

*89th Annual
Commencement
North Carolina State University
at Raleigh*

*Saturday, May 13
Nineteen Hundred and Seventy Eight
Degrees Awarded 1977-78*

CORRECTED COPY



DEGREES CONFERRED



A corrected issue of undergraduate and graduate degrees including degrees awarded June 29, 1977, August 10, 1977, and December 21, 1977.

Musical Program

EXERCISES OF GRADUATION

May 13, 1978

CARILLON CONCERT: 8:30 A.M.
Lucy Procter, Carillonneur

The Memorial Tower

COMMENCEMENT BAND CONCERT: 8:45 A.M.
William Neal Reynolds Coliseum

AMPARITO ROCA Texidor

EGMONT, Overture Beethoven

PROCESSION OF THE NOBLES Rimsky-Korsakov

AMERICA THE BEAUTIFUL Ward-Dragon

PROCESSIONAL: 9:15 A.M.
March Processional Grundman

RECESSIONAL:
University Grand March Goldman

NORTH CAROLINA STATE UNIVERSITY COMMENCEMENT BAND

Donald B. Adeock, Conductor

The Alma Mater

Words by

ALVIN M. FOUNTAIN, '23

Music by:

BONNIE F. NORRIS, JR., '23

Where the winds of Dixie softly blow
o'er the fields of Caroline,

There stands ever cherished N. C. State,
as thy honored shrine.

So lift your voices; Loudly sing
from hill to oceanside!

Our hearts ever hold you, N. C. State,
in the folds of our love and pride.

Exercises of Graduation

William Neal Reynolds Coliseum

Joab L. Thomas, *Chancellor*
Presiding

May 13, 1978

PROCESSIONAL, 9:15 A.M. Donald B. Adcock
Conductor, North Carolina State University Commencement Band
The Audience is requested to remain seated during
the Processional.

INVOCATION The Reverend W. Joseph Mann
Methodist Chaplain, North Carolina State University

ADDRESS Roy H. Park
President, Park Broadcasting Inc. and Park Newspapers, Inc.

CONFERRING OF DEGREES Chancellor Joab L. Thomas
Candidates for baccalaureate degrees presented by
Deans of Schools. Candidates for advanced degrees
presented by Dean of Graduate School

ADDRESS TO FELLOW GRADUATES Paul William Saxe
Class of 1978

ANNOUNCEMENT OF GOODWIFE AND
GOODHUSBAND DIPLOMAS Harold Marriott Draper
Solutorian

ANNOUNCEMENT OF OUTSTANDING
TEACHER AWARDS Hilary Kate Ellwood
Valedictorian

REMARKS William C. Friday
President, The University of North Carolina

ALMA MATER Milton C. Bliss
Assistant Director of Music

The Audience is invited to stand and join in singing
the Alma Mater.

BENEDICTION

RECESSIONAL

The Audience is requested to remain seated until the
Recessional music is completed.

Escorts for these graduation exercises
provided by the Air Force ROTC
and the Army ROTC

Social Hour and Distribution of Diplomas

School and Department Locations

School of Agriculture and Life Sciences—11:15 a.m.

Adult Education	Room 6, McKimmon Center, Western Boulevard
Agronomy, Crop Science, Individualized Study Program, and Soil Science	2215 and 2223 Williams Hall
Animal Science	Room 2, McKimmon Center
Biological and Agricultural Engineering	158 Weaver Laboratories
Biological Sciences	222 Dabney Hall
Biochemistry	
Biological Sciences Major	
Botany	
Ecology	
Entomology	
Genetics	
Microbiology	
Nutrition	
Pest Management	
Plant Pathology	

Conservation	Back lobby of Coliseum or 2215 and 2223 Williams Hall
Economics and Business	Scott Pavilion, State Fairground
Food Science	105 Schaub-Food Science Building
Horticultural Science	121, 125 and 159 Kilgore Hall
Poultry Science	Baptist Student Center, 2702 Hillsborough Street
Rural Sociology	218 Withers Hall
Zoology	back lobby of Coliseum
Fisheries and Marine Biology	
Medical Technology	
Pre-Dental and Pre-Medical	
Wildlife Biology	
Zoology Majors	

School of Design—11:30 a.m. Stewart Theatre

School of Education—11:15 a.m.

Administration and Supervision	205 Poe Hall
Adult & Community College Education	6 McKimmon Center

Agricultural Education	Curriculum Materials Center, 400 Poe Hall
Guidance & Personnel Service	220 Poe Hall
Industrial Arts Education	218 Poe Hall
Mathematics & Science Education	216 Poe Hall
Occupational Education	209 Poe Hall
Secondary Education, Special Education & Curriculum Instruction	211 Poe Hall
Vocational Industrial Education and Technical Education	412 Poe Hall
Psychology—11:45 a.m.	216 Poe Hall
School of Engineering 11:15 a.m.	
Biological & Agricultural Engineering	158 Weaver Laboratories
Chemical Engineering	115 Riddick Laboratories
Civil Engineering	Lobby of Mann Hall
Electrical Engineering	Thompson Theatre
Engineering Science and Mechanics	Lobby of Mann Hall
Engineering Operations	242 Riddick Laboratories
Furniture Manufacturing and Management	234 Riddick Laboratories
Industrial Engineering	234 Riddick Laboratories
Mechanical and Aerospace Engineering	University Student Center Ballroom
Materials Engineering	Conference Room, Alumni Building
Nuclear Engineering	North Portico, Burlington Engineering Laboratories
School of Forest Resources 11:15 a.m.	Carmichael Gymnasium, west end, Main Floor
School of Humanities and Social Sciences—11:30 a.m.	
Economics and Business	Scott Pavilion, State Fairground
English, Foreign Languages and Literatures, Philosophy and Religion	West Raleigh Presbyterian Church, 27 Horne Street
History	Theatre, Erdahl-Cloyd Union
Political Science	Court of North Carolina (Off Primrose Avenue) (213 Tompkins Hall in the event of inclement weather)
Sociology	218 Withers Hall
Speech-Communication	Room 113, Tompkins Hall
School of Physical and Mathematical Sciences—11:15 a.m.	117 Cox Hall
School of Textiles—11:15 a.m.	Campbell Auditorium, 240 Nelson Building

ROTC COMMISSIONING CEREMONY

LIEUTENANT COLONEL SAMUEL A. HOLCOMB
Presiding

Stewart Theatre

13 May 1978

PROCESSIONAL MARCH, 2:00 P.M. Donald B. Adcock
Conductor, North Carolina State University Commencement Band
The audience is requested to remain seated until Processional music is completed

NATIONAL ANTHEM

INVOCATION The Reverend Stephen P. Gerhard
Lutheran Chaplain, North Carolina State University

INTRODUCTIONS Joab L. Thomas
Chancellor, North Carolina State University

ADDRESS Ralph E. Fadum
Dean, School of Engineering
North Carolina State University

ADMINISTRATION OF OATH
OF OFFICE Lieutenant Colonel Samuel A. Holcomb
Professor of Military Science
Lieutenant Colonel Harold D. Woods
Professor of Aerospace Studies
Captain Ronniere L. Burton
US Marine Corps, Officer Selection Office

PRESENTATION OF CERTIFICATES Ralph E. Fadum
Dean, School of Engineering
North Carolina State University

BENEDICTION The Reverend Stephen P. Gerhard
Lutheran Chaplain, North Carolina State University

ARMED FORCES MEDLEY Donald B. Adcock
Conductor, North Carolina State University
Commencement Band

Academic Costume

Academic gowns represent a tradition handed down from the universities of the Middle Ages. These institutions were founded by the Church; the students, being clerics, were obliged to wear the prescribed gowns at all times. Round caps later became square mortarboards; the hoods, originally cowls attached to the gowns, could be slipped over the head for warmth.

Many European universities have distinctive caps and gowns which are different from those commonly used in this country. Some of the gowns are of bright colors and some are embellished with fur. A number of these may be noted in the procession.

The usual color for academic gowns in the United States is black. The bachelor's gown is worn closed, the master's and doctor's may be worn open or closed. The shape of the sleeve is the distinguishing mark of the gown: bachelor—long pointed sleeves; master—oblong, square cut in back with an arc cut away in front; doctor—bell shaped.

Caps are black. The tassels for the Ph.D. degree are gold and those for other graduate and professional degrees may be of the color corresponding to the trimmings on the hoods. The color of the tassels for bachelor's degrees indicates the curriculum of the graduate: Agriculture, maize; Design, brown; Education, light blue; Engineering, orange; Forest Resources, russet; Liberal Arts, white; Physical and Mathematical Sciences, yellow; Textiles, wine red.

The hoods are lined with the color of the institution from which the wearer received his degree. The trimming or collar of the hood is the color which designates the degree: Liberal Arts, white; Fine Arts and Architecture, brown; Science, golden yellow; Music, pink; Divinity, scarlet; Law, purple; Engineering, orange; Philosophy, blue; Medicine, green; Forestry, russet; Textile, wine red.

Honorary degree hoods are distinguished as follows: Master of Arts (M.A.), white; Doctor of Humane Letters (L.H.D.), white; Doctor of Sciences (Sc.D.), golden yellow; Doctor of Divinity (D.D.), scarlet; Doctor of Laws (L.L.D.), purple.

DEGREES CONFERRED

May 13, 1978

School of Agriculture and Life Sciences



BACHELOR OF SCIENCE IN BIOLOGICAL AND AGRICULTURAL ENGINEERING

Jointly administered by the School of Agriculture and Life Sciences and the School of Engineering. See page 21 under the School of Engineering for a listing of the graduating seniors in the jointly administered program.

BACHELOR OF SCIENCE IN CONSERVATION

Jointly administered by the School of Agriculture and Life Sciences and the School of Forest Resources.

