vernon Williams	<i>Biological Sciences</i>

DEGREE OF MASTER OF ARTS

Thaddeus Lesley Zajda	<i>Statistics</i>
-----------------------	-------------------

DEGREE OF MASTER OF ARTS FOR TEACHERS

Wendell Dennis Collver	<i>Biological Sciences</i>
------------------------	----------------------------

DEGREE OF MASTER OF SCIENCE

Judith Muir Aitken	<i>Zoology</i>	Richard Edwin Fryer	<i>Physics and Astronomy</i>
Larry Charles Andrews	<i>Mathematics</i>	Richard Pratt Hays	<i>Statistics</i>
Thomas Leslie Barnett	<i>Physics</i>	Wendell E. Holladay	<i>Physiology</i>
Carl Anthony Baumgardner	<i>Physics</i>	Paul Frederick Julien	<i>Physics and Astronomy</i>
Carolyn Lilliane Brown	<i>Statistics</i>	John Edward Kauflin	<i>Mathematics</i>
James Francis Carroll	<i>Geology</i>	Raymond Lee Kozub	<i>Physics and Astronomy</i>
Hung Teh Chen	<i>Statistics</i>	Arthur Lifshin	<i>Geology</i>
Michael O'Meara Childs	<i>Zoology</i>	Masum Montakhabolayaleh	<i>Physiology</i>
Dennis Jack Flood	<i>Physics and Astronomy</i>	Mark L. Wicholas	<i>Chemistry</i>

COLLEGE OF SOCIAL SCIENCE

The candidates will be presented by DEAN LOUIS L. MCQUITTY

DEGREE OF BACHELOR OF ARTS

Theodore Hubbard Barbier	Economics	Steven William Huber	Psychology
John Kenneth Belaski	Political Science	H † Lewis Anthony Hutchison	Social Science
† David John Benson	Social Science	Robert Burns Innes	Psychology
Michael B. Berger	Social Science	H † Charles Thomas James	Political Science
George Alexander Bilque	Political Science	Barbara Karen Jenner	Social Work
William Harold Black	Economics	Marcia Ingram Jones	Geography
John Wesley Blackwell	Economics	Patrick Brian Kelly	Political Science
Thomas John Brady	Psychology	* Roger Roy Komrska	Economics
Gregory E. Brown	Social Science	H † David George Ladd	Economics
Clarence Robert Carter	Social Work	Patrick F. Lapensee	Political Science
Luben Christoff	Political Science	H † Michael Alan Levine	Social Science
Thomas Leslie Clark	Economics	* Mary Lu Lewis	Social Work
* Vincent Joseph Coffey	Sociology and Anthropology	Gerold H. Maranka	Economics
Thomas Charles Cook	Sociology and Anthropology	Ronald Barrie Massie	Social Science
Jack Clay Cowen	Psychology	Jeffrey Page Mattson	Social Science
Kenneth Robert Crost	Social Science	* Dennis Earl McGinty	Social Science
Thomas Lewis Dail	Social Science	Rhoda Jean McVay	Social Science
Daniel Robert Daley	Social Science	Gary Martin Menton	Social Science
Larry Edward Daley	Sociology and Anthropology	John Carl Oldenburg	Psychology
Alvin E. Eckhardt	Economics	Kenneth George Olson	Social Science
* Christopher Bruce Eyler	Social Science	David Allan Ostrander	Political Science
Louis Vito Farago	Social Science	Robert Peter Ostrander	Political Science
John LaVelle Fichtner	Psychology	* Bonnie Louise Parsons	Political Science
Eric Malcolm Filson	Social Science	Cynthia L. Parsons	Social Work
Suzan Harriet Fischer	Social Science	Stephen Markow Paull	Social Science
Robert Miller Garrard	Social Science	Thomas Joseph Pilon	Economics
Edwin Robert Giddings	Political Science	Stanley Emmanuel Platsis	Social Science
H Douglas Russell Gilbert	Social Science	Robert James Reynolds	Political Science
Greer B. Goldman	Social Science	H * Daniel Henry Riley	Social Science
H † Nelson Henry Goud	Psychology	Thomas Clinton Rowe	Economics
Joseph Leonard Grand	Social Science	David Leonard Sanborn	Social Science
Elmyra Beatrice Gray	Social Science	Dennis Bruce Sanborn	Social Science
Frank Gregurek, Jr.	Psychology	Don Earl Schlitt	Social Science
Sally Anne Grew	Social Science	Charles Schwartz	Social Science
Robert William Hanna	Social Science	Miriam Schwartz	Social Science
David Paul Harfst	Social Science	Theodore H. Seyfarth	Social Science
H † Sally Ann Hartzell	Psychology	Brian Sisco	Economics
David Bentley Hea	Social Science	Thomas Eugene Skinner	Political Science
H † Donald Mark Healy	Political Science	Marilynn Martha Slade	Political Science
Thomas Edward Hoffmeyer	Sociology and Anthropology	* Gerald William Smith	Political Science
David Edward Ashley Horne	Psychology	H † John Michael Smokevitch	Social Science
		Barbara Mary Splawn	Social Science
		Gilbert Richard Taylor	Sociology and Anthropology
		Ferdinand August Thar	Social Science

