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University of Maine Commencement

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**University of Maine at Orono One Hundred and Seventieth
Commencement, Saturday, December 19, 1987**

University of Maine

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University of Maine
One Hundred and Seventieth
Commencement
Saturday, December 19
1987

*Maine Center for the Arts
Orono*

10:30 A.M.



Program

Presiding: President Dale W. Lick

Pre-Commencement Concert	Orono Brass
Processional	
The National Anthem	Renae M. Morse
Invocation	Father Frank J. Murray Newman Center, University of Maine
Introduction of Stage Party	President Lick
Commencement Address	Stephen O. Muskie
Presentation of Honorary Degrees	
Conferral of Graduate Degrees	
Conferral of Undergraduate Degrees	
Recognition of Faculty & Emeriti	
Charge to the Graduates	President Lick
Benediction	Father Frank J. Murray
Closing Announcement	President Lick
Recessional	

University Marshals:

Registrar, John F. Collins, Jr.
Assoc. Prof. Barbara A. Csavinszky
Assoc. Prof. P. David DeFroscia

HONORARY DEGREES

Vincent A. Hartgen

Vincent Hartgen, Professor Emeritus of Art and former Art Department Chairperson, came to the University of Maine in 1946 and retired in 1983. He is a nationally known artist who, through his organizing, promotional ability, and dedication, created the University of Maine's Art Department. Professor Hartgen has influenced many generations of Maine students as well as the general public and Maine schools. He created the Traveling Art Exhibit to Maine public schools. He was a dynamic teacher, lecturer and promoter. Through his leadership, dedication and love of art, he created one of the finest art collections in Northern New England. Original works of art are hung in almost every building on the Orono campus because of his efforts. Professor Hartgen's works have been exhibited in galleries throughout the United States and abroad. He is represented in the permanent collections of many museums including the Boston Museum of Fine Arts, the Hartford Atheneum and the Smith College Collection. Professor Hartgen instilled an inspiration for art in everyone with whom he came in contact. In addition to his work on campus, he lectured at outreach programs, helped initiate the Jewish Community Center Arts Festival, and promoted Maine artists in every way possible.

Elizabeth F. Murphy

Elizabeth Murphy, native of Maine, and Professor Emerita of both Horticulture and Food Science, began her long association with the University of Maine with her matriculation as a freshman in 1926. In addition to receiving her Bachelor's degree from the University in 1930, Professor Murphy produced over fifty publications, nineteen of which were associated with potato quality. Her research methodology became a world standard technique that was applied also to fruit, poultry, and seafood. Other areas in which Professor Murphy made significant contributions involved her research with the Vitamin C content of apples, tomatoes, broccoli, and other fruits and vegetables. Professor Elizabeth Murphy's work has been significant in enhancing the agricultural and oceanic industries of Maine. She is a scientist who has devoted her life to improving the diet of Maine people and, relatedly, to improving the economic status of Maine farmers.

UNIVERSITY OF MAINE
CANDIDATES FOR ADVANCED DEGREES
Candidates for the Degree of

DOCTOR OF EDUCATION
Charles E. Tarr, Dean of the Graduate School

Mitchell L. Gelber (MED, S.U.N.Y. (Plattsburg), 1975) Prescott, AZ
Dissertation: Locus of Control and Self-Concept in Male and Female Elementary Students Designated Impulsive or Reflective

DOCTOR OF PHILOSOPHY

In Chemistry

Nagasubramani Nagasundaram (MS, Madurai University, 1976) Ann Arbor, MI
Dissertation: Optical and Molecular Orbital Studies of Extended Interactions in Lamellar Dicyansaurates
Dongjin Pyo (MS, Seoul National University, 1983) Riverside, CA
Dissertation: Selective Data Reduction in Infrared Spectroscopy
Todd DeVere Williams (MS, University of Maine, 1985) Spofford, NH
Dissertation: Negative Ion Chemical Ionization Mass Spectrometry: Application to Protein Sequencing Methodologies

In Nutrition Sciences

Cynthia Joan Wiggin (MS, University of Maine, 1984) Lynn, MA
Dissertation: Studies on the Immune Responses in Cattle to Infections with *Ostertagia ostertagi* and Its Role in the Pathogenesis of This Disease

In Physics

Ossama M. Mokhtar Elshazly
(MS, Alexandria University, 1979) Alexandria, Egypt
Dissertation: Vapor Pressure Measurement of Polyimide Constituents and Chemical Cleaning of Metal Substrates
Chang Wha Kong (MS, Yonsei University, 1980) Seoul, Korea
Dissertation: X-Ray Photoelectron Spectroscopy Applied to the Characterization of Surfaces at Pressures of up to 1 mbar

In Psychology

Ann Hemenway Crockett (BA, Milwaukee-Downer College, 1955) . Scarborough
Dissertation: Recognition Memory for Faces and Emotional Expression

- Marcia A. Mandel (BS, Duke University, 1980) Durham, NC
 Dissertation: Peer Status and Nonverbal Communication in Hyperactive Preschoolers
- Bruce Alan Sorkin (BA, S.U.N.Y. (Stony Brook), 1981) Pittsburgh, PA
 Dissertation: Interpersonal Theory of Depression: The Role of Schemas About Depression in Significant Others

In Wildlife

- Stephen M. Arthur (MS, Colorado State University, 1981) Orono
 Dissertation: Ecology of Fishers in South-central Maine

CERTIFICATE OF ADVANCED STUDY

- Barbara Jean Campbell (MEd, University of Maine, 1983) Bangor
 Dana C. Folsom (MEd, University of Maine, 1975) Bangor
 Elizabeth Ann Tracey (MEd, University of Maine, 1980) Lewiston
 Robert Edward Webster (MEd, University of Maine, 1982) Strong
 Deborah Jean White (MEd, University of Maine, 1980) Orono
 Jean Ann Wilbur (MEd, University of Maine, 1983) Fort Kent