Fredrick York Alexander	Statesville
H**Harold Marriott Draper, III	Pleasant Garden
Lester Maxwell Greene	Roanoke Rapids
Vernon Caddy Janke	Knightdale
Joseph Merrill Lynch	Roanoke Rapids
Joseph Arthur Morawski	Raleigh
Harry Wayne Rakestraw	Reidsville
Eric Kavin Rawls	Cary
James Mason Sempsrott	Raleigh
Simon Leroy Shultman, III	Charlotte

BACHELOR OF SCIENCE

Agricultural Economics

*Jere Robert Buch	Mountville, PA
*James Robert Burgin	Cary
Robert Gerald Cody	Marshall
Thomas Malcolm Davidson	Bethesda, MD
*Silas Washington Davis, Jr.	Charlotte
H*Mary Adams Perebee	Camden

* Honors

** High Honors

H Honors Program

James Dillon Forbes	Greenville
Charles Lemuel Goode	Raleigh
William Ernest Johnson, Jr.	Bear Creek
Arthur George McDonald	Kingston, Jamaica
Edward Lee McMillan, III	Pfafftown
Kirby Vaughn Pearce	Wake Forest
Marion Benton Pleasant, III	Angier
*Henry Wade Reece	Boonville
Donald Terrell Sinclair	Lexington
Marvin Lee Smith	Rocky Mount
Fred Street, III	Forest City
*David Moore Warren	Durham
*Gregory S. Williams	Asheboro

Agronomy

Charles Reginald Bain	Bunnlevel
Garland Dallas Barnes	Severn
*Roger Raymond Black	Thomasville
Jan Nicolaas Bloemen	Helmond, Netherlands
H**David Wayne Britton	Pendleton
Wyatt Lane Brown	Selma
William Smithson Bugg, Jr.	Warrenton
Gregory Lind Craver	High Point
John Winslow Cromwell, Jr.	Virginia Beach, VA
Cameron Rusty Eaker	Cherryville
*Myron Ossie Fountain	Richlands
**Eric John Kolbinsky	Durham
John Michael Mann	Boykins, VA
*Kenneth Neil McCaskill	West End
Tony Lee Patterson	Stony Point
H*Stephen Scott Strickland	Smithfield
**Frederick Martin Williams	Wilmington
H**Linda MacKay Williams	Wilmington
H**Henry Anderson Wilson, III ..	Summerfield
H*Stanley Jay Winslow	Belvidere

Animal Science

*Robin Sidney Adair	Beaufort
Nancy Louise Angle	Milton
H*John Michael Beck	High Point
H*George Kenneth Blue	Lawndale
*Paula Ann Cash	Apex
*Larry Allan Cloninger	Stanley
Lance Laramie Clough	Columbia
Terry Eugene Combs	North Wilkesboro
H*Joseph Vann Cooper	Pittsboro
*Craig Alfred Corry	Greensboro
**Gerda Ann DeJong	Pinetown
H**Richard Choice Dixon	Shelby
Donna Sue Dorsey	Fayetteville
Barbara Ann Ellington	Charlotte

* Honors

** High Honors

H Honors Program

	John Thomas Elliott	Lawndale
H*	Kathleen Gibson	Laurinburg
	John Davis Gillis, II	Fayetteville
	Dewey Glenn Godfrey, Jr.	Sanford
	Dixie Carol Grady	Goldshoro
	Roy Neal Grose	Harmony
**	James William Hadley	Snow Camp
*	Tamara Sue Henderson	Durham
	Sandra Kay Herre	Gastonia
	Claude Danny Hicks	Candor
	Johnnie Davis Hinsley, III	Raleigh
	William George Johnson	Shelby
	William Owen Johnson	Statesville
*	Peggy Ann Johnston	Laurinburg
H*	Karen Lynn Jones	Pinnacle
	Norman Arthur Jordan, Jr.	Siler City
	Terry Wayne Kollman	Colonial Heights, VA
	Ralph Douglas Lail	Conover
H*	Philip Austin Langley	Princeton
H*	Amy Jane Lewis	Raleigh
H*	William Max Little, Jr.	Jefferson
	Kim Rochelle Logner	Pinehurst
	Pamela Carol MacDonald	China Grove
	Steven Lane McNeill	Sanford
	William Jean Minton, Jr.	Cary
	Raymond Harrison Moore, Jr.	Sharpsburg
*	Stephan Allan Neuenschwander	Swannanoa
	Robin Adell Owens	Durham
H**	Rex Alan Pegram	Lewisville
H*	Donna Marie Pope	Winston-Salem
**	Ronald William Prestage	Clinton
*	Daniel Lawrence Ragan	Raleigh
	Larry Carl Sharpe	Greensboro
*	Benjamin Franklin Shelton, III	Hobgood
**	Michael Elliott Sink	Athens, GA
	Leslie Wayne Smith	Albion, IL
	Randy Parks Stroud	Statesville
H*	William Robert Utley	Charlotte
	Mark Wayne Williams	Salisbury

Biological and Agricultural Engineering

	Gene Franklin Brisson	Bladenboro
	Bobby Ray Gentry	Roaring River
	Timothy Jon Gull	Conover
H**	Joseph Michael Hanks	Hays
	Robert Kent Hill	Smithfield
	William Robert Mangum	Lillington
	Dennis McCoy Powell	Powellsville
H*	Luke Eldon Reese	Taylorsville
H*	Gary Thomas Roberson	Williamston
	David Allen Sartain	Monroe
	Willis Keith Stroud	Pink Hill
	Samuel Garfield Warren	Chocowinity

* Honors

** High Honors

H Honors Program

Biological Sciences

H* Anita Louise Campbell	Winston-Salem
Iris Lorraine Clontz	Charlotte
H* Eugene Winston Coleman	Charlotte
H** Patsy Foster Daniels	Lewisville
Diane Ize DeGraffenreid	Carrboro
** Robert Cedric Dellinger, Jr.	Charlotte
Kathryn Mills Fuller	Raleigh
John Joseph Harner	Garner
James Robert Heyward, Jr.	Enka
Richard Williams Howell	Charlotte
Paul Bennett Hutt	Washington, DC
H* Kurt Randall Jarnagin	Chapel Hill
Timothy Lee Jordan	Ahoskie
* Thomas Sellers Lease	Raleigh
* Robert Preston Lentz	Burlington
H** Harold David Leonard, Jr.	Greenville
Rhonda Karen Malizka	Luray, VA
H** Richard Harvey Mann	Raleigh
Terry Dean Martin	Granite Quarry
* Mary Lou McMullen	Charlotte
** Timothy Lee Monteith	Brevard
H** Beth Ann Odum	Jacksonville
Carlos Jan Page	Durham
H* Douglas Mark Reed	Atlanta, GA
Richard E. Royal	Charlotte
* Paul Daniel Ryskiewich	Burlington
Susan Rebecca Setzer	Forest City
H* Freda Ann Snider	Liberty
George Benson Stearns	Raleigh
Kathy Carver Steinsberger	Raleigh
H* Scott Charles Steinsberger	Raleigh
H* Alisha Karen Stephens	Charlotte
** Alfred Gerald Strickland	Bunn
Julia Ann Williams	Wingate

Botany

Fredrick York Alexander	Statesville
Rhonda Leah Britt	Southern Pines
H** Hilary Jane Brooks	Oak Ridge
H** Harold Marriott Draper, III	Pleasant Garden
Donnie Eugene Eplee	Rutherfordton
* Donna Sapp Fabric	Gainesville, FL
H* Thomas Alexander Melton, III	Charlotte
Mark Daniel Uhteg	Kinston
* Ann Clayton West	Ft. Lauderdale, FL
** Edward Michael Wolfe	Sparta, NJ

Crop Science

**Mahshid Company	Tehran, Iran
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Entomology

*Keith Dennis Porter	Clarendon, Jamaica
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* Honors ** High Honors H Honors Program

*Robert Thomas Veasey, Jr.	Aberdeen
Ernest Marvin Watts, Jr.	Morganton
**James Bryan Whitfield	Raleigh

Food Science

**Jill Edith Armstrong	Swansboro
Betty Lynn Boswell	Lucama
James Kenneth Boyte	Roxie, MS
H**Elizabeth Louise Coletti	Chicago, IL
Neal Alan Cowan	Winston-Salem
Julia Gale Gibson	High Point
Paul Edward Hill	Flat Rock
*Deborah Neel Maya	Albemarle
**Margaret Kay Treadwell	Wilmington

Horticultural Science

Ruth Whiting Adams	Asheville
Cynthia Grace Bailey	Wilmington
Paula Rae Bell	Greensboro
**Fred Baird Blackley	Matthews
Carolyn Sue Boyd	High Point
H**Elizabeth Perkins Boyer	Washington
William Smithson Bugg, Jr.	Warrenton
*Anthony Scott Carpenter	Shelby
Orlando Fern Comer	Eagle Springs
*Donna Rae Cosden	Easton, MD
*Clyde Ronell Dalton	Hendersonville
Donnie Eugene Eplee	Rutherfordton
*David Leitner Ervin	Statesville
*Donna Sapp Fabric	Gainesville, FL
*Michael Scott Fitzner	Greensboro
Frank Powell Fox, Jr.	Oxford
Steven Charles Fuchs	Stokes
**Martha Jean Gruelle	Wilmington
*Mary Calvert Hall	Reidsville
Judy Jane Hearn	Bethesda, MD
*Julia Leigh Jordan	Winston-Salem
Lucille Lee Keating	Raleigh
H**Michael David Killian	Hendersonville
Marvin Douglas Lee	Kinston
Mary Gail Levi	Asheville
H*Andrew Venning McMurry	Shelby
James Douglas McRae, Jr.	Laurinburg
Ann Yancey Mebane	Mebane
*Beverly Smith Purnell	Monroe
**Margaret Lyne Randell	Aberdeen, SD
Douglas Warren Rushing	Wingate
**Tena Denese Shepherd	Greensboro
*Jill Carol Singer	Flushing, NY
Peter Jon Swenson	Kennebunk, ME
Randall Marvin Wells	Dallas
*Ann Clayton West	Ft. Lauderdale, FL

* Honors

** High Honors

H Honors Program

Individualized Study Program

*Eugene Paschal Brantly, Jr	Raleigh
H*James Wilton Musselwhite	Lumberton

Medical Technology

*MaryToni Germani Bachman	Syracuse, NY
Martha Louise Jerome	Coolesmeemee
*Geraldine Alice Pulllease	Winston-Salem

Pest Management for Crop Protection

James Chester Barbour, III	Smithfield
H*Larry James Wilson	Shelby

Poultry Science

H*Robin Sidney Adair	Beaufort
James Dennis Brooks	Siler City
H*John Garvin Brown	Burlington
H*Mae Charlene Callis	Cofield
*Larry Allan Cloninger	Stanley
Terry Eugene Combs	North Wilkesboro
John Michael Johnson	Charlotte
Merrill Frederick Kahl	Havelock
H*Jessica Ann Lasley	Cary
H*William Max Little, Jr.	Jefferson
H*Donald Ray McIntyre, Jr.	Stony Point
*Lawrence Emery Miller	Asheville
Raymond Harrison Moore, Jr.	Sharpsburg
**Rex Alan Pegram	Lewisville
Larry Ray Stanley	Durham
Thomas James Stinnett	Wake Forest
Randy Parks Stroud	Statesville
Mark Wayne Williams	Salisbury, MD

Rural Sociology

**Sherry Hough Cole	Raleigh
*Denise James Parker	Greensboro
Joseph Lawrence Walden	Raleigh

Soil Science

H*Celia Lynne Cannon	New Bern
Thomas Herman Howard	Lincolnton
*Michael Kerry Kimbro	Greensboro
H**Timothy Clark Martin	Shelby
**Roger Lane Pearce	Rocky Mount

Wildlife Biology

Robert Kornegay Abernethy	Charlotte
H**Alice Ward Allen	New Bern
Ethel Ruth Allen	Tar Heel
**Gary Thomas Allred	Asheboro

* Honors ** High Honors H Honors Program

H*	Roberta Jo Blue	High Point
	*Elisabeth Korytynski Gardner	Raleigh
**	Robert Berry Green	High Point
	Mark Kevin Grigg	Gastonia
	*Peter Thomas Hertl	Raleigh
	William James Kahler	Muncy, PA
	Morris Vann Mitchell	Spring Hope
H**	Edgar Barry Moser	Greensboro
	*Jennie Kathryn Reaves	Charlotte
H**	Richard Raymond Repasky	Charlotte
	Johnny Michael Sanders	Franklin
	Clarence Edgar Stevens	Council
	James Phillip Tillotson, Jr.	Mount Airy
	James Dale White	Salisbury