H Honors College

* With Honor

† With High Honor

DEGREE OF BACHELOR OF ARTS (Continued)

John Jacob Thuma	<i>Social Science</i>	Charles Dwayne Wilson	<i>Social Work</i>
Joseph Edwin Trantham	<i>Social Science</i>	William Aaron Wilson	<i>Social Science</i>
William Douglas Volmar	<i>Social Science</i>	Min Hee Won	<i>Economics</i>
H †Richard Burnham Westin	<i>Economics</i>	Robert Wayne Worrall	<i>Social Science</i>
*Margaret Barringer Whitaker	<i>Political Science</i>	Michael George Yore	<i>Social Science</i>
†Kathrine Froome Williams	<i>Political Science</i>	Gene Zamler	<i>Economics</i>

DEGREE RECOMMENDED JOINTLY WITH THE COLLEGE OF EDUCATION — SOCIAL SCIENCE

James Lynn Chandler	Jeanette Lucille Nadol
Patricia Mae DeGarmo	Jerry Fredrick Powers
Jane Ingrid Erickson	Karl W. Roach
Loren Vernon Gillespie, Jr.	LeRoy Walter Ross
Roy Lee Hall	Theodore Leonard Streukens
Arthur Gerald Lewis	Kathleen Temple
H †Nancy Irene Lombard	Susan Jean Westby
H †Georgeen Lorraine Luecht	

DEGREE OF BACHELOR OF SCIENCE

Helen Gail Altman	<i>Psychology</i>	Nancy Ellen Hoffman	
H †James Alan Austin		<i>Prevention and Control of Delinquency and Crime</i>	
	<i>Law Enforcement Administration</i>	*Gary A. Hoopes	<i>Landscape Architecture</i>
David James Belkema		Donald Lawrence Johnson	
<i>Prevention and Control of Delinquency and Crime</i>			<i>Law Enforcement Administration</i>
*Bernhardt Donald Bjorne	<i>Industrial Security</i>	H †Charles Raymond Korman	
James H. Cooper	<i>Correctional Administration</i>		<i>Law Enforcement Administration</i>
John Joseph Covert		Joseph Elmer Krueger	
	<i>Law Enforcement Administration</i>		<i>Law Enforcement Administration</i>
†Granville Joseph Cross		H †Donna Jean Lambert	<i>Psychology</i>
	<i>Law Enforcement Administration</i>	Judith Elsie Lundsford	
William Clark Crough, Jr.		<i>Prevention and Control of Delinquency and Crime</i>	
	<i>Law Enforcement Administration</i>	James Arthur McLane, Jr.	
Richard Stanley Cygan			<i>Landscape Architecture</i>
	<i>Law Enforcement Administration</i>	*Lawrence William Morris	
John Douglas Davis			<i>Law Enforcement Administration</i>
	<i>Law Enforcement Administration</i>	Richard Lee Mosier	
Stanley Konrad Delmont			<i>Correctional Administration</i>
	<i>Industrial Security Administration</i>	John Andrew Mullen	<i>Psychology</i>
Fred James Edinger		H †Douglas Don Notman	<i>Psychology</i>
	<i>Industrial Security Administration</i>	Joseph Donald Novak	
Richard Bird Fleming			<i>Law Enforcement Administration</i>
	<i>Law Enforcement Administration</i>	Martin Weber Nyberg, II	<i>Psychology</i>
Jerry L. Hancock	<i>Urban Planning</i>	Frank Thomas Palopoli	
Norman Martin Hardin			<i>Industrial Security Administration</i>
	<i>Law Enforcement Administration</i>	David Forster Parker	<i>Urban Planning</i>