MASTER OF ARTS

In English

- Kurt A. Abel (BA, University of Rhode Island, 1980) North Smithfield, RI
 Alicia A. Anstead (BA, American University, 1983) Orono
 Anne Lewis Crocker (BA, University of Maine, 1984) Orono
 Marie Moorehouse Keevan (BA, University of New Hampshire, 1971) Bingham
 Phyllis Ruth Locke (MLS, University of Maine, 1968) Cape Elizabeth
 Title of Thesis: Marvell at Play: Poetic Gamesmanship
 Edward N.S. Lorusso (BUS, University of Maine, 1985) Bangor
 David Southworth (BA, Cornell College, 1985) Florence, WI

In History

- Robert S. Brewer (BA, Concordia University, 1985) Ingleside, Ontario
 Lawrence David Frank (BS, U. of Maine (Farmington), 1978) Saco
 Steven Edward Sullivan (BA, University of Maine, 1983) Camden
 Title of Thesis: Analysis of the Dynamics of Settlement Expansion on the Northeast Colonial Frontier: St. Georges, 1720-1758

In Liberal Studies

- Stephen Hooper Gelatt (BA, University of Maine, 1985) Old Town
 Esther Gilbert Taylor (BS, University of Maine, 1971) Orono

In Mathematics

- Judith E. Chapman (BS, Cedar Crest College, 1985) Allentown, PA
Title of Thesis: A Two-Dimensional Time Dependent Finite Element Model
for Ice Sheet Dynamics
- Kandiah Thananchayan (BS, University of Peradeniya, 1981) Troy, NY
Title of Thesis: Location of a Single Facility on an Unoriented Network

In Speech Communication

- Mary E. Green (BA, University of Maine, 1978) Bangor
Edith Elaine Vose (BS, University of Maine, 1982) Dexter

MASTER OF ARTS IN TEACHING (FRENCH)

- Karen Inez Larson (BA, University of Maine, 1973) Brewer

MASTER OF BUSINESS ADMINISTRATION

- Amanda L. Bost (BA, University of Maine, 1984) Orono
Aslam Hamid (BA, University of Bombay, 1983) Bombay, India
John Paul LaLonde (MS, Michigan State University, 1980) Bucksport
Bruce C. McKnight (BS, University of Maine, 1979) Orono
Jean Deering Piper (BA, University of Georgia, 1980) Orono
Danny Lee Rauch (BS, Husson College, 1981) Bangor
Carlos Enrigue Romero (BA, Universidad Dr. José, 1985) Costa Rica, El Salvador
Ann Elizabeth Winterhalder (BS, University of Maine, 1985) Old Town

MASTER OF EDUCATION

- Marilyn Ardito (BS, University of Maryland, 1973) Lubec
Edward S. Bridge-Koenigsberg (BS, Springfield College, 1981) Hampden
Donald Owen Brown (BS, University of Maine, 1974) Bradley
Darlene Wheeler Cherry (BS, U. of Maine (Machias), 1973) Machias
Pamela Whitten Colson (BS, University of Maine, 1983) Bangor
Isabell M. B. Cross (BS, U. of Maine (Machias), 1980) Hampden
Kim Norton Demers (BS, U. of Southern Maine, 1978) Palmyra
Patricia Anne Gallagher (BS, U. of Maine (Presque Isle), 1969) Presque Isle
Eric Lee Haley (BS, Tufts University, 1976) Oakland
Albert Jeffrey Harris (BS, University of Maine, 1972) Orono
Susan Williams Haynes (MS, Wheelock College, 1969) Bar Harbor
Debra Althea Lewis Hogate (BS, University of Maine, 1983) Skowhegan

Dorothy Ann Johnson (BS, U. of Maine (Machias), 1969)	Baileyville
Lloyd G. Keast (BS, U. of Southern Maine, 1978)	Skowhegan
Daniel W. Koch (MS, Mankato State University, 1982)	Ellsworth
Jeanne K. Koehne (BS, University of Maine, 1985)	Orono
Sally Thibeau Leighton (BA, U. of Maine (Machias), 1975)	Milbridge
Mark Douglas Pinette (BA, U. of Maine (Farmington), 1984)	Caribou
Lois Jean Pleuler (BA, University of Massachusetts, 1967)	Bangor
Roberta Elizabeth Smolenack (BA, Trenton State College, 1966)	Milo
Harold Robert Spear (BS, U. of Maine (Farmington), 1980)	Bangor
David G. Stetson (BS, University of Maine, 1975)	Gardiner
Sheryl Bouchard Targonski (BS, U. of Maine (Farmington), 1978)	Monticello
Michael S. Weatherwax (BA, Alma College, 1969)	Camden
Gail Jackson Wolff (BS, University of New Hampshire, 1984)	Colchester, VT

MASTER OF MUSIC

Wonhee Pyo (BM, Seoul National University, 1982)	Riverside, CA
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MASTER OF PUBLIC ADMINISTRATION

AbdulRahman Mohammed Al-Subhi (BS, King Abulaziz University, 1982)	Jeddah, Saudi Arabia
Arthur W. Ellingwood (BA, University of Maine, 1986)	Hampden
Ednamae Jones (BSN, University of Akron, 1968)	Auburn
Franklin Roy McElwain (BS, University of Maine, 1977)	Caribou
Charles D. Morgan III (BA, Gordon College, 1985)	Waterville
Duane Allen Scott (BS, University of Maine, 1977)	Augusta
Janice Gordon Selser (MS, University of Tennessee, 1976)	Hallowell

MASTER OF SCIENCE

In Agricultural and Resource Economics

Leanna B. Miles (BA, Duke University, 1975)	Nashville, TN
Title of Thesis: The Economic Impact of Recreational Use on the St. Croix River	

In Animal Sciences

Valerie Ann Tracy (BS, Ramapo College, 1985)	Wyckoff, NJ
Title of Thesis: Evaluation of Sweet White Lupin Seed as an Alternative Protein Source for Ruminant Rations in Maine	

In Biochemistry

- Linda Cook (HNC, Leeds Polytechnic, 1980) Orono
Title of Thesis: Isolation of cDNA Clones Representing Genes Differentially
Expressed During Tuberization in Potato (*Solanum tuberosum*)
- Matthew G. Frankel (BA, University of Maine, 1984) Chicago, IL
Title of Thesis: An Investigation into the Association of Aluminum with
Deoxyribonucleic Acid using Laser Raman Spectroscopy
- Therese Pratt (BS, University of Maine, 1980) Augusta
Title of Thesis: Isolation and Characterization of Sialyltransferase From the
13762 Rat Mammary Ascites Tumor Cells