Zoology

	*Martha Irene Barnes	Birmingham, MI
	*Frederick Coleman Beck	Wadesboro
H**	Peter Uwe Bendt	Fayetteville
	**Lewis Bryant Bolin, Jr.	Gastonia
H*	Donna Collier Bowman	Kinston
	*Matthew Anthony Bridger	Raleigh
	William Thurston Broughton	Raleigh
	*Susan Caryl Bullock	Durham
**	Thomas Joseph Burns	Bordentown, NJ
	James Wesley Cashwell	High Point
**	Steven Fredrick Chapman	Asheville
	*Gregory Alan Childress	Traphill
	*Martha Abernethy Combs	Hickory
	**James Ernest Crenshaw, Jr.	Gastonia
H**	Robin Sheryl Cuthbertson	Charlotte
**	Patsy Foster Daniels	Lewisville
	Mark Shelton Davis	Bryson City
H**	Katherine Ann Donaldson	Raleigh
H*	Timothy Lester Donnelly	Apex
H**	Hilary Kate Ellwood	Raleigh
	Danny Darrell English	Pascagoula, MS
H**	Matthew Todd Faraone	Burlington
	Susan Leslie Fore	Charlotte
H**	Karen Lynne Freeman	Raleigh
H**	William Lewis Fulcher, III	Raleigh
	Sherwood Auburn Godwin	Pikeville
	Steven Garrett Gregg	Wilmington, DE
	*Deborah Gail Grimes	Fayetteville
	Frank Marcus Gupton	Raleigh
H**	Nelson Ardd Haden	Asheboro
H**	Joseph Earl Hightower	Jefferson
	*Kimbrough Montgomery Hornsby	Garner
	Karen Grey Hudson	Reidsville
**	David Sprague Hunt	Raleigh
	Jon Mathews Iglehart	Severna Park, MD
**	David Edward Johnson	Shelby

* Honors

** High Honors

H Honors Program

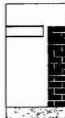
H*	Peggy Ann Johnston	Laurinburg
H*	Philip Brent Jones	Mt. Gilead
H**	David Wayne Lee	Wilmington
	*Robert Preston Lentz	Burlington
	Timothy Wayne Malburg	Greensboro
**	Thomas Wade Mangum	Charlotte
	Roger Willis Mays	Goldsboro
**	Grace Conley McCall	Marion
	Cynthia Anne McNeill	West Jefferson
	*Lawrence Emery Miller	Asheville
H*	Nancy Jane Miller	Claremont
	Catherine Jean Moore	Canton
	*Susan Louetta Moore	Selma
	*Jeffery Keith Morton	Spring Lake
**	James Lindsay Mostrom	Arlington, VA
	Elizabeth Plyler Myers	Rich Square
H	Edith Carol Neal	Shelby
H**	James Charles Osborne	Greensboro
H**	Stephen Westman Petersen	Raleigh
	Ellen Montague Pillow	Newport News, VA
H*	Peter Joseph Price	Raleigh
	*Daryl Harley Raper	Spencer
H**	MaryAnn Rozakis	Raleigh
	*Pamela Lou Russell	Star
	David Lee Rust, Jr.	Valdese
H**	Mark Garland Ruttle	Joliet, IL
	Richard Gibran Saleeby, Jr.	Raleigh
	*Timothy Herman Smith	Kinston
	*John Mark Spargo	Coolcemee
	Judith Simms Speas	Winston-Salem
	*Mark Durwood Stephenson	Fuquay-Varina
	*David DuBose Stewart	Fayetteville
**	Nancy Michelle Story	Raleigh
H*	Scott David Studenberg	New Brighton, MN
	Cynthia Leigh Thomas	Winston-Salem
**	Cynthia Lynn Tice	Moyock
H	Stephen Joseph Toth, Jr.	Greensboro
	Connie Sue Underwood	Raleigh
	William Joseph Vanderlip, Jr.	Charlotte
	Lynette Ring Venable	Winston-Salem
H**	Freda Anne Verlinden	Raleigh
H**	Helen Florence Wadsworth	Ahoskie
	Craig Bernard Walters	Louisburg
H*	Constance Jean Waterstradt	Charlotte
	*Glen Lee Watkins	Raleigh
	Vickie Lynn White	High Point
	Chapman Uzzell Joel Williams	Snow Hill
H*	David Norman Williams	Cary
**	John Howard Williams	New Bern
	Steven Adrian Wilson	Cary
	Woody Herman Yates	Morrisville

* Honors

** High Honors

H Honors Program

School of Design



BACHELOR OF ENVIRONMENTAL DESIGN IN ARCHITECTURE

*Richard McCarthy Acree, Jr.	Raleigh
*Erik B. Arnesen	Baltimore, MD
**Robert Frederick Barkhau	Raleigh
Michael Ward Behringer	Water Mill, NY
**Charles Hussey Boney, Jr.	Wilmington
**William Eugene Bradham	Greensboro
**Clark Culbertson Burritt	Greensboro
*Richard Gordon Caldwell	Raleigh
*Susan Elizabeth Cole	Goldsboro
*Ronald Pearce Cox	Moncure
*Jennet Elizabeth Dame	Charlotte
*Pamela Leshar Darney	Easton, PA
**Karen Elizabeth Gay	Rocky Mount
*Kenneth Allen Griffin	Concord
*Douglas Allen Hofer	Greensboro
*Percy Rivera Hooper, Jr.	Winston-Salem
Philip Gordon Horne	Charlotte
Ismat Abdul Fattah Hummadi	Baghdad, Iraq
**Stephen Paul Jackson	Charlotte
**Rayford William Law	Raleigh
*Thomas Vance Lawrence	Lexington
*Joel Joseph McCreary	Charlotte
*Robert Edward McCulley	Greensboro
Joseph Gilmore McDowell	Fayetteville
*James Daniel McRae	Laurinburg
*Byung-Moo Oh	Seoul, Korea
*Ernest Albert Reavis, Jr.	Stanley
*David Jeffrey Riddle	Raleigh
*Stanley Elisha Rowland	Pinetown
**Jeffrey Herbert Schoellkopf	Cherry Hill, NJ
*Michael Conrad Smith	Cary
*Donna Jean Ward	Efland
**Douglas Darby Westmoreland	Charlotte
Mark Edward Williard	Mocksville

BACHELOR OF ENVIRONMENTAL DESIGN IN LANDSCAPE ARCHITECTURE

Kenneth Frank Eichner	Washington, DC
*Elizabeth Jan Seymour	Goldsboro
*Cynthia Ann Strobel	Columbus, MI
**Linda Jane Winecoff	Charlotte
**Nur Ashiha Binti Yahaya	Perak, Malaysia

* Honors

** High Honors

H Honors Program

BACHELOR OF ENVIRONMENTAL DESIGN IN PRODUCT DESIGN

*Lesley Louise Boney	Charlotte
*Mary Josephine Coyne	Raleigh
**Joseph Stephen Davis	Iron Station
Charlotte Ann Forrest	Tarboro
Mary Carol Foster	Charlotte
**Mark Andrew Harrison	Asheville
**Renate Schuchardt Hoffman	Offenbach (Main), Germany
*Percy Rivera Hooper, Jr.	Winston-Salem
Fiona Jane Inglis	Sydney, Australia
John Eric Kirtz	Raleigh
Elizabeth Pannill Moseley	Greenville
Michael Harvey Mullins	Fayetteville
Danny Lee Pardue	Hamptonville
*Deborah Claire Smith	Greensboro
*Catherine Shaw Williams	Raleigh

School of Education



BACHELOR OF ARTS IN PSYCHOLOGY

*Joanne McCracken Albright	Raleigh
Joanna Elizabeth Andrews	Raleigh
*Toni Gournas Bailey	Raleigh
Roger Kent Ballance	Elizabeth City
David Lee Boling	Cary
**Monica Marie Bousman	Garner
*Mark Craig Briley	Raleigh
Thomas Kevin Bryan	Lansdale, PA
**Lisa Helen Coker	Raleigh
Trudy Irene Cooper	Raleigh
*Blanche Elizabeth Creech	Dover, DE
James Timothy Davis	Hamlet
Deborah Faye Dickerson	Raleigh
Margaret Cynthia Elmore	Dunn
Elven Leroy Gilliam	Nashville
**Linda Ann Gonder	Raleigh
*Lynn Elizabeth Harris	Clinton
*Deborah Pearce Hayes	Raleigh
*Theresa Edwards Hayes	Raleigh
**Donna Sheryl Hicks	Willow Springs

* Honors

** High Honors

H Honors Program

*Cheryl Ann Holder	Raleigh
Nancy Louise Hooker	New Bern
Alan Dale Huneycutt	Mountain Home
**Ella Marie Inman	Tabor City
*Robert Lewis Jordan	Winston-Salem
Marie Ellen Libby	Raleigh
Maureen Suzanne McCusty	Charlottesville, VA
Betty Myrtle Minton	Cary
Patrick Allan Nelson	Valley Forge, PA
Colleen Murray Oeters	Raleigh
Karen Michele Pappas	Gastonia
Virginia Karen Pearson	Gibson
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William Thomas Ross	Oak City
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* Honors

** High Honors

H Honors Program

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Mark Arlin Pauls	Raleigh
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*Joy Denise James	Bethel
Carolyn Elizabeth Johnson	Greensboro
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**Philip George Nifong	Lexington
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*Edith Lynn Sneed	Wilmington
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Ava Teresa Stout	Sanford
Susan Renee Taylor	Selma
Donald Jeffrey Whitfield	Burlington
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**Martha Cecilia Hinton	Glen Ellyn, IL
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Pamela Jo Whitaker	Burlington
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Horace Alexander Strickland, Jr.	Greensboro
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**Hurtford Smith, Jr.	Oak City
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Frank Maxton DeArmond	Charlotte
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**Herbert Wilson Fincher, Jr.	Matthews
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H**Mark Benjamin Hamner	Raleigh
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Kenneth Wayne Ingold	Greensboro
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**John Anthony Martinez	Jacksonville
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Gregory Lee Peterson	Winston-Salem
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George Pinkney Robinson, Jr.	Vale
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**James Samuel Thomason	Hamptonville
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Edward Allen Green	Alexander
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John Lewie Holley, Jr.	Raleigh
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Paul Andrew Ivey	Fayetteville
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Charles Lofton Johnson	Warsaw
Donnell Earle Johnson	Raleigh
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H Honors Program