H Honors College

*With Honor

†With High Honor

COLLEGE OF SOCIAL SCIENCE

DEGREE OF BACHELOR OF SCIENCE (Continued)

Clark Michael Randall	<i>Law Enforcement Administration</i>	Harold Charles Tinsey	<i>Law Enforcement Administration</i>
Robert Allen Slade	<i>Industrial Security Administration</i>	Lyle Wayne VanRiper	<i>Correctional Administration</i>
*Carlton David Spuck	<i>Law Enforcement Administration</i>	Kay Eileen Whitfield	<i>Prevention and Control of Delinquency and Crime</i>
*Richard Norman Stevens, Jr.	<i>Landscape Architecture</i>	Roger Dale Williams	<i>Landscape Architecture</i>
James Francis Stodola	<i>Law Enforcement Administration</i>	William Harry Wyatt	<i>Landscape Architecture</i>

DEGREE OF MASTER OF ARTS

Howard Leroy Anderson	<i>Geography</i>	Sheridan T. Maitland	<i>Sociology and Anthropology</i>
Leslie Hastings Ault	<i>Psychology</i>	Vincent L. Marando	<i>Political Science</i>
Ann Warren Baker	<i>Sociology and Anthropology</i>	Martin Ernest McGuire	<i>Sociology and Anthropology</i>
Susan Elaine Edwards	<i>Economics</i>	Rahim Oghalai	<i>Geography</i>
Thomas Harley Franks	<i>Geography</i>	Edward Taylor, Jr.	<i>Sociology and Anthropology</i>
Peter John Ginman	<i>Economics</i>	Suwanai Thongnop	<i>Sociology and Anthropology</i>
Ernest Gideon Green, Jr.	<i>Sociology and Anthropology</i>		
David Elwyn Kromm	<i>Geography</i>		

DEGREE OF MASTER OF ARTS FOR TEACHERS

Samuel Maumba Sepeku	<i>Geography</i>
----------------------	------------------

DEGREE OF MASTER OF SCIENCE

William Happer Storer	<i>Police Administration and Public Safety</i>
-----------------------	--

DEGREE OF MASTER OF URBAN PLANNING

Jerry Ira Lasker
Charles Larry Tompkins

*With Honor

SCHOOL FOR ADVANCED GRADUATE STUDIES

The candidates will be presented by ASSISTANT DEAN ALLAN TUCKER

DIPLOMA FOR ADVANCED GRADUATE STUDY

- Bruce Henry Guild B.A., Lawrence College; M.A., Columbia University.
Education. *Major Professor:* C. M. Campbell, Professor.
- Tom Charles Loomis B.S., New Mexico College of Agriculture and Mechanical Arts.
Chemistry. *Major Professor:* L. L. Quill, Professor.
- Wayne Franklin Tinkle B.S., M.A., Michigan State University.
Education. *Major Professor:* W. F. Johnson, Professor.
-