In Botany and Plant Pathology

- Patricia E. DeHond (BA, S.U.N.Y. (Potsdam), 1984) Augusta
Title of Thesis: Natural Hybridization and Reproductive Biology of Some
White-Barked Birches (*Betula*, betulaceae) in Maine
- Kristine Ann Ellor (BS, U. of California (Stanislaus), 1984) . . . Brattleboro, VT
Title of Thesis: Some Parameters of Growth of *Pleurotus* spp on Primary
Paper Mill Sludge
- Jill Elizabeth Weber (BA, University of Northern Colorado, 1984) . . . Old Town
Title of Thesis: Breeding System in the Hybrid of a Sexual and an Apomictic
Species of *Amelanchier* (Rosaceae: maloideae)

In Chemical Engineering

- Christopher Daily (BS, University of Maine, 1980) Mentor, OH
Title of Thesis: A Thermodynamic Model of the Kraft Causticizing Reaction
Equilibrium
- Peter W. Hart (BS, University of Maine, 1985) Colebrook, NH
Title of Thesis: Alternating Voltage Synthesis of Organic Chemicals
- Vardarajan Rangaswamy Iyengar (BS, Indian Inst. of Technology, 1985) . . Orono
Title of Thesis: A Mass Transfer Analog for Low Prandtl Number Natural
Convection Heat Transfer in a Square Enclosure with Constant Heat Flux on
Two Facing Vertical Walls
- Jay Vachaspati (BT, Banaras Hindu University, 1974) Bangor
Title of Thesis: The Separation of Water/2-Propanol Mixtures by Membrane
Pervaporation

In Chemistry

- Scott Thomas Stone (BA, University of Maine, 1983) Beachwood, NJ
Title of Thesis: Mixed Gas Chemical Ionization Mass Spectrometry
- Manfred Ziegler (Dip, Georg Simon -Ohm, 1985) . . . Aufsess, West Germany
Title of Thesis: Development and Synthesis of a Chiral Stationary Phase For
Liquid Chromatography Based on Transition Metal Complexation

In Civil Engineering

- Joseph Michael Allwarden (BS, University of Maine, 1986) Amherst, NH
Title of Thesis: Statistical Strength Properties for Angle Struts
- Ashish Sharad Paralkar (BS, Indian Inst. of Technology, 1985) Orono
Title of Thesis: An Investigation of Radon Progeny Buildup on GAC Beds

In Community Development

- Stephanie Rose Peavey (BA, University of Maine, 1985) Brewer
Title of Thesis: A Study of Variability in the Elderly's Informal Support System - an Application of Social Exchange Theory

In Electrical Engineering

- Abdolreza Nekovei (BS, University of Maine, 1985) Milford
Title of Thesis: University of Maine Vision System .

In Entomology

- Glen William Koehler (BS, University of Cincinnati, 1980) Reading, OH
Title of Thesis: Biochemical Population Genetics of the Spruce Coneworm (*Dioryctria reniculelloides*) (Lepidoptera: pyralidae)

In Food Science

- Mohammad Qissam Sultan (BS, King Saud University, 1982) Orono
Title of Thesis: The Effect of the Nonabsorbable Antioxidant Anoxomer on Lipid Oxidation in Cooked and Uncooked White and Dark Chicken Meat Emulsion Stored at 4°C
- Peihfang Patricia Tsai (BS, Tunghai University, 1984) Orono

In Forestry

- Kevin A. Flynn (BS, University of Maine, 1985) Wapping, CT
Title of Thesis: Use of the Pulsation Process for The Pressure Treatment of Northeastern Red Spruce (*Picea rubens*, Sarg.)
- David A. Stevens (BS, University of Maine, 1984) Orono
Title of Thesis: Rates of Return to Forest Land in Maine - 1961-1986

In Geological Sciences

- John Patrick Scofield (BA, S.U.N.Y. (Buffalo), 1981) Orono
Title of Thesis: Flow Characteristics of Byrd Glacier, Antarctica

Ellen Ruth Wall (BS, S.U.C. at Fredonia, 1982) Lewiston
Title of Thesis: The Occurrence of Staurolite and Its Implications for Poly-metamorphism in the Mt. Washington Area, New Hampshire

In Human Development

Ann Marjorie Belisle (BS, University of Maine, 1985) Biddeford
Title of Thesis: Social Isolation and Domestic Violence

In Microbiology

Geng Wang (BS, Beijing Second Medical School, 1984) Portland
Title of Thesis: Effect of PGE2 on the Replication of Varicella-zoster Virus
Jian Q. Zhao (BM, Beijing Medical University, 1984) Orono
Title of Thesis: The Effect of Specific and Non-Specific Stimulation on Natural Cytotoxic Activity

In Quaternary Studies

Jill P. McMahon (BA, S.U.N.Y. (Binghamton), 1979) . . . Saratoga Springs, NY
Title of Thesis: A Biomechanical Study of Flintknapping

In Wildlife Management

Leslie J. Dubuc (BA, California State Univ. (Sacramento), 1984) . . . Fallon, NV
Title of Thesis: Ecology of River Otters on Mount Desert Island, Maine
Susan Ann Livingston (BS, University of Wyoming, 1985) Orono
Title of Thesis: Construction and Validation of Four Nesting Habitat Models for Bald Eagles in Maine
Beatrix Elisabeth Treiterer (BS, Ohio State University, 1985) . . Worthington, OH
Title of Thesis: Reproductive Ecology and Habitat Use of Female Wild Turkeys in Waldo County, Maine

In Zoology

David Wallis Tapley (BS, Oregon State University, 1979) Stillwater
Title of Thesis: Defenses Against Oxygen Toxicity in Marine Cnidarians Containing Algal Endosymbionts

COLLEGE OF ARTS AND SCIENCES

Candidates for the Degree of

BACHELOR OF ARTS *Dean Michael C. Gemignani*

In Anthropology

Ann Manette Ansay, <i>with highest distinction</i>	Port Washington, WI
Timothy Michael Healy	Damariscotta