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Harry Johnston Grim, Jr.	Charlotte
Roland Wayne High	Durham
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*Paul Bowden	Greensboro
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Thaddeus Ray Bowling, Jr.	Durham
H**John Wesley Boyles	Charlotte
Thomas Edward Brashear	Chapel Hill
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Larry Blake Bumgarner	Millers Creek
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	Douglas William Hayes	Islip, NY
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	Henry MacIntosh John	Lumber Bridge
	Markus Wayne Johnson	Kernersville
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Folan Hinson, Jr.	Monroe
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Walter Fletcher Kelly, Jr.	Garner
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John Douglas Remeta	Raleigh
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Dolan Lafayette Huffman, Jr.	Hickory
*Thomas Mitchell Maynard	Fayetteville
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David McKenzie Culp	Cullowhee
**George Louis Derbyshire	Camden
Vincent Prescott Epps	Statesville
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H Honors Program

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James Clarence Coggin, Jr.	High Point
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Bryan David Hopkins	Brown Summit
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H Honors Program

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Lloyd Harmon Hancock	Winston-Salem
Danny Andrew Hardin	Morganton
*Robey Courtney Hartley	Lenoir
*Willem Sijbrand Haven	Winston-Salem
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Roger Craig Holland	Raleigh
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*Robert John Jones	Pitman, NJ
John Anthony Kauffmann, Jr.	Raleigh
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*William Joseph Kronenwetter	Raleigh
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Donna Hanner Langdon	Durham
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Joseph Benjamin Millikan	Sophia
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*Arthur Frederick Reimers, Jr.	Raleigh
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*Harold James Royal	Mebane
Henry Bryan Sanders	Wilmington
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*Gregg Stuart Schmidtke	Fayetteville
*John Parker Shell	Raleigh
*William Woodrow Simpson, III	Durham
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**Randy Wayne Hobbs	Goldsboro
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Meldon Aitken Holjes, Jr.	Greensboro
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Keith Hunter Petree	Tobaccoville
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James William Madden	Greensboro
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H Honors Program

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Raymond Mason Lilley	Tarboro
Charles Wayne McCoy	Charlotte
Lawrence Dean McCraw, Jr.	Hendersonville
Arthur George McDonald	Kingston, Jamaica
*Thomas Hershel McSwain	Hendersonville
David Edward Meiggs	Camden
Roger Van Miller	Winchester, TN
*Douglas Richard Myers	Wheaton, MD
H**Christopher Moore Null	Benton, AR
Wilburn Lonnie Owen	Salisbury
Jeffery Lynn Pardue	Jonesville
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Kenneth Allen Pollock	Clinton
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Susan Vanessa Reichert	Chapel Hill
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** High Honors

H Honors Program

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Stephen Pierce Hoke	Burlington
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*John Earl Richardson, Jr.	Southport
**Robert Thomas Slockett	Wilmington
*Suraphol Udomkesmalee	Bangkok, Thailand
Robert Andrew Vinson	Cary
*William Harrison Watson, Jr.	Grifton
*Michele Lee Webb	DeRidder, LA
Bobby Gerald Williams	New Bern
Larry Lynn Williams	DeRidder, LA

* Honors

** High Honors

H Honors Program

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Donald Hester Cole	Greensboro
Robert Anthony Corliss	Harlingen, TX
David Kenneth Darden	Spring Lake
Clyde Arthur Denny	Burlington
Cora Louvenia Eure	Eure
George Lance Fulghum	Wilson
Kenneth Dale Goodyear	Lumberton
James William Hamilton	Troy
Cynthia Ann Helton	Charlotte
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Samuel Moody Kirkland	Durham
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Ramona Margot Moore	Cary
Joseph Wayne Phipps	Jefferson
Thomas Melvin Rossier, Jr.	Broadway
Robert Grant Stanley	State Road
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* Honors

** High Honors

H Honors Program

School of Humanities and Social Sciences



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*Brenda Faye Caviness	Raleigh
*Paula Jeanne Comby	Conover
Elizabeth White Davis	Raleigh
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Jonathan Ray Eakes	Raleigh
Michael Charles Elledge	North Wilkesboro
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*Steven Lloyd Farber	Raleigh
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David Coles Moore	Wilson
Merri Allen Morgan	Wendell
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Henry Lee White	Elizabeth City
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**Mary Bea Wilkinson	Newton
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Susan Lea Yates	Raleigh

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Hugh Bernard Carroll, Jr.	Greensboro
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Ellen Sue Feuer	Durham
Clay Wade Fink	Tyrone, PA
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Richard Edgar Ford	Asheville
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David Bemby Foxwell	Edenton
Richard Glen Frankoff	Wilmington
Ricky Ogilvie Freeman	Hendersonville
Anne Christian Gaillard	Fayetteville
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James Andrew Gordon	Winston-Salem
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Michael David House	Raleigh
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Steven Douglas Hyde	Black Mountain
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Robert Austin Lee	Philadelphia, PA
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Bruce Allen Lowe	Westfield
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Joseph Paul Marley	Charlotte
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*Brantley Swann Orrell	Wilmington
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*Eric Michael Roberts	High Point
*James Oren Roberts	Mars Hill
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Frederick Rollinson, III	Greensboro
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*Michael Saunders Senter	Lillington
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Norwood Lee Simmons	Faison
**Victoria Johnson Simmons	Raleigh
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Peter Blackwood Stewart	Fayetteville
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Gary Paul Stokan	Pittsburgh, PA
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Bruce Ray Sykes	Fayetteville
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**Sarah Catherine Williamson	Raleigh
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Elizabeth Leigh Clark	Charlotte
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Scott Johnson Fonville	Durham
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Steven Douglas Hyde	Black Mountain
Vereene Cynthia Ann Ibiezugbe	Durham
**Mary Kathryn Ireland	Raleigh
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Douglas Glyn Jones	Raleigh
Jeffery Russell Jones	Raleigh
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* William Howard Riddle	Charlotte
Gary Harold Robbins	Cary
Detra Leigh Roberson	Louisburg
* Mark Alvin Roberts	Charlotte
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Angela Faith Watkins	Henderson
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James Russell Howard	Virginia Beach, VA
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Ronald Bryan Collins	Raleigh
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Elizabeth Dale Dollar	Durham
Kathleen Anne Doorley	Durham
Yolanda Maudean Ezekiel	Darlington, SC
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Gregory Glenn Goss	Ahoskie
Richard Noel Gusler	Burlington
William Roger Gwinn	Charlotte
Thomas Lowe Harmon	Raleigh
John Mack Harris	Candor
*Douglas Reed Hendry	Raleigh
Daniel Keith Jones	Burlington
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Robert Neal Mann	Burlington
Ricardo Martinez	Hope Mills
Albert Joseph Pleasants	Oxford
Charles Bernard Pugh, Jr.	Windsor
Helen Elizabeth Quinn	Marion
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Craig Michael Davis	Rockville, MD
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Michele Marie Dunn	Vero Beach, FL
Robert Thomas Fuhrman	New Cumberland, PA
Cheryl Lynn Haitcock	Greensboro
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Bruce Allen Lowe	Westfield
Herbert Galen Meekins, Jr.	Raleigh
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John Lewis Moore	Southern Pines
Danny Lee Musten	Kernersville
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Phillip Martin Pugh	Raleigh
Charles Edward Ritter	Wake Forest
Karen Cheek Robbins	Greensboro
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Linda Faye Smith	Fayetteville
James Lamarr Stowe	Belmont
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School of Physical and Mathematical Sciences



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Alan Kent Taylor, Jr.	Winston-Salem
Jimmy Earl Tew	Dunn
*David Cromwell Twine	Little Silver, NJ
*Joy Linda Wagner	Raleigh
Alvena Williams	Wilson
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Mary Chris Dupere	Fayetteville
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Christopher James Hollins	Norfolk, VA
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*Robert Thurmond Fuller	Greensboro
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Charles Herbert Markham, Jr.	Cary
Robert Lee Pitts	Winston-Salem
H**Dwight Franklin Price	Creedmoor
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School of Textiles



BACHELOR OF SCIENCE IN TEXTILE CHEMISTRY

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William Earl Brady, Jr.	Durham

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*Mark Yeoman Smith	Aiken, SC
Alan Kent Taylor, Jr.	Winston-Salem
Jimmy Earl Tew	Dunn
*David Cromwell Twine	Little Silver, NJ
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**Robin Lynette Wooten	East Bend

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Mary Chris Dupere	Fayetteville
Chiquita Denise Fields	Raleigh
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Christopher James Hollins	Norfolk, VA
Alicia Blanche Jones	Raleigh
Gary Lynn Kerbaugh	Raleigh
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H**Steven Randy Bowman	Hickory
H**Ralph David Britt	Severn
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Christopher Lee Chermak	Raleigh
Gary Giles Conrad	Elkin
*Robert Thurmond Fuller	Greensboro
H**Monica Eleanor Harris	Kinston
Gary Lynn Kerbaugh	Raleigh
Charles Herbert Markham, Jr.	Cary
Robert Lee Pitts	Winston-Salem
H**Dwight Franklin Price	Creedmoor
**Paul William Saxe	Raleigh
David Carroll Stiles	Brevard
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James Er Ralston	Wilmington
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School of Textiles



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H**Michael Lynwood Hobbs	Clayton
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Madeline Page Courts	High Point
Dennis Lee Eldridge	Belmont
H*Peter James Frandsen	Wilmington
John Jennings Frederick	Albemarle
*Eddie Boyd Furr, Jr.	Albemarle
*Michael Ray Gandy	Concord
Jack Hamilton Garvey	Greensboro
**Keith Michael Gaspard	Albany, NY
*Pamela Sue Gayle	Marion
Thomas Ray Hardee, Jr.	Goldsboro
*Constance Ann Harris	Charlotte
Terry Eugene Hatcher	Dunn
Aldrich Hester	Oxford

* Honors

** High Honors

H Honors Program

Horticultural Science

George Charles Elliott	Santa Clara, CA
William Benson Kirkman	Raleigh
Lloyd Eugene Mattingly	Albuquerque, NM
Robert Allen Werner	Deal Park, NJ

Industrial Engineering

Robert Laird Starkey	Philadelphia, PA
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Marine Sciences

Kathryn Kay Shearin	Rocky Mount
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Materials Engineering

Constandi Jabra Shahwan	Amman, Jordan
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Mathematics

Fu Chang	Taipei, Taiwan
Lothar Albrecht Dohse	New Orleans, LA
Kathleen Marcella Lombard	Raleigh

Mathematics (Applied)

Paul Roney Coleman	Miami, FL
Heinrich Joann Lieth	Chapel Hill

Mechanical Engineering

Dante Anthony Ferioli, Jr.	Greensboro
(Degree granted posthumously)	
Joe Wade Kent, Jr.	Greensboro
Thompson Gardenhire Pace III	Raleigh
Donald Allen Simpson	Monroe

Microbiology

Chao-Fu Chang	Pingtung, Taiwan
Stephen Major Hinton	Chillicothe, OH

Nuclear Engineering

Michael Gene Beck	Lexington
Mark Jay Jensen	Durham

Operations Research

Sheldon Oliver Bateman, Jr.	Hertford
Susan Lynn Dillehunt	New Bern
Abdullah Ibrahim Salamah	Taif, Saudi Arabia

Plant Pathology

John Robert James	Goldston
Kamaruzaman Bin Sijam	Kajang, Selangor, Malaysia

Psychology

Susan Brady Adams Raleigh
Nancy Joan Davis Raleigh

Recreation Resources Administration

Daniel Thomas Stearns Raleigh

Rural Sociology

Jill Anderson Swannanoa
Monte Carol Maney Asheville

Science Education

Douglas Stuart Reynolds Richmond, VA
Bonnie Gail Woodall Dinwiddie, VA

Soil Science

David Lee Anderson Sheboygan, WI
*Kenneth Michael Oates Springfield, OH

Textile Chemistry

James Peyton Enniss Raleigh

Textiles

Arthur Charles Bullerwell Yarmouth, Nova Scotia

Wildlife Biology

Steven Howard Everhart Wilmington

Wood and Paper Science

Tor Pershing Schultz Raleigh
Peter Y. Yang Taipei, Taiwan

* Co-major in Forestry. See Page 54.