CANDIDATES FOR THE DOCTORAL DEGREES

- Charles Henry Adams, Ph.D. B.S., M.S., Kansas State College.
Animal Husbandry. *Major Professor:* L. J. Bratzler, Professor.
Thesis: Factors that Influence Tenderness of Beef and the Development
of Suitable Methods for Appraising Tenderness.
- Dale W. Adams, Ph.D. B.S., Utah State University; M.S., Michigan State University.
Agriculture Economics. *Major Professor:* L. W. Witt, Professor.
Thesis: Adjustment Possibilities on Colombian Farms Under Alternative
Levels of Public Law 480 Imports.
- Khalaf Alsoofi Al-Delaimy, Ph.D. B.S., M.S., University of California.
Food Science. *Major Professor:* G. A. Borgstrom, Professor.
Thesis: Pectic Substances and Pectic Enzymes of Fresh and Processed
Montmorency Cherries.
- Asoka Banda Andarawewa, Ph.D. B.A., University of Ceylon; M.A., Ontario Agricultural College.
Agriculture Economics. *Major Professor:* G. L. Johnson, Professor.
Thesis: An Economic Analysis of Fertility Differentials Among Rural-
farm Communities in the United States, 1960.
- Cyrus Azimi, Ph.D. B.S., Alma College; M.A., Michigan State University.
Psychology. *Major Professor:* A. I. Rabin, Professor.
Thesis: Masculinity, Femininity and Perception of Warmth and Saliency
in the Parent-Son Relationships.

SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREES (Continued)

- Daniel Delano Badger, Ph.D. B.S., Virginia Polytechnic Institute; M.S., Oklahoma State University. Agriculture Economics. *Major Professor:* G. L. Johnson, Professor.
Thesis: Impacts of Asset Fixity on Aggregate Peanut Supply Response.
- Paul Harold Besanceney, S. J., Ph.D. B. Lit., Xavier University; A.M., St. Louis University; S.T.L., West Baden College.
Sociology and Anthropology. *Major Professor:* J. W. Artis, Professor.
Thesis: Factors Associated with Protestant-Catholic Marriages in the Detroit Area: A Problem in Social Control.
- Julian Robert Brandou, Ph.D. B.S., M.A., University of Michigan.
Education. *Major Professor:* F. B. Dutton, Professor.
Thesis: A Study of an Experimental Program for the In-Service Science Education of Elementary School Teachers.
- Jane Louise Burdett, Ph.D. B.S., University of Michigan; M.S., San Diego State College.
Chemistry. *Major Professor:* M. T. Rogers, Professor.
Thesis: Keto-Enol Tautomerism in B-Dicarbonyls Studied by Nuclear Magnetic Response Spectroscopy.
- Paul S. Campbell, Ph.D. A.B., Tennessee Temple University; A.M., Baylor University.
Education. *Major Professor:* J. E. Jordan, Associate Professor.
Thesis: Personality Needs of Community College and University Students and Their Perceptions of the Press of Their Institutions: An Experimental Investigation.
- Richard Wayne Christensen, Ph.D. B.S., San Diego State College; M.S., Michigan State University.
Civil Engineering. *Major Professor:* T. H. Wu, Professor.
Thesis: Analysis of Clay Deformation by Rate Process Theory.
- Donald Keith Darnell, Ph.D. A.B., Wm. Jewell College; M.A., Michigan State University.
Communication. *Major Professor:* D. K. Berlo, Associate Professor.
Thesis: A Technique for Determining the Evaluative Discrimination Capacity and Polarity of Semantic Differential Scales for Specific Concepts.
- Oliver W. Deaton, Ph.D. B.S., M.S., University of Kentucky.
Dairy. *Major Professor:* L. D. McGilliard, Professor.
Thesis: Weighting Information from Relatives to Select for Milk in Holsteins.
- Shamsud Doha, Ph.D. B.S., M.S., University of Dacca.
Fisheries and Wildlife. *Major Professor:* P. I. Tack, Professor.
Thesis: The Fresh-water Fish and Fisheries of Pakistan with Special Reference to Fish Culture for Food.

SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREES (Continued)