In Art

Sandra Lee Burnham, <i>with distinction</i>	East Hartford, CT
Laurie Ellen Campbell	Cumberland Center
Katherine Winifred Orzel, <i>with distinction</i>	Lamoine

In Biology

James Edward Alexander	South Harpswell
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In Broadcasting

Roberta E. DeMuro, <i>with high distinction</i>	Bangor
Lisa Gayle Fifield	Rumford
Robert King Hammann, Jr.	Acton, MA
Timothy David Sorel	Portsmouth, NH

In Computer Science

Gregory G. Allen	Orono
Melissa Joy Burke	Lewiston
William Paul Chiari	South Burlington, VT
Richard E. Chute	Old Town
Peter Brent Livingstone	Cherryfield
Ronald Joseph Robillard	Waterford, CT
Eloise Beth Thompson, <i>with highest distinction</i>	LaGrange
Timothy Roger Verreault	Lewiston

In Computer Science and Mathematics

Timothy A. Gilman	Peaks Island
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In Economics

Daniel Crozier DeCosta	South Norwalk, CT
David Philip Driscoll	Old Town
Barbette Sue Haskell	Deer Isle
Michael Patrick Klein	Duxbury, MA
Andrew C. Lynch	Fort Fairfield
George Alistair MacKinnon	Augusta
David Quentin Moser	New Gloucester
Mark Edward Russell	East Holden
William Frederick Schmidt, Jr.	Orono

In Economics and German

David Russell Sanborn	Summersworth, NH
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In English

Lesley Edythe Andersen, <i>with high distinction</i>	Old Town
Kent J. Cummings	Winterport
M. Joyce Lynn Fairbrother, <i>with distinction</i>	Bangor
Frederick John Mast	Cleveland, OH
Erik Wilder Philbrook	Bangor
James Joseph Szmyt	Berwick
Nicholas David Weidemann, <i>with distinction</i>	Round Pond
Kathleen M. Winn	Melrose, MA

In French

Dale Cowan Brooks	Portland
Christine A. St. Laurent	Sebago Lake

In Geological Sciences

John Richard Breedlove	Bangor
Stephanie Ann Staples, <i>with highest distinction</i>	Orono

In German

Kathy Laurie Thombs, <i>with highest distinction</i>	New Sharon
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In History

Laurie J. Bagley	Dixmont
Donald A. Centanni, <i>with highest distinction</i>	New Orleans, LA

Matthew Gordon Dunlap	Mount Desert
William Howard Gillway	Winterport
Jean Marie McKeen	Brewer
Scott Owen Pinkham	Boothbay
Keith Edward Stone	Boston, MA

In International Affairs-Economics

Gary Wayne Haslam	Ellsworth
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In International Affairs-Political Science

Leon Robert Pierce	Garden City, NY
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In International Affairs-Political Science and Spanish

Jennifer A. Hawkins	Augusta
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In Journalism

Sandra Appaneal	Greenville
Stacy Suwak Bolich	Bangor
Mark Andrew Carey	Portland
Robert Terrence Fahey	Bangor
Joy Ann Froding	Winterport
Joyce A. Grondin, <i>with distinction</i>	Augusta
Erin Marie Joyce	Bangor
Gretchen Ann Lally	Marblehead, MA
Linda D. McGivern, <i>with highest distinction</i>	Wichita, KS
Daniel Paul Philippon	Bangor
Karin Michelle Soucy	Ipswich, MA
Jean Elizabeth Thebault	Fryeburg
Teresa Coleen Walsh	Bangor

In Journalism and Philosophy

Marc S. Larrivee	Orono
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In Mathematics

Patrick J. Brannigan	San Diego, CA
C. Bronson Crothers	Bradley
Robert Louis Knoth, Jr.	Lindenhurst, NY
Dierdre Rae Stewart	New Vineyard

In Medical Technology

Karen Ann Wood, *with distinction* Sabattus

In Performing Arts-Music

Richard Myron Pasvogel Bangor

In Performing Arts-Theatre

Joseph W. Foss, *with distinction* Charleston, WV

In Philosophy

Michael Roger Abreu	North Dartmouth, MA
F. Glen Avantaggio, <i>with high distinction</i>	Damariscotta
Lyndsey Anne Hilton-Kingdon	Topsham
Jane Ross Smillie, <i>with highest distinction</i>	Blue Hill
Kerry K. Zabicki	Middletown, CT

In Political Science

Joseph Michael Baldacci, <i>with high distinction</i>	Bangor
Christopher Bruce Ballard, <i>with distinction</i>	Detroit
Gwen Elizabeth Borowicz	Boston, MA
Andrea Edith Cesare	Millinocket
Suzanne M. Drapeau	Westbrook
Dale Eric Frechette	Norway
Eric Stuart Meserve	Meredith, NH
Joan Marie Priest	Bucksport
Kevin Dean Richards	Mount Desert
Donny Jay Ross	Bangor
Cynthia Helen Sweeney	Bangor

In Psychology

Victoria Lynn Adams	Alfred
Stephen Scott Bruce	Orono
Jeffrey Paul Durr	Orange, NJ
Elizabeth Sharon Edgerly, <i>with high distinction</i>	Augusta
Denise Myra Foster	Andover
Roger Lappin Gibson	Satellite Beach, FL
Jennifer Lynn Goodwin	Shawmut
Alan Clarence Holbrook	Auburn
Richard Sturtevant James	Auburn
Michael K. Mack	Portland

Brian R. Marson III	Augusta
Deborah Lynn Matriccino, <i>with distinction</i>	Lake George, NY
Kimberly Ann Michaud	Waterville
Darlene A. Thurlow	Bangor
David D. Tracy	Skowhegan

In Public Management

Peter Alan Arno	Dover-Foxcroft
Daniel Marshall Martin	Rumford
David Woodbury Winkin	Orono

In Social Work

Marie Bonney DeRice	Yarmouth
Tammy Lynn Grover	East Holden
Michelle Marie Lambert, <i>with high distinction</i>	Westbrook
Audrey A. MacLeod	Brewer
Susan Trainor Richardson, <i>with distinction</i>	Dixmont
Susan M. Whitten	Augusta
Argenta Jane Young	Bangor