Doctor of Education Degrees

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Education
Paris, Tennessee
Dissertation: Continuing Education in a Small Private College: A Case Study. (Under the direction of Malcolm S. Knowles).
- Clifton Beryl Belcher, Occupational Education
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Mexico, D. F., Mexico
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Raleigh, North Carolina
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- Jen-Der Hong, Materials Engineering
Taichung, Taiwan
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- Cherng-Chwan Hwang, Civil Engineering
Taipei, Taiwan
Dissertation: Analysis of Container Port through Systems Simulation. (Under the direction of Paul D. Cribbins and Fuad A. Rihani).
- Yiannakis Michael Ioannou, Entomology
Limassol, Cyprus
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- Hyun-Chung Kang, Forestry
Seoul, Korea
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Subang, Selangor, Malaysia
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Raleigh, North Carolina
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- Joel Phillip Lehmann, Applied Mathematics
Libertyville, Illinois
Dissertation: Partial Closure of a Griffith Crack Located at the Interface of Two Bonded Dissimilar Elastic Half-planes. (Under the direction of Ernest E. Burniston).
- Blanche Louise McFarland, Biomathematics
Houston, Texas
Dissertation: A Mathematical Model of Normal Granulocyte Kinetics. (Under the direction of H. Robert van der Vaart).
- Mary Ann McNeill, Psychology
Raleigh, North Carolina
Dissertation: A Multivariate Study of Static and Dynamic Factors Associated with Prison Escape. (Under the direction of Donald W. Drewes).
- Chen-Chi Ma, Chemical Engineering
Tainan, Taiwan
Dissertation: Some Aspects of the Chemically-induced Cationic Polymerization of Alkyl Vinyl Ethers. (Under the direction of Vivian T. Stannett).
- Irving Avrum Mendelssohn, Botany
Kingston, Pennsylvania
Dissertation: Eco-physiological Aspects of the Height Forms of *Spartina alterniflora* in North Carolina: Nitrogen Nutrition and Soil Waterlogging. (Under the direction of Ernest D. Seneca).
- Glenn Joseph Merkel, Microbiology
Emmaus, Pennsylvania
Dissertation: Characterization of Gram Negative Hydrocarbon-utilizing Thermophilic Bacteria and the Effect of Cell Envelope Chemical Composition on Thermostability. (Under the direction of Jerome J. Perry).
- Ram Naresh Misra, Biological and Agricultural Engineering
Lucknow, U. P., India
Dissertation: Failure and Stress Analysis in Soybeans Subjected to a Temperature and Moisture Gradient. (Under the direction of James H. Young).
- Walter Steven Otwell, Food Science
Raleigh, North Carolina
Dissertation: Textural Characterization of Squid, *Loligo pealei* Lesueur. (Under the direction of Donald D. Hamann).

- Charles Henry Perino, Botany
Belleville, Illinois
Dissertation: A Revision of the Genus *Lonicera* Subgenus *Periclymenum* (Caprifoliaceae) in North America. (Under the direction of James W. Hardin).
- Janet Warner Reid, Zoology
Raleigh, North Carolina
Dissertation: Seasonal Changes of the Meiobenthos of the Pamlico River Estuary, North Carolina. (Under the direction of B. J. Copeland).
- Jessie Markert Rivers, Chemistry
Winston-Salem, North Carolina
Dissertation: The Synthesis of 1-Azabicyclo [3.2.2] nonane and of 1-Azabicyclo [3.3.2] decane. (Under the direction of Samuel G. Levine).
- Glen Edgar Ruttencutter, Horticultural Science
Cincinnati, Ohio
Dissertation: Estimation of Narrow-sense Heritability for Specific Gravity in Diploid Potatoes (*Solanum tuberosum* subsp. *phureja* and *stenotomum*). (Under the direction of Frank L. Haynes, Jr.).
- Carol Erckmann Schreuder, Psychology
Raleigh, North Carolina
Dissertation: Effect, Group Process, and Academic Content: A Study of an Undergraduate Psychology Course That Interrelates Classroom with Work Experiences. (Under the direction of Howard G. Miller and Virginia G. Cowgell).
- Nitin Jesingbhai Shah, Mechanical Engineering
Ahmedabad, India
Dissertation: Mechanical Separation Phenomena in Elastic Systems with Deterministic and Stochastic Excitation. (Under the direction of Franklin D. Hart).
- Carolyn Linda Silber, Psychology
Raleigh, North Carolina
Dissertation: The Academic and Behavioral Characteristics of Successful Versus Nonsuccessful Learning Disabled Students. (Under the direction of Rachel F. Rawls).
- Daison Olzany Silva, Microbiology
Patrocinio, M. G., Brazil
Dissertation: Regulation of Transport Activities in *Salmonella typhimurium*. (Under the direction of Walter J. Dobrogosz).
- Rudy Ho Tan, Statistics and Marine Sciences
Jolo, Sulu, Philippines
Dissertation: Time Series Analysis of Micrometeorological Measurements

in Air Pollution Monitoring. (Under the direction of Francis G. Giesbrecht and Allen H. Weber).

- Thomas Anthony Terry, Soil Science
Mitchellville, Maryland
Dissertation: Factors Related to the Growth of Intensively Managed Loblolly Pine (*Pinus taeda* L.) on Selected Soils in the North Carolina Lower Coastal Plain. (Under the direction of Arthur G. Wollum II and D. Keith Cassel).
- Don Barry Thompson, Fiber and Polymer Science
Raleigh, North Carolina
Dissertation: Synthesis and Properties of Novel Segmented Polyurethanes Based on Oligomers of Tri-O-methylcellulose and Poly (butadiene) Diols. (Under the direction of Richard D. Gilbert).
- Charunee Vongkalueang, Entomology
Bangkok, Thailand
Dissertation: Some Factors Affecting the Development of the Larvae of the Old House Borer *Hylotrupes bajulus* L. (Coleoptera: Cerambycidae) and Low Temperature as a Means of Control. (Under the direction of Maurice H. Farrier and Harry B. Moore).
- Isara Vongkalueang, Forestry
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- Michael Karl Wade, Soil Science
Stark City, Missouri
Dissertation: Soil Management Practices for Increased Crop Production for Small Farms of the Amazon Jungles of Peru. (Under the direction of Pedro A. Sanchez).
- Larry Clifton Wadsworth, Fiber and Polymer Science
Smithfield, North Carolina
Dissertation: The Synthesis and Characterization of Cellulose Hemi-Acid-Ester Derivatives from the Reaction of α , β -Amic Acids with Wood Pulp. (Under the direction of John A. Cuculo).
- James Shang Jau Wang, Biological and Agricultural Engineering
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Dissertation: Nutrients Transportation in Soil Profile for Wastewater Land Application. (Under the direction of Frank J. Humenik).
- John Bradford Williams, Marine Sciences
Burlington, North Carolina
Dissertation: Productivity, Population Dynamics, and Physiological Ecology of the Dwarf Surf Clam, *Mulinia lateralis*, near a

Power Plant Intake Canal, Southport, North Carolina. (Under the direction of B. J. Copeland).

Robert Farris Williams, Physiology
Frostburg, Maryland

Dissertation: Androgens as an Influence in the Function of the Porcine Ovary. (Under the direction of Lester C. Ulberg).

Richard James Witmeyer, Materials Engineering
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Dissertation: A Correlation of Defect Density and Atomic Concentration Profiles of Be Ion Implanted Layers in GaAs. (Under the direction of Ray B. Benson).

Lawrence Dale Young, Plant Pathology
Beaver Dam, Kentucky

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DEGREES CONFERRED

June 29, 1977

August 10, 1977

December 21, 1977

School of Agriculture and Life Sciences



BACHELOR OF SCIENCE IN BIOLOGICAL AND AGRICULTURAL ENGINEERING

Jointly administered by the School of Agriculture and Life Sciences and the School of Engineering.

Gerald James Johnson (August, 1977) Harmony
Thomas Carl Karnoski (December, 1977) Wilmington

BACHELOR OF SCIENCE IN CONSERVATION

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Hoyle Harris Edgerton, Jr. (August, 1977) Rutherfordton
Timothy Eugene Garrett (December, 1977) Cary
Terry Lee Harrelson (December, 1977) Yanceyville
Bill Hudson Hodge (December, 1977) Rowland
William Michael Hunnicutt (December, 1977) Eden
David Wayne McLawhorn (August, 1977) Raleigh
Steven Austin Moore (December, 1977) Rocky Mount
William David Noble (December, 1977) Kinston
Lawrence Mathew Petrovick (December, 1977) Creedmoor
H* Rachel Jones Phillips (December, 1977) Burlington
Kip Leigh Robinson (August, 1977) Newton
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- Dissertation: The Role of the Laboratory in Introductory College Biology Courses. (Under the direction of Norman D. Anderson).
- Joel Phillip Lehmann, Applied Mathematics
Libertyville, Illinois
- Dissertation: Partial Closure of a Griffith Crack Located at the Interface of Two Bonded Dissimilar Elastic Half-planes. (Under the direction of Ernest E. Burniston).
- Blanche Louise McFarland, Biomathematics
Houston, Texas
- Dissertation: A Mathematical Model of Normal Granulocyte Kinetics. (Under the direction of H. Robert van der Vaart).
- Mary Ann McNeill, Psychology
Raleigh, North Carolina
- Dissertation: A Multivariate Study of Static and Dynamic Factors Associated with Prison Escape. (Under the direction of Donald W. Drewes).
- Chen-Chi Ma, Chemical Engineering
Tainan, Taiwan
- Dissertation: Some Aspects of the Chemically-induced Cationic Polymerization of Alkyl Vinyl Ethers. (Under the direction of Vivian T. Stannett).
- Irving Avrum Mendelssohn, Botany
Kingston, Pennsylvania
- Dissertation: Eco-physiological Aspects of the Height Forms of *Spartina alterniflora* in North Carolina: Nitrogen Nutrition and Soil Waterlogging. (Under the direction of Ernest D. Seneca).
- Glenn Joseph Merkel, Microbiology
Emmaus, Pennsylvania
- Dissertation: Characterization of Gram Negative Hydrocarbon-utilizing Thermophilic Bacteria and the Effect of Cell Envelope Chemical Composition on Thermostability. (Under the direction of Jerome J. Perry).
- Ram Naresh Misra, Biological and Agricultural Engineering
Lucknow, U. P., India
- Dissertation: Failure and Stress Analysis in Soybeans Subjected to a Temperature and Moisture Gradient. (Under the direction of James H. Young).
- Walter Steven Otwell, Food Science
Raleigh, North Carolina
- Dissertation: Textural Characterization of Squid, *Loligo pealei* Lesueur. (Under the direction of Donald D. Hamann).