- Jerry Paul Duvendeck, Ph.D. B.S., Alma College; M.S., Michigan State University.
Fisheries and Wildlife. *Major Professor:* L. W. Gysel, Professor.
Thesis: The Value and Prediction of Acorn Crops for Deer.
- Dean Arthur Eggert, Ph.D. B.S., University of New Hampshire; M.S., Michigan State University.
Horticulture. *Major Professor:* A. E. Mitchell, Professor.
Thesis: Russeting of the Apple (*Malus Domestica* Bork.), Cultivar Golden Delicious, As Related to Nutritional Factors Influencing the Physiology and Histology of Developing Fruits.
- Kenneth B. Engle, Ed.D. B.A., M.A., Western Michigan University.
Education. *Major Professor:* W. F. Johnson, Professor.
Thesis: An Exploratory Study of Significant Others in Producing Change in Self-Concept and Achievement in Secondary School Under-achievers.
- Albert Wendell Erickson, Ph.D. B.S., M.S., Michigan State University.
Fisheries and Wildlife. *Major Professor:* G. A. Petrides, Professor.
Thesis: Breeding Biology and Ecology of the Black Bear in Michigan.
- Harold Dean Esler, Ph.D. B.S., M.A., Wayne State University.
Education. *Major Professor:* G. A. Miller, Associate Professor.
Thesis: An Investigation of the Causes of Suicide in Patients Diagnosed as Schizophrenic.
- Robert Omer Herrmann, Ph.D. B.S., University of Wisconsin; M.S., Michigan State University.
Agriculture Economics. *Major Professor:* J. T. Bonnen, Associate Professor.
Thesis: Household Socio-economic and Demographic Characteristics as a Determinant of Food Expenditure Behavior.
- Lowell Dean Hill, Ph.D. B.S., Iowa State University; M.S., Michigan State University.
Agriculture Economics. *Major Professor:* V. L. Sorenson, Associate Professor.
Thesis: The Bargaining Potential in the Michigan Asparagus Industry.
- William Arthur Horwood, Ed.D. B.A., Roberts Wesleyan; M.A., Michigan State University.
Education. *Major Professor:* W. D. Van Huss, Professor.
Thesis: A National Study of the Current Practices of Secondary Coaches in Recommending Diets for Athletes.
- Verle Randall Houghaboom, Ph.D. B.S., M.S., University of Vermont.
Agriculture Economics. *Major Professor:* J. Nielson, Professor.
Thesis: An Evaluation of Factors Influencing Participation in the Dairy Herd Improvement Program in Vermont.

SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREES (Continued)

- James Phillip King, Ph.D. B.S., Michigan State University; M.S., Oregon State University.
Forestry. *Major Professor:* J. W. Wright, Associate Professor.
Thesis: Seed Source X Environment Interactions in Scotch Pine.
- John William Kools, Ph.D. B.S., Hope College; M.S., Michigan State University.
Microbiology and Public Health. *Major Professor:* H. L. Sadoff, Associate Professor.
Thesis: Sedimentation Behavior of the Glucose Dehydrogenase from Spores of *Bacillus Cereus*.
- David Von Denburg LeMone, Ph.D. B.S., New Mexico Institute of Mining and Technology; M.S., University of Arizona.
Geology. *Major Professor:* C. E. Prouty, Professor.
Thesis: The Upper Devonian and Lower Mississippian Sediments of the Michigan Basin and Bay County, Michigan.
- Robert Sigmund Manthy, Ph.D. B.S., M.S., Michigan State University.
Forestry. *Major Professor:* L. M. James Professor.
Thesis: Marketing Pulpwood in the North Central Region.
- Clayton Blake Millington, Ph.D. B.S., M.S., Oklahoma State University.
Education. *Major Professor:* W. H. Roe, Professor.
Thesis: A Study of Economic Education Administrative and Instructional Practices in Selected Oklahoma Senior High Schools.
- Martin Taggert Pond, Ph.D. B.S., Utah State University; M.S., Michigan State University.
Agriculture Economics. *Major Professor:* L. W. Witt, Professor.
Thesis: Increasing Agricultural Productivity and Industrialization.
- Fredric Alan Powell, Ph.D. B.A., M.A., Michigan State University.
Communication. *Major Professor:* H. Kumata, Professor.
Thesis: Source Credibility, Dissonance Theory and Attitude Change.
- Jessica Elizabeth Reimann, Ph.D. B.A., Hofstra College.
Chemistry. *Major Professor:* R. U. Byerrum, Professor.
Thesis: A Study on the Biosynthesis of 2,4-Dihydroxy -7- Methoxy- 2H - 1,4- Benzoxazin -3-One.
- Harlan Don Ritchie, Ph.D. B.S., Iowa State University.
Animal Husbandry. *Major Professor:* J. A. Hoefer, Professor.
Thesis: Dietary Copper: Its Relationship to Zinc and Parakeratosis in the Pig.