In Sociology

Troy David Conquest	Baltimore, MD
Richard James Goff III	North Conway, NH
Sergio Hebra, Jr.	Nashua, NH
Robert Paul Trumper	Yarmouth
Kevin Hayes Vickers	Carmel

In Spanish

Pamela Ellen Davis, <i>with distinction</i>	Windham
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In Speech Communication

Amy Susan Culver	Nahant, MA
Oleg R. Cytowicz, <i>with distinction</i>	Bergenfield, NJ
Jason Charles Davenport	Sharon, MA
Andrea Mary Hines	Concord, MA
Jane Bard Siegler	Old Town

In Zoology

Robert Sebastian Ascanio, <i>with high distinction</i>	Falmouth
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BACHELOR OF ARTS-SPECIAL STUDIES

Cynthia A. Dean, <i>with distinction</i>	Hampden
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BACHELOR OF MUSIC-EDUCATION

Peter Paul Bouffard, <i>with highest distinction</i>	Newport, VT
Vincent P. Bullen, <i>with high distinction</i>	Waterville
Peter John Cook, <i>with distinction</i>	Bangor
D. Loren Fields	Albion
Kay Ellen Keaton	Orono

COLLEGE OF BUSINESS ADMINISTRATION

Candidates for the Degree of

BACHELOR OF SCIENCE

Dean W. Stanley Devino

In Business Administration

Dorothy Elizabeth Andrews	Woburn, MA
Linda Schafer Archer, <i>with highest distinction</i>	Dexter
Thomas D. Carpenter, Jr.	Northampton, MA
Mark Henry Cercone, <i>with distinction</i>	North Stonington, CT
Bryan Alan Clark	Hampden
Kevin Blair Crocker	Bangor
Brigitte Bernadette Dionne	Grand Isle
Daniel J. Etzweiler	Allentown, PA
Lisa Marie Ferrell	Bangor
David Paul Field	South Portland
Tracy Anne Fredricks	Jericho, VT
Heidi Lynn Gallant	Brewer
Heather Mary Horan	Orono
Clifford L. Huff	Hollis
Lawrence Dean Jenkins, <i>with high distinction</i>	Hampden
Stephanie Lynn Keil	Jonesville, VT
John Dennis Kelley	South Harpswell
James Edwin Lowell	Rangeley
Douglas Wolff Mason	Jefferson
Laurie Lynn Mullen	Levant
Ryen Grant Munro	Cumberland
Amelia R. Murphy, <i>with distinction</i>	Orono

Edward Victor Murphy	North Andover, MA
Michael Buckley Myers	Starks
Kevin J. Nadeau, <i>with highest distinction</i>	Bangor
Andrew Peter Nagelin	Bangor
Rita P. Norris, <i>with high distinction</i>	Bangor
Richard John Palmisano, Jr.	Hadley, MA
Melinda M. Pawloski	Farmington
Mark Ashman Perry	Augusta
Eric Reed Peterlein	Auburn
Diane Elizabeth Phillips, <i>with high distinction</i>	Brewer
Penelope Ann Pratt	Moody
Stephanie-Anne Clayton Rice, <i>with highest distinction</i>	Hampden
Kenneth E. Roy	Lisbon
Brian Howard Smith	Ellsworth
Cheryl Ann Stowell	Waltham, MA
Timothy Paul Towle	Auburn
Jeffrey Scott Tully	West Boylston, MA
Gunhan Mehmet Unal	Orono
Toby Joseph Walls	Bath

CONTINUING EDUCATION DIVISION AND SUMMER SESSION

Candidates for the Degree of

BACHELOR OF UNIVERSITY STUDIES *Dean Charles R. MacRoy*

Marie-Mai J. Guyot	Carmel
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COLLEGE OF EDUCATION

Candidates for the Degree of

BACHELOR OF SCIENCE *Dean Robert A. Cobb*

In Education

Andrea Barbara Abbott	Portland
Jodelle Alys Austin	Orland

Scott Andrew Ballard	Augusta
Michael James Ballou	South Royalton, VT
Michael Beilman	Portland
Judith Ann Bell	Bangor
Paula Jean Bordeau	Mexico
Rachael D. Brooks	Pittsfield
Bonnie Gayle Brown	Hallowell
Jayne A. Chase, <i>with distinction</i>	Randolph
Julie Ann Coleman	Bangor
Margaret Elizabeth Collamore, <i>with high distinction</i>	Nobleboro
Lourdes A. Del Rio	Brewer
Douglas A Dickison	Dexter
Thomas R. DiGeronimo	Fitchburg, MA
Thomas James Dioszeghy	Lake Hiawatha, NJ
Lynn Marie Durkin	Springfield, VA
Jeffrey James Fahey	Bangor
Maureen B. Gallagher, <i>with high distinction</i>	Gorham
Christopher Gillmann	Manalapan, NJ
Brian P. Gonyar	Orono
Meredith Louise Grant	Madawaska
Pauline S. Hanley, <i>with high distinction</i>	East Millinocket
Robert Leonard Haskell	Bangor
Shawna Mae Hebert, <i>with high distinction</i>	Starks
Debra Jeanne Hodgson	Assonet, MA
Heidi Louise Hodson	Sanford
Jeffrey Hale Holmes	Westmoreland, NH
Lori Ann Hutchinson	Bucksport
Janet Melinda Kenney	Brewer
Jeffrey Brian Ketchum	Mars Hill
MaryLou Kingsbury, <i>with high distinction</i>	Bucksport
Rosanne I. Lagasse	Bangor
John R. Lander, <i>with distinction</i>	Orono
Kathleen Patricia Leahy	Medford, MA
Susan Hedberg Lewis	Nobleboro
Marc R. L'Heureux	Sanford
Patricia Marie Lowell, <i>with distinction</i>	Buckfield
Pamela Anne MacRoy	Old Town
Patricia Marie Mallett, <i>with high distinction</i>	Dover-Foxcroft
Mark Jeffrey McGhee	South Harpswell
Valerie Jean Merrill	Bangor
Lisa Ann Millett	Windham
Wendy Jo Nadeau, <i>with distinction</i>	Sangerville
Tina Marie Ouellette, <i>with highest distinction</i>	Lewiston
Dawn M. Palmer	Dixfield
John David Patrie	Bangor
Jessie M. Peacock	Richmond
Laurie Elizabeth Pike, <i>with high distinction</i>	Hudson
Maurice E. Rackliff	Milford
Annette Reichborn	Greenwich, CT
Daniel F. Reilly	West Newton, MA
Bruce William Robie	Brewer