- Charles Henry Perino, Botany
Belleville, Illinois
Dissertation: A Revision of the Genus *Lonicera* Subgenus *Periclymenum* (Caprifoliaceae) in North America. (Under the direction of James W. Hardin).
- Janet Warner Reid, Zoology
Raleigh, North Carolina
Dissertation: Seasonal Changes of the Meiobenthos of the Pamlico River Estuary, North Carolina. (Under the direction of B. J. Copeland).
- Jessie Markert Rivers, Chemistry
Winston-Salem, North Carolina
Dissertation: The Synthesis of 1-Azabicyclo [3.2.2] nonane and of 1-Azabicyclo [3.3.2] decane. (Under the direction of Samuel G. Levine).
- Glen Edgar Ruttencutter, Horticultural Science
Cincinnati, Ohio
Dissertation: Estimation of Narrow-sense Heritability for Specific Gravity in Diploid Potatoes (*Solanum tuberosum* subsp. *phureja* and *stenotomum*). (Under the direction of Frank L. Haynes, Jr.).
- Carol Erckmann Schreuder, Psychology
Raleigh, North Carolina
Dissertation: Effect, Group Process, and Academic Content: A Study of an Undergraduate Psychology Course That Interrelates Classroom with Work Experiences. (Under the direction of Howard G. Miller and Virginia G Cowgell).
- Nitin Jesingbhai Shah, Mechanical Engineering
Ahmedabad, India
Dissertation: Mechanical Separation Phenomena in Elastic Systems with Deterministic and Stochastic Excitation. (Under the direction of Franklin D. Hart).
- Carolyn Linda Silber, Psychology
Raleigh, North Carolina
Dissertation: The Academic and Behavioral Characteristics of Successful Versus Unsuccessful Learning Disabled Students. (Under the direction of Rachel F. Rawls).
- Daison Olzany Silva, Microbiology
Patrocinio, M. G., Brazil
Dissertation: Regulation of Transport Activities in *Salmonella typhimurium*. (Under the direction of Walter J. Dobrogosz).
- Rudy Ho Tan, Statistics and Marine Sciences
Jolo, Sulu, Philippines
Dissertation: Time Series Analysis of Micrometeorological Measurements

- in Air Pollution Monitoring. (Under the direction of Francis G. Giesbrecht and Allen H. Weber).
- Thomas Anthony Terry, Soil Science
Mitchellville, Maryland
- Dissertation: Factors Related to the Growth of Intensively Managed Loblolly Pine (*Pinus taeda* L.) on Selected Soils in the North Carolina Lower Coastal Plain. (Under the direction of Arthur G. Wollum II and D. Keith Cassel).
- Don Barry Thompson, Fiber and Polymer Science
Raleigh, North Carolina
- Dissertation: Synthesis and Properties of Novel Segmented Polyurethanes Based on Oligomers of Tri-O-methylcellulose and Poly (butadiene) Diols. (Under the direction of Richard D. Gilbert).
- Charunee Vongkalueang, Entomology
Bangkok, Thailand
- Dissertation: Some Factors Affecting the Development of the Larvae of the Old House Borer *Hylotrupes bajulus* L. (Coleoptera: Cerambycidae) and Low Temperature as a Means of Control. (Under the direction of Maurice H. Farrier and Harry B. Moore).
- Isara Vongkalueang, Forestry
Bangkok, Thailand
- Dissertation: Allocation of Photosynthate to Shoots and Roots of *Pinus taeda* L. Seedlings. (Under the direction of Thomas O. Perry).
- Michael Karl Wade, Soil Science
Stark City, Missouri
- Dissertation: Soil Management Practices for Increased Crop Production for Small Farms of the Amazon Jungles of Peru. (Under the direction of Pedro A. Sanchez).
- Larry Clifton Wadsworth, Fiber and Polymer Science
Smithfield, North Carolina
- Dissertation: The Synthesis and Characterization of Cellulose Hemi-Acid-Ester Derivatives from the Reaction of α , β -Amic Acids with Wood Pulp. (Under the direction of John A. Cuculo).
- James Shang Jau Wang, Biological and Agricultural Engineering
Kaohsiung, Taiwan
- Dissertation: Nutrients Transportation in Soil Profile for Wastewater Land Application. (Under the direction of Frank J. Humenik).
- John Bradford Williams, Marine Sciences
Burlington, North Carolina
- Dissertation: Productivity, Population Dynamics, and Physiological Ecology of the Dwarf Surf Clam, *Mulinia lateralis*, near a

Power Plant Intake Canal, Southport, North Carolina. (Under the direction of B. J. Copeland).

Robert Farris Williams, Physiology
Frostburg, Maryland

Dissertation: Androgens as an Influence in the Function of the Porcine Ovary. (Under the direction of Lester C. Ulberg).

Richard James Witmeyer, Materials Engineering
Bethlehem, Pennsylvania

Dissertation: A Correlation of Defect Density and Atomic Concentration Profiles of Be Ion Implanted Layers in GaAs. (Under the direction of Ray B. Benson).

Lawrence Dale Young, Plant Pathology
Beaver Dam, Kentucky

Dissertation: Brown Spot of Soybean: Resistance, Yield Loss, and Effect of Growth Stage on Symptom Development. (Under the direction of John P. Ross).

DEGREES CONFERRED

June 29, 1977

August 10, 1977

December 21, 1977

School of Agriculture and Life Sciences



BACHELOR OF SCIENCE IN BIOLOGICAL AND AGRICULTURAL ENGINEERING

Jointly administered by the School of Agriculture and Life Sciences and the School of Engineering.

Gerald James Johnson (August, 1977) Harmony
Thomas Carl Karnoski (December, 1977) Wilmington

BACHELOR OF SCIENCE IN CONSERVATION

Jointly administered by the School of Agriculture and Life Sciences and the School of Forest Resources

Hoyle Harris Edgerton, Jr. (August, 1977) Rutherfordton
Timothy Eugene Garrett (December, 1977) Cary
Terry Lee Harrelson (December, 1977) Yanceyville
Bill Hudson Hodge (December, 1977) Rowland
William Michael Hunnicutt (December, 1977) Eden
David Wayne McLawhorn (August, 1977) Raleigh
Steven Austin Moore (December, 1977) Rocky Mount
William David Noble (December, 1977) Kinston
Lawrence Mathew Petrovick (December, 1977) Creedmoor
H* Rachel Jones Phillips (December, 1977) Burlington
Kip Leigh Robinson (August, 1977) Newton
David Raymond Sawyer (August, 1977) Raleigh
George Wesley Strader (December, 1977) Ruffin
Robert Douglas Twomey (December, 1977) Asheville
Reese Benton Walter (August, 1977) Kinston
David Wayne Watkins (December, 1977) Leland
H* Robert Lee Wilkins (December, 1977) Reidsville
Lisa Anne Winston (December, 1977) Charlotte
James Robert Yandell (December, 1977) Charlotte

* Honors

** High Honors

H Honors Program

BACHELOR OF SCIENCE IN CHEMICAL ENGINEERING

Martha Jeanne Bourke (December, 1977)	Canton
Norris Vincent Cole (December, 1977)	Jacksonville
Gregory Harold Hinchman (December, 1977)	Kinston
H** James William Johnson, Jr. (December, 1977)	Thomasville
* Michael Dean Johnson (December, 1977)	Spring Lake
** Robert Richard Kiminskas (December, 1977)	Linden
William Mark Ray (December, 1977)	Cruz Bay, St. John, VI
* Michael Leon Thompson (December, 1977)	Charlotte
* David Irving Wooten (August, 1977)	Raleigh

BACHELOR OF SCIENCE IN CIVIL ENGINEERING

* Phillip Joseph Abeyounis (December, 1977)	Bethel
Maha Elsayed Afify (December, 1977)	Raleigh
Mohammad Bati Al-Harbi (December, 1977)	Kuwait
Timothy Edward Beeker (December, 1977)	Norwood
Jeffrey Lynn Blackford (December, 1977)	Raleigh
John Robert Blowe, Jr. (December, 1977)	Ahoskie
Stephen Michael Burr (December, 1977)	Shelby
Wade Kornegay Carlton, Jr. (December, 1977)	Warsaw
Thomas Hall Carter (December, 1977)	Charlotte
Joseph Charles Cato (December, 1977)	Raleigh
George Steven Clark (December, 1977)	Gastonia
** Norris Ziglar Clayton (December, 1977)	Rural Hall
William Stockton Clements, Jr. (December, 1977)	Raleigh
Howard Dale Crisp (December, 1977)	Lenoir
Talmage Larry Crouse (December, 1977)	Elkin
Daniel Earl Dawson (December, 1977)	New Bern
Hugh Carson Fisher (December, 1977)	Rockwell
Kenneth Forrest Gray (December, 1977)	Barber
* Alan Duke Greene (December, 1977)	Washington
Neil Charles Gustafson (December, 1977)	Raleigh
* Edward Patrick Hagarty (August, 1977)	Asheville
Alvin Scot Harrell (December, 1977)	Virginia Beach, VA
Barry Michael Hayes (December, 1977)	Louisburg
* Barbara Hill (December, 1977)	Charlotte
Donald Pearson Holloway (June, 1977)	Cary
Hugh Richard Hurst (December, 1977)	Swansboro
Rickey Howard Jordan (December, 1977)	Greensboro
Kenneth Alan Kaper (June, 1977)	Cleveland, OH
Harold Stuart Kennedy (December, 1977)	Thomasville
* George Cabel Kirby (August 1977)	Cary
Thurman Andrew Lamm (December, 1977)	Lucama
David Vann Marshburn (August, 1977)	Jacksonville
Kit Tong Lo (December, 1977)	Hong Kong
Daniel Keith McRainey (December, 1977)	Fayetteville
** William Henry Moran (December, 1977)	Warwick, RI
William Cardwell Penny (December, 1977)	Greenville
Daniel Charles Pounds (December, 1977)	Winston-Salem
William Owen Pridgen (December, 1977)	Rocky Mount
* Gordon Alston Rose (December, 1977)	Linden
* Steven Alan Sayce (December, 1977)	Washington
Donald Stephen Scruggs (December, 1977)	Forest City
Philip Glen Sims (December, 1977)	Garner

* Honors

** High Honors

H Honors Program

**Thomas Duncan Stilwell (December, 1977)	Raleigh
Thomas Harold Townson (December, 1977)	Marble
Richard Edgar Vick (December, 1977)	Stantonsburg
David Lloyd Wagner (December, 1977)	Charlotte
*Leonard Wayne Wagoner (December, 1977)	Sparta
Myron Gene Whitley (December, 1977)	Richfield
James Donald Williamson (December, 1977)	Raeford