CANDIDATES FOR THE DOCTORAL DEGREES (Continued)

- Gilbert Harvey Roller, Ph.D. A.B., University of Illinois; M.M., Michigan State University.
 Music. *Major Professor:* E. L. Kirk, Associate Professor.
Thesis: The Development of the Methods for Analysis of Musical Compositions and for the Formation of a Symmetrical Twelve-tone Row Using the Electronic Digital Computer.
- George Rusin, Ph.D. B.S., Michigan State University.
 Chemical Engineering. *Major Professor:* D. K. Anderson, Assistant Professor.
Thesis: Mass Transfer from Single Forming Drops.
- William Arthur Sack, Ph.D. B.S., University of Pittsburgh; M.S., Michigan State University.
 Sanitary Engineering. *Major Professor:* K. L. Schulze, Associate Professor.
Thesis: A Theoretical and Experimental Study of Factors Governing the Operation of Continuous Flow Cultures with Feedback.
- John A. Speicher, Ph.D. B.S., Kansas State University; M.S., University of Maryland.
 Dairy. *Major Professor:* C. A. Lassiter, Professor.
Thesis: Relationship of Dairy Farm Net Income to Specified Farm Management Factors.
- Raphael John Steinhoff, Ph.D. B.S.F., University of Idaho; M.S., North Carolina State University.
 Forestry. *Major Professor:* J. W. Andresen, Associate Professor.
Thesis: Taxonomy, Nomenclature, and Variation Within the *Pinus Flexilis* Complex.
- Glen Cyrus Stewart, Ed.D. B.S., M.S., University of Illinois.
 Education. *Major Professor:* M. Muntyan, Professor.
Thesis: Terminology Variants in the Pedagogy of Non-harmonic Tones.
- Wayne H. Tody, Ph.D. B.S., M.S., University of Michigan.
 Fisheries and Wildlife. *Major Professor:* E. W. Roelofs, Associate Professor.
Thesis: An Investigation of the Success of Rainbow Trout Populations in Ten Lakes Relative to Limiting Environmental Factors.
- John Raphael Van Ryzin, Ph.D. B.A., M.S., Marquette University.
 Statistics. *Major Professor:* F. Hannan, Associate Professor.
Thesis: Asymptotic Solutions to Compound Decision Problems.
- Terry Bill Waggoner, Ph.D. B.S., M.S., Oklahoma State University.
 Chemistry. *Major Professor:* R. D. Schuetz, Professor.
Thesis: The Biosynthesis of Terthienyl in the Common Marigold.

SCHOOL FOR ADVANCED GRADUATE STUDIES

CANDIDATES FOR THE DOCTORAL DEGREES (Continued)

- George Cottam Walker, Ph.D. B.S., M.S., Utah State University.
Food Science. *Major Professor:* L. G. Harmon, Professor.
Thesis: The Growth and Thermal Resistance of Coagulase-Positive Staphylococcus aureus in Selected Substrates.
- Richard F. Weatherman, Ed.D. M.A., University of Minnesota.
Education. *Major Professor:* J. E. Jordan, Associate Professor.
Thesis: A Study of the Relationships of Mobility to Academic Self-Concept and Academic Achievement of Sixth Grade Children.
- Donald Edward Wells, Ph.D. B.S., M.S., University of Wisconsin.
Communication. *Major Professor:* D. K. Berlo, Associate Professor.
Thesis: The Effect of Choice Between Messages on Attitude Change.
- George William Wright, Ph.D. B.S., M.S., Kansas State University.
Soil Science. *Major Professor:* A. R. Wolcott, Associate Professor.
Thesis: Soil Nitrogen and Carbon Fractions as Related to Organic Amendments and Response of Oats in the Greenhouse.
- Jerome Douglas Yates, Ph.D. B.S., M.S., University of Arkansas.
Poultry Science. *Major Professor:* P. J. Schaible, Professor.
Thesis: The Feeding of Unheated Soy Beans to Poultry.