Alice M. Ruch	Bradford
Linda W. Scott, <i>with high distinction</i>	Charleston
David A. Stanley, <i>with distinction</i>	Southwest Harbor
Steven Alan Stockford	Old Town
Allison L. Stoner	Orono
Denise Michelle Stover	East Holden
Sallie Jo Tamke	Bernardsville, NJ
Catherine Ellen Taylor	Kingfield
Mary Lou Vallerand	Greene
Margaret G. Vose	Southwest Harbor
Susan Elizabeth Watson	Newport
Ramona A. Welch	East Corinth
Victoria L. H. Wood, <i>with highest distinction</i>	Bangor
Jody Rae Woods	Ellsworth
Gail Patricia Worster	Portland
Elizabeth Anne Yeaton	Bangor

COLLEGE OF ENGINEERING AND SCIENCE

Candidates for the Degree of

BACHELOR OF SCIENCE *Dean Norman Smith*

In Chemical Engineering

Kent Laurel Johnson	Carmel
David Ernest Roy	Bristol, CT

In Civil Engineering

Patricia Ann Danowski, <i>with highest distinction</i>	Cumberland Foreside
Emily Madeline Paquet	Winslow
Peter J. Tuell	Orono

In Electrical Engineering

Carol Ann Arsenault	Rumford
Walter E. Benecke	Stetson
Scott Douglas Binette	South Portland
Rick Allen Blaisdell	Orono
Jeffrey Richard Brochu	Brewer

Mark William Brooks	.....	Columbus, OH
Joseph Louis Chiasson	.....	Portland
Philip Gervase Clarke, <i>with distinction</i>	.....	Thomaston
Mark Edward Franck	.....	Bangor
Deborah L. Goodeill	.....	Bangor
Michael G. Hegerich, <i>with distinction</i>	.....	Framingham, MA
Melvin S. Hess	.....	Searsport
Stephen Gary Jordan	.....	Stillwater
Michael Alan Kinney	.....	Vassalboro
Thomas Harold MacDonald	.....	Orrington
Austin McHugh III	.....	Saratoga Springs, NY
Matthew Rollender, <i>with high distinction</i>	.....	Gardiner
Philip A. Whitehouse	.....	Dexter

In Engineering Physics

Matthew S. Albert	.....	Augusta
Gregory Alan Fraser	.....	Westbrook
Lawrence Emerson Haskell, <i>with highest distinction</i>	.....	Ellsworth

In Mechanical Engineering

Arthur Allen Cluff	.....	Bangor
Adam E. Ek	.....	Lee
Robert Mark Festino	.....	Saco
Peter G. Hardy	.....	Dayton, OH
Anthony Jay LaMarre	.....	Waterville
Susan Gleigh McAllaster	.....	Brunswick
Michael S. Sutherland	.....	Lincoln
Robert Frank White	Oxbow

In Surveying Engineering

Thomas E. Tiller, <i>with distinction</i>	Bangor
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In Electrical Engineering Technology

Randall Robert Chicoine, <i>with high distinction</i>	Jay
André Thomas Clavette	.....	Fort Kent
Brian Richard Foss	.....	Camden
Jeffrey Bruce Hinckley	.....	East Winthrop
Steven Jeffrey Moffett	.....	Portland
Matthew G. Morneau	.....	Bradley
Daniel Kenneth Pottle	.....	Millinocket
Mark Edward Small	.....	Oakfield
Patrick James Stevens	.....	Bangor
John Thomas Summerson	.....	Presque Isle

In Mechanical Engineering Technology

Craig Alan Gordon, *with high distinction* East Millinocket
Matthew Jon Wingate Voluntown, CT

ASSOCIATE OF SCIENCE

In Civil Engineering Technology

Rodney Scott Boyington Cape Elizabeth
Nelson Emanuel Peterson Kents Hill
Adelbert W. Sutherland, *with high distinction* Bangor

In Electrical Engineering Technology

John Francis Costanza Framingham, MA
Edward Charles Hopper Old Town
Kurt L. Knowlton, *with high distinction* Stillwater
Daniel Rolfe Littlefield Old Town
Peter Wayne Morrill Gorham

In Mechanical Engineering Technology

Joel C. Anderson Etna
Timothy Francis Gorey Auburn
Timothy Wayne Marquis Stillwater
Ray Campbell Noddin II Orono
Russel S. Sossong Old Town

COLLEGE OF FOREST RESOURCES

Candidates for the Degree of

BACHELOR OF SCIENCE
Fred B. Knight, Acting Dean

In Forest Engineering

Roger F. Cressey West Buxton

In Forestry

David P. Bangert	Nashua, NH
Gary Dean Chandler	Old Town
John D. Colannino	North Providence, RI
James Clark Downie	Duanesburg, NY
Geneva A. Langway Duncan, <i>with distinction</i>	Aurora
Glenn A. Elzinga	Wyckoff, NJ
David K. Hall	Cornish
Richard Keith Hollenbaugh	Freedom, NH
Keith Philip Johnson	East Holden
David Wayne Libby, <i>with high distinction</i>	South Harpswell
Todd Eric Massey	Winslow
Nathan George McKeen	Jewett City, CT
Michael G. Michaud	Eagle Lake
James P. Miller, <i>with high distinction</i>	Reading, PA
Ben Stuart Moore, <i>with distinction</i>	Orono
D. Keith Parlette	Lockport, NY
Timothy Lloyd Richards	Jay
Jeffrey John Slahor, <i>with highest distinction</i>	Bangor
James M. St. Clair	Kingfield
Thomas David Strong	Manville, NJ
Daniel Joseph Sullivan, Jr.	Bangor

In Forestry and Wildlife Management

Andrew P. Weik, <i>with highest distinction</i>	Lakeside, CT
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In Recreation and Park Management