BACHELOR OF SCIENCE IN CIVIL ENGINEERING, CONSTRUCTION OPTION

Douglas Evan Bennett (December, 1977)	Fayetteville
David Morrah Bryan (December, 1977)	Sanford
Joseph Allan Daughtridge (December, 1977)	Rocky Mount
*Randall Nordan Gattis (December, 1977)	Sanford
Timothy Gray Kornegay (December, 1977)	Charlotte
Kenneth Stuart Liner (December, 1977)	Waynesville
*Clarion Lee Maybee (June, 1977)	Raleigh
Daniel William Perry (December, 1977)	New Bern
John Mercer Reeves, II (December, 1977)	Sanford
Cecil Hammond Rhodes, Jr. (August, 1977)	Wilmington
Kenneth Wayne Smith (December, 1977)	North Wilkesboro
John Stephen Thomas (December, 1977)	Cary
Richard Alexander Thompson (December, 1977)	Raleigh
Richard Paul Turner (June, 1977)	Raleigh
Ronald Gray Wagoner (December, 1977)	Winston-Salem

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

Ronald Eugene Allen (June, 1977)	Rockingham
Philip Ray Bernard (December, 1977)	Chesapeake, VA
Dan Olive Campbell, Jr. (December, 1977)	Laurinburg
Ricky Calvin Carter (December, 1977)	Hudson
Rickey James Cashatt (June, 1977)	Raleigh
Michael Frederick Catching (December, 1977)	Raleigh
**Craig Hugh Chapman (December, 1977)	Kalamazoo, MI
Clay Chesson Couch (December, 1977)	Rocky Mount
**Stephen Donald Coward (June, 1977)	Raleigh
Robert Nelson Dochterman (June, 1977)	Shallotte
Paul Woodrow Elliott, Jr. (June, 1977)	Shelby
Ronald Ray Frye (December, 1977)	Winston-Salem
Marvin Ronald Harper (December, 1977)	Greenville
Larry Edward Henderson (December, 1977)	Durham
Claude Marshall Holliday, Jr. (December, 1977)	Raleigh
*Jerry Michael Jones (December, 1977)	Charleston, SC
*Mark Clayton Lippitt (December, 1977)	New Bern
*Dana Alvis Merrill (December, 1977)	Asheville
Steven Max Moody (December, 1977)	Cary
**Henry William Painchaud, Jr. (August, 1977)	Charlotte
Franklin Custer Poley (August, 1977)	Charlotte
Timothy Wayne Ritter (December, 1977)	Siler City
*Thomas Fitch Sager (December, 1977)	Raleigh
Donald Metts Scoggin (December, 1977)	Cary
Sumner Michael Smith (December, 1977)	Henderson
*Gary Marshall Springer (June, 1977)	Raleigh
Ronald Gordon Thrift (December, 1977)	Lenoir

* Honors

** High Honors

II Honors Program

**Timothy Lawrence Turner (December, 1977)	Cary
John David Watson, Sr. (December, 1977)	Garner
Robert Alan Whitley (December, 1977)	Matthews
*Martin Alan Wortman (December, 1977)	Chapel Hill

BACHELOR OF SCIENCE IN ENGINEERING OPERATIONS

Stephen Kimberly Annas (December, 1977)	Greensboro
William Earl Baker, Jr. (June, 1977)	Suffolk, VA
John McCager Black (June, 1977)	Wilmington, DE
Derek Peyton Dunn (June, 1977)	Greenville
Robert Glenn Eure (December, 1977)	Gates
Jerry Cecil Foushee (December, 1977)	Timberlake
Karen Lynn Gerace (December, 1977)	Sidney, NY
Michael Earl Hill (December, 1977)	Raleigh
*Paul Allen Meares (December, 1977)	Raleigh
Leonidas Harry Metaxakis (December, 1977)	Durham
*Eduardo Enrique Monzon (December, 1977)	Havana, Cuba
Richard Alexander Moody (December, 1977)	Atlanta, GA
*David Gray Spencer (December, 1977)	Winston-Salem
Francis Houston Symmes, Jr. (December, 1977)	Winston-Salem
Keith Bryant Thompson (June, 1977)	Rocky Mount
*Marshall Ray Williams (December, 1977)	Asheville

BACHELOR OF SCIENCE IN ENGINEERING SCIENCE AND MECHANICS

*Robert Cleveland Cagle III (June, 1977)	Rockingham
James Raymond Hudson (December, 1977)	Silver Spring, MD
James Laban Odell, Jr. (December, 1977)	Kannapolis
**John Sabert Thompson Jr. (December, 1977)	Graham

BACHELOR OF SCIENCE IN FURNITURE MANUFACTURING AND MANAGEMENT

Donald Kenneth Allen (June, 1977)	Greensboro
Marshall Eugene Bost, II (December, 1977)	Conover
Reginald T. Hill (December, 1977)	Monroe
*Roger Gordon Jones (December, 1977)	New Paltz, NY
**Steven Scott Lockhart (August, 1977)	North Wilkesboro
James Basul Noble, II (December, 1977)	High Point
Derek Paul Okada (December, 1977)	Toronto, Ontario, Canada
Johnny Rexford Pope (December, 1977)	Clinton
Alan Ray Williams (August, 1977)	Eagle Springs

BACHELOR OF SCIENCE IN INDUSTRIAL ENGINEERING

Larry Dean Bailey (June, 1977)	Rutherfordton
Stephen John Bellamah (December, 1977)	Washington, DC
Ray Allen Bridges (August, 1977)	Spindale
*Rickey Randall Cornett (December, 1977)	Mount Airy
William Benjamin Crane (December, 1977)	Burlington
Michael Patrick Flanagan (December, 1977)	York, SC
*Charles Edward Guinn (December, 1977)	Chapel Hill
James Ruffin Lawrence, Jr. (December, 1977)	Rocky Mount
Heath Wilton Love, Jr. (December, 1977)	Charlotte

* Honors ** High Honors H Honors Program

Terry Allen Monday (December, 1977)	Claremont
Derek Paul Okada (December, 1977)	Toronto, Ontario, Canada
*Geraldine Gale Sieck (December, 1977)	Raleigh
Alan Morgan Spence (August, 1977)	Charlotte
Frank Hunter Sullivan (December, 1977)	Burlington

BACHELOR OF SCIENCE IN MATERIALS ENGINEERING

*Atul C. Ajmera (December, 1977)	Calcutta, India
*Calvin Haywood Carter, Jr. (December, 1977)	Statesville
Jeffrey Lynn Church (December, 1977)	Fayetteville
Ronald Lee Cochrane (December, 1977)	Asheville
Charles Henry Griffin (December, 1977)	Wilmington
Richard Glenn Lyons (August, 1977)	Middletown, OH
Hossein Montazeri (June, 1977)	Shahpasand, Iran
*Thomas James Shaffer (December, 1977)	Wilmington
**Elma Beth Snipes (December, 1977)	Cary
Dwight Randolph Warren, Jr. (December, 1977)	Charlotte

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

Michael Joe Bostic (December, 1977)	Warsaw
James Michael Bowen (December, 1977)	Harrisburg
Rien Chewananth (December, 1977)	Bangkok, Thailand
Robert Lawrence Clausen, Jr. (December, 1977)	Kingston, NJ
John David Colven (December, 1977)	Kingston
Donna Rae Coor (June, 1977)	Durham
Derek Alan Cotter (December, 1977)	Arden
Dennis Patrick Driscoll (December, 1977)	Fayetteville
Charles Douglas Edwards, III (December, 1977)	Winston-Salem
Jeffrey Allison Hager (December, 1977)	Alexis
Robert Wayne Harding (December, 1977)	Matthews
Edward Lewis Hyland (December, 1977)	Charlotte
Roderick Neil Jones (December, 1977)	Raleigh
George Dunwoody Kesel (December, 1977)	Richland, WA
Robert Glenn Kirby (December, 1977)	Charlotte
James Philip McClintock (August, 1977)	Charlotte
Joseph Angus McQueen (June, 1977)	Raleigh
John Steven McSpadden (December, 1977)	Greensboro
Richard Covington Miller (December, 1977)	Winston-Salem
Jay Bruce Mills (June, 1977)	New Bern
*Clinton Lee Petree (December, 1977)	Winston-Salem
Sud-Chai Saranakomana (December, 1977)	Bangkok, Thailand
Phillip Warren Scoggins (August, 1977)	Tryon
Walter Drew Sinnett (December, 1977)	Newton
George Irving Smith, Jr. (December, 1977)	Raleigh
John Henry Sullivan, Jr. (December, 1977)	Washington
Guy Alfonso Walters, III (December, 1977)	Lenoir
Harry Glenn Williamson (December, 1977)	Charlotte

BACHELOR OF SCIENCE IN NUCLEAR ENGINEERING

**David Lewis Paschall (December, 1977)	Morganton
*Mark Roger Promislow (August, 1977)	Charlotte
*Robert Willis Walters (December, 1977)	North Little Rock, AR
James Patrick Watters (August, 1977)	Wilmington

* Honors ** High Honors H Honors Program

School of Forest Resources



BACHELOR OF SCIENCE IN CONSERVATION

Jointly administered by the School of Forest Resources and the School of Agriculture and Life Sciences.

Wesley Herman Lovelace (December, 1977)	Richmond, VA
Theodore Clark Morlok (December, 1977)	Radnor, PA
Jeffrey Lee Nettin (December, 1977)	Raleigh
Gary Addison Thompson (December, 1977)	Asheboro
Donald Stephen Williamson (December, 1977)	Coral Springs, FL

BACHELOR OF SCIENCE IN FORESTRY

Thomas Marion Barnes (December, 1977)	Winston Salem
*John Thomas Blanton, Jr. (December, 1977)	Rutherfordton
*Jacob Morgan Bridges (December, 1977)	Kings Mountain
*Richard Neil Carroll (August, 1977)	Charlotte
Frans Van Wylick Coppus (December, 1977)	Watertown, MA
*Joseph Leo Cox, Jr. (August, 1977)	Raleigh
Gary Carl Cramer (December, 1977)	Massapequa, NY
Jesse Turner Crawford, III (December, 1977)	Roanoke Rapids
Lee Mitchell Efird (August, 1977)	Kannapolis
Gregory Vernon Ferguson (December, 1977)	Greensboro
*Eugene Floyd Hamer, Jr. (December, 1977)	Monroe
James Lewis Harrison (August, 1977)	Charlotte
Michael Richard Hare (August, 1977)	Tyner
James Michael Hendricks (December, 1977)	Greensboro
*Pete Tom Kleto (August, 1977)	Charlotte
Jimmie Alan Lane (December, 1977)	Richmond, VA
Donald Wayne Ledford (December, 1977)	Kings Mountain
Kent Austin Luton (December, 1977)	Elizabeth City
Stephen Richard Moore (August, 1977)	Asheville
Robert Nicholas Panella (December, 1977)	Poughkeepsie, NY
*Margaret Elizabeth Parker (December, 1977)	Raleigh
Forrest James Pecht (December, 1977)	Raleigh
Richard Ray Peot Jr. (December, 1977)	Lexington, KY
H**Vernon Ray Phillips Jr. (December, 1977)	Greensboro
*Timothy L. Presnell (December, 1977)	Orange, CT
Philip Allen Shroats (June, 1977)	Lillington
Daniel Earl Smith (December, 1977)	Bolton
James Robinson Smith, Jr. (December, 1977)	Durham
Phillip George Stafford (December, 1977)	Morehead City
*Renee Watson (December, 1977)	Landover Hills, MD
Franklin Lewis Williams (December, 1977)	Charlotte
John Haywood Williams, Jr. (August, 1977)	Charlotte
Harold Wayne Williams (June, 1977)	Rae ford
Bruce Talmadge Wilson (August, 1977)	Hickory