Sara Caroline Flipse	Auburn
Christopher Brian Mader	Boonton, NJ

In Wildlife Management

Jason Abbott Barker, <i>with distinction</i>	Union
Celeste J. Doyle, <i>with high distinction</i>	Pittsfield, MA
Brian Jeffrey Kenney	Northport, NY
Stephen Douglas McCoy	Severna Park, MD
Michael Timothy Parker	Holbrook, MA

In Wood Technology

Zaini Ithnin HJ. A. Rajak	Orono
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ASSOCIATE OF SCIENCE

In Forest Management Technology

Richard Allen Grover	Wiscasset
Thomas Francis Pelletier	Milford
Dana Gene Quincy	Portland
Mark L. Rousseau	Plainville, CT
John David Thebarge	Fort Fairfield
Michael Everett Valliere	Frankfort

COLLEGE OF LIFE SCIENCES AND AGRICULTURE

Candidates for the Degree of

BACHELOR OF SCIENCE

Dean Wallace C. Dunham

In Agribusiness and Resource Economics

Glenn David Blair	Old Town
Todd James Peabody	Houlton
Shaun Patrick Rogers	Brewer

In Agricultural Mechanization

James Bryan McCormack	Hingham, MA
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In Animal and Veterinary Sciences

Michele Hope Closson	Portland
Lisa Elaine Dumont, <i>with distinction</i>	Old Town
Carole Elaine Ferris	Canton
Lorena Ann Ott	Groton, CT
Shanon Elizabeth Stowe	York

In Biology

Peter Chason Brooks, <i>with high distinction</i>	Pittsfield
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In Botany

Roger Harold Johnstone	Hallowell
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In Child Development/Family Relations

James Micheal Balzano	Portland
Nancylee Collins	Bow, NH
Alfred J. Dana	Old Town
Michelle Holli Duprey, <i>with distinction</i>	South Portland
Sandra C. Egan	Scituate, MA
Dawn Elizabeth Fraser, <i>with distinction</i>	Orrington
Stephanie Lynn Gripp	Bangor
Suzanne Marie Hart	Orono
Lynne Diane Haudenschild, <i>with high distinction</i>	Old Town
Jo-Lyn Jordan	Orono
Donna J. Messier, <i>with highest distinction</i>	Old Town
Cathy Alta Moran, <i>with distinction</i>	Bangor
Daniel Leslie Myers	Portland
Susan J. Perry	Augusta
Sandra Jean Porter, <i>with high distinction</i>	Passadumkeag
Molly Jean Robinson	Hampden
Blaine Lee VanDyne	Dover-Foxcroft
Kimberley Anne Wlodarczyk, <i>with high distinction</i>	Westboro, MA

In Food and Nutrition

Norma J. Desjardins, <i>with highest distinction</i>	Bangor
Jeffrey Michael Zabik	Orono

In Health and Family Life Education

Diane Elizabeth Curran	Sangerville
Marsha Lynn Jewell, <i>with distinction</i>	Belfast

In Home Economics

Michelle Barbara Ferraro	Colonia, NJ
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In Landscape Horticulture

James Alan Fay	Fryeburg
Jill G. Gilman	Old Town

In Microbiology

Denise Marie Auger	Saco
Richard Allan Hartley	Scarboro
Hugh Douglas Wight	Groveland, MA

In Natural Resources

Vicki Anita Trefts, <i>with high distinction</i>	LaGrange
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In Nursing

Lisa J. Kelly	Augusta
Karen M. Oakes	Waterville

In Plant and Soil Sciences

Mark A. Peryea	Plattsburg, NY
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ASSOCIATE OF SCIENCE

In Agricultural Mechanization Technology

Daryl B. Boyington	Milford
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In Animal Agricultural Technology

Jeffrey Blaine Cummings	Sherman Station
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In Animal Medical Technology

Lorena Ann Ott	Groton, CT
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In Landscape and Nursery Management

Stephen Louis Dubinski	Pottstown, PA
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In Merchandising

Judith Ann Gaetani	Old Town
Amy Louise Lemieux, <i>with distinction</i>	Old Town

Christine Elaine Sherman	Bangor
Kellie Ann Stratton	Hancock

In Merchandising and Resource and Business Management

Torrie Marie Godfrey	Bangor
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In Resource and Business Management

Philip Sheridan Drew, <i>with highest distinction</i>	Milo
Nathan E. Jones	Fort Fairfield
Kenan J. Krug	Dedham, MA
Valerie Ann McDonough	Middleton, MA
Sherry Lynn Paul	Gardiner

UNIVERSITY COLLEGE

Candidates for the Degree of

ASSOCIATE OF ARTS

Dean Charles R. MacRoy

In Liberal Studies

Robert Scott Berube	Lisbon
Kelly Lynne Billington	Sebago Lake
Susan Lynn Dolliver	Portland
Paul F. Doucette, <i>with highest distinction</i>	Bucksport
Robert James Ferentz	Windham
Georgia L. Goode, <i>with highest distinction</i>	Old Town
Alan Richard Grant	Falmouth
Debora Elaine Herweg	Brewer
Anita C. Mariatt Johndro, <i>with high distinction</i>	Dover-Foxcroft
Kerry Todd Joyce	South Windham
Jonathan F. Kominik	Newton, MA
Russell P. Legare II	Stillwater
Mark Eric Little	Pembroke
Jeffrey A. Losier, <i>with highest distinction</i>	Bangor
Joseph Alphonse Mariani	Medfield, MA
Kimberly Ann Maxheimer, <i>with distinction</i>	Old Town
John McInnes IV	Cumberland Foreside

Carla J. Meuse	.....	Newport
Joseph M. Parisi, <i>with distinction</i>	.....	Bridgeton, NJ
Robert John Perkins, <i>with distinction</i>	.....	Orono
Timothy Arthur Piekart	.....	Phillips
Eric Gene Sanborn	.....	Milo
Nina Schmir	.....	Hamden, CT
Lynn Sewell	.....	Orono
Clara Hardy Stone, <i>with highest distinction</i>	.....	Stonington
Scott A. Thomas	.....	Old Town
Andrew Woodhead	.....	Lewiston

ASSOCIATE OF SCIENCE

In Business Management

Roger Bruce Ashe, <i>with distinction</i>	.....	Old Town
James Howard Davenport	.....	Bangor
Jennifer McGraw McCourt	.....	Bangor
Edwin E. Merrill	.....	Howland
Lynn Amy Russell	.....	Bangor
Betty Lou Sawyer	.....	Gouldsboro
Dorothy Morrill Smith, <i>with high distinction</i>	.....	Old Town
Rodney George St. Louis	.....	Milford

In Human Services

Esther Anne Altvater, <i>with distinction</i>	.....	Old Town
Kathleen F. Bearce, <i>with high distinction</i>	.....	Bangor
Timothy Louis Crafton, <i>with high distinction</i>	.....	Dixmont
Maureen T. Flagg, <i>with highest distinction</i>	.....	Bangor
Sheryl Lynn Jordan	.....	Bangor
Mona Lisa O'Donnell, <i>with distinction</i>	.....	Orrington
Carolyn Ann Pepin, <i>with distinction</i>	.....	Bangor
Carolyn L. Stymiest, <i>with highest distinction</i>	.....	East Corinth

In Legal Technology

Robin A. Anderson	.....	Hampden
Michael Jeffrey Burgess, <i>with distinction</i>	.....	Milford
Mary Ann Closson	.....	Stonington
Robert H. Findlay	.....	Bucksport
Sharon L. Frechette, <i>with high distinction</i>	.....	Jay
Karen Lee Glew	.....	Bangor
Leigh Williams Guildford	.....	Ellsworth
Kraig Foster Hall, <i>with highest distinction</i>	.....	Wayne
Kenneth James Lindsey	.....	Rockland

Cyr P. Martin	Eagle Lake
Donalene Orlando, <i>with highest distinction</i>	Bangor
Margaret Ann Parker	Orono
Tracy Lee Pattershall, <i>with distinction</i>	Bangor
Karen Ann Perreault, <i>with high distinction</i>	Jay
Scott A. Scripture, <i>with distinction</i>	Bangor
Brian P. Strout, <i>with distinction</i>	Hampden

CERTIFICATE IN DENTAL ASSISTING

Kelly Anne Green Bangor

UNIVERSITY OF MAINE DEGREES

The University of Maine offers curricula in a wide variety of academic fields leading to the associate, baccalaureate, master's and doctoral degrees. The associate degree is awarded upon satisfactory completion of a prescribed two-year program. Baccalaureate, or bachelor's degree, is awarded to undergraduate students who complete the required program in their respective departments. A Fifth-Year Certificate in Pulp and Paper Management is awarded after a year's specialized study, either concurrently with the appropriate baccalaureate degree, or, separately, a year later. A Certificate of Advanced Study (C.A.S.) is available for specified graduate study beyond the master's degree. Master's and doctoral degrees are awarded to students who complete prescribed graduate study.

Associate degrees are conferred with *distinction*, *high distinction*, or *highest distinction* upon students who have achieved an average rank of B or better as their average grade is based on all the degree credit taken at the University of Maine. These hours comprise at least half of the degree hours including the last semester of the second year in resident study at the University of Maine.

Baccalaureate degrees are conferred with *distinction*, *high distinction*, or *highest distinction* based upon students who have achieved an average rank of B or better and are based on all the degree credit taken at the University of Maine. These hours comprise at least half of the degree hours including the second semester of the senior year in resident study at the University of Maine.

Baccalaureate degrees are conferred with *honors*, *high honors*, or *highest honors* upon students in the Honors Program. In order to receive a degree with honors a student must have a minimum of four semesters of work in the Honors Program, including both semesters of the senior year, and at least one semester of group tutorials.

Degrees are awarded at the end of the semester or session in which degree requirements have been completed not necessarily accompanied by commencement ceremonies. Descriptions of degrees awarded by the University, as well as the requirements for graduation with *distinction* or with *honors* may be found in the general catalog.

ACADEMIC DRESS

Academic costume originated in Europe about seven hundred years ago. It consists of the gown, hood, and cap. Now much modified, each level of academic achievement still retains a distinctive gown and hood.

The hood, when worn for the bachelor's degree, is three feet long, for the master's degree, three and one-half feet, and for the doctor's degree, four feet. Hoods are lined with the official color of the college or university conferring the degree. For the University of Maine, this is pale blue.

The velvet edging of the hoods varies in widths according to the degree. Its color is distinctive of the subject to which the degree pertains. Some of the colors and associated subjects are:

Agriculture	Maize
Arts, Letters, Humanities	White
Business	Drab
Education	Light Blue
Engineering	Orange
Forestry	Russet
Human Development	Maroon
Music	Pink
Philosophy	Dark Blue
Science	Golden Yellow

The caps are usually of the same material as the gown. The tassel is black or the color appropriate to the subject, except that the doctor's cap may have a gold tassel.

Many European institutions have gowns, hoods, and caps of original and frequently colorful design.

Honors graduates are wearing a gold braid cord around their necks.

The listing of degree candidates as well as the distinctions are tentative only since the printing of this program was required prior to the final certification of each candidate for a degree.

COMMENCEMENT COMMITTEE

Scott Anchors	Barbara Csavinszky	Albert Klinge
Karen Boucias	Edgar Cyrus	Brian Page
Douglas Bousfield	Cynthia Faulkner	Dwight Rideout
Cassandra Bruns	Carole Gardner	Del Anne Rowe
Warren Burns	Diane Garsombke	William Soule
Sally Carlisle	Elizabeth Gordon	Devon Storman
Luci Carter	John Hitt, Chair	Warren Tomkiewicz
Rita Chesley	Benjamin Hoffman	Steven Trachtenberg
John Collins	Constance Holden	

COMMENCEMENT MUSIC

Prelude Concert:

Two Pieces	Holborne
Pastime Rag	Joplin
If Thou Be Near	Bach
Selections from <i>The Sound of Music</i>	Rodgers

Processional:

Trumpet Tune and Voluntary	Clarke
March	Von Weber

Recessional:

Finale from Symphony for Brass Choir

Music by the Orono Brass

Fred Heath Coordinator