* Honors

** High Honors

H Honors Program

**BACHELOR OF SCIENCE IN NATURAL RESOURCE
RECREATION MANAGEMENT**

Dan Bruce Campbell (June, 1977)	Salisbury
*William Harrison Carpenter (December, 1977)	Lincolnton
*Michael Dean Fernandez (December, 1977)	Fayetteville
Mark Steven Hall (December, 1977)	Burlington
*Stephen Mark Jordan (December, 1977)	Salisbury
Patricia Mae Powell (December, 1977)	Cary
John Timothy Shannon (December, 1977)	East Brunswick, NJ
*Michael Deane Smith (December, 1977)	Waterford, OH
Gary Addison Thompson (December, 1977)	Southern Pines

**BACHELOR OF SCIENCE IN RECREATION AND
PARK ADMINISTRATION**

Donna Sue Andrews (December, 1977)	Asheboro
H*Vicky Sharon Boles (December, 1977)	Cary
H**Steven Douglas Branson (December, 1977)	Asheville
Ronnie Jacob Capps (December, 1977)	Roanoke Rapids
David Matthews Clark (December, 1977)	Wilson
Charles Terry Coats (December, 1977)	Clayton
Charles Mayer Fox (June, 1977)	Charleston, SC
Ernest Preston Gaster, III (December, 1977)	Sanford
Tina Elizabeth Griffin (June, 1977)	Raleigh
Mark Steven Hall (December, 1977)	Burlington
James Rowe Hefner (December, 1977)	Hickory
Harold Wilkerson Hester, Jr. (December, 1977)	Roxboro
Clifton Dwight Hinson (August, 1977)	Rockingham
Robert Case Hinson (December, 1977)	Sanford
Carl Thomas Johnson (December, 1977)	Scotland Neck
*Stephen Mark Jordan (December, 1977)	Salisbury
Michael Gay McDowell (August, 1977)	High Point
Charles William Meadows, Jr. (August, 1977)	Granite Falls
Douglas Victor Moon (December, 1977)	Hendersonville
Theodore Clark Morlok (December, 1977)	Radnor, PA
Kerry Wayne Pearce (December, 1977)	Durham
Cynthia Louise Poe (December, 1977)	Durham
Deborah Dianne Poindexter (December, 1977)	Tarboro
Patricia Mae Powell (December, 1977)	Cary
H*Millard Wrenn Prevette (December, 1977)	High Point
Jeanette Kaye Roberts (December, 1977)	Wilson
Archie Knight Robertson, III (December, 1977)	Raleigh
Hal William Setser (August, 1977)	Lake Junaluska
James Barry Solomon (December, 1977)	Durham
William Edward Thompson, Jr. (December, 1977)	Statesville

**BACHELOR OF SCIENCE IN RECREATION
RESOURCES ADMINISTRATION**

Lloyd Webster Pledger, Jr. (December, 1977)	Columbia
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**BACHELOR OF SCIENCE IN WOOD SCIENCE
AND TECHNOLOGY**

Paul Marven Patrick LoCicero, III (December, 1977)	New Bern
*Reneé Watson (December, 1977)	Landover Hills, MD

* Honors ** High Honors H Honors Program

School of Liberal Arts



BACHELOR OF ARTS IN ACCOUNTING

Juanita Cargill Altum (August, 1977)	Raleigh
Murchison Bolton Biggs (December, 1977)	Lumberton
**Patricia Ann Buddenhagen (December, 1977)	Raleigh
Iric Wayne Cooper (December, 1977)	Hampton, VA
Charles Edward Garman, Jr. (December, 1977)	Reisterstown, MD
Tara Jo Hand (December, 1977)	Gatesville
Michael Keith Johnson (August, 1977)	Garner
**Rhett Bucher Johnson (June, 1977)	Raleigh
Edwin Jordan Lee (August, 1977)	Wake Forest
John Kent Mandrano (August, 1977)	Greensboro
**Leonard Carl Outlaw (August, 1977)	Raleigh
**Michael Kellie Poe (December, 1977)	Raleigh
David Benson Reitblatt (December, 1977)	Wilmington
Thomas James Rollins (December, 1977)	Goldboro
Robert Paul Scott (December, 1977)	Potomac, MD
John Orvil Strawn (June, 1977)	Wilmington
James Milton Uzzell, III (August, 1977)	Hubert
**Deborah Roberson Valentine (December, 1977)	Louisburg
Michael Douglas Wall (December, 1977)	Wake Forest
William Anthony Wayne (December, 1977)	Wake Waccamaw
*Richard Lee Welborn (June, 1977)	Thomasville
Albert Steven Woollen (June, 1977)	Charlotte
*Robyn Prather Yoest (August, 1977)	Cary

BACHELOR OF ARTS IN BUSINESS MANAGEMENT

Edward Phillip Adams (August, 1977)	Dunn
Daniel Francis Ahern (June, 1977)	Freeport, NY
Louis Peter Alcamo, Jr. (December, 1977)	Arnold, MD
George Norwood Anderson (August, 1977)	Raleigh
William Tulloh Anderson, Jr. (June, 1977)	Raleigh
Don Livingston Bailey (August, 1977)	Statesville
Giles Corey Baker (December, 1977)	New Bern
*Winfred Scott Bedington (August, 1977)	Hickory
Bryan Jackson Benton (June, 1977)	Raleigh
Margaret Taylor Bogle (August, 1977)	Concord
Michael Allison Boland (June, 1977)	Raleigh
Mark Allen Bombardier (August, 1977)	St. Albans, VT
David George Brunner (August, 1977)	Wyckoff, NJ
David Nelson Buckley (June, 1977)	Akron, OH
Donald C. Buckley (June, 1977)	Akron, OH
Vickie Lynn Byrd (December, 1977)	Raleigh
Stephen Elliott Carroll (December, 1977)	Goldboro
Charles Wesley Carter, Jr. (December, 1977)	Durham

* Honors

** High Honors

H Honors Program

Glennie Ruth Clark (December, 1977)	Raleigh
Larry Dayne Clemmer (June, 1977)	Dallas
* John Waddell Cobb (December, 1977)	Rocky Mount
Nora Anne Connors (December, 1977)	Roslyn Harbor, NY
Joel Craig Craven (December, 1977)	Winston-Salem
David Judson Creech (June, 1977)	Raleigh
John Coleman Daniel, III (June, 1977)	Raleigh
Scott Paul Doolittle (June, 1977)	Raleigh
Gavin Patrick Farrell (December, 1977)	Charlotte
Michael Franklin Felts (December, 1977)	Winston-Salem
Charles Benjamin Gallamore, Jr. (August, 1977)	Asheville
Charles Edward Garman, Jr. (December, 1977)	Reisterstown, MD
Roddey Williams Gatlin (June, 1977)	Charlotte
James Perry Godwin, Jr. (December, 1977)	Sanford
William Arthur Groce, III (August, 1977)	North Wilkesboro
Garland Douglas Guess (August, 1977)	Raleigh
Wilbert Randall Haith (August, 1977)	Siler City
* Cathy Sykes Harrell (December, 1977)	Lincolnton
James Edward Harrington (December, 1977)	Raleigh
Dwightie Ray Hawkins (December, 1977)	Grimesland
Carl Garrett Hayes (December, 1977)	Raleigh
Jack D. Hemingway, Jr. (June, 1977)	Dunn
Teresa Lynn Hennessee (June, 1977)	Henderson
Walter Taliaferro Hughes, Jr. (August, 1977)	Wilmington
Philip Clyde Hunter (December, 1977)	Goldsboro
Robert Lee Inman (August, 1977)	High Point
Kenneth Paul Jacobs (August, 1977)	Gastonia
Paul Bennett Jeffreys (December, 1977)	Fremont
George Henry Jordan, III (December, 1977)	Cary
* Sarah Brooks Joyner (August, 1977)	Cary
Frank G. H. Keel, Jr. (August, 1977)	Winston-Salem
Robert Murrell Kelly (December, 1977)	Raleigh
Mazen Amer Khammash (August, 1977)	Jerusalem, Jordan
* Marvin Banks Kibler (August, 1977)	Raleigh
William Edward Kidd (August, 1977)	Washington
William Thomas Lambert (June, 1977)	Raleigh
Charles Walter Lancaster (August, 1977)	Wilson
Ronald Norman LaPine (December, 1977)	Greensboro
Henry Ledbetter Leak (December, 1977)	Rockingham
James Keith Ledbetter (June, 1977)	Marion
Edwin Jordan Lee (December, 1977)	Wake Forest
Craig Kevin Lewis (December, 1977)	Raleigh
William Thompson Love (December, 1977)	Gastonia
* David Brock McAdams (December, 1977)	Raleigh
Patricia Kay McGraw (December, 1977)	Carthage
Patricia Clare Meadows (December, 1977)	Raleigh
James Gordon Mitchell (December, 1977)	Reidsville
James Mark Moore (June, 1977)	Cramerton
John Maurice Morgan (December, 1977)	Dunn
Thomas Lloyd Morgan (June, 1977)	Dunn
Stephen Thomas Motley (December, 1977)	Charlotte
Jennifer Lynn Murray (December, 1977)	Raleigh
* Mary Paige Pate Murray (December, 1977)	Raleigh
Jonathan Keith Nunnery (June, 1977)	Henderson
Thomas Calvin Oliver (December, 1977)	Raleigh
* William Walt Pettit (August, 1977)	Charlotte

* Honors

** High Honors

H Honors Program

Charlene Denise Powell (August, 1977)	Durham
David Roger Powell (June, 1977)	Raleigh
William Taft Proctor, Jr. (December, 1977)	Sanford
Rolland Lee Pugh (December, 1977)	Lexington
Gary Harold Robbins (December, 1977)	Cary
Stephen Mark Robinson (August, 1977)	Fuquay-Varina
Jon Steven Ruffy (August, 1977)	Salisbury
Dale Martin Shuford (August, 1977)	Claremont
Walter Anthony Simpson (December, 1977)	Elon College
**Alison Beth Smith (August, 1977)	Huntersville
Mickey Lee Smith (December, 1977)	Rockingham
Sheldon Lynn Smith (August, 1977)	Havelock
Stephen Gregory Spivey (June, 1977)	Charlotte
Charles Edwin Stallings (June, 1977)	Raleigh
*Ellen Lanier Teague (December, 1977)	Raleigh
Danny Carlton Teague (June, 1977)	Charlotte
Smornsri Thavornchan (December, 1977)	Bangkok, Thailand
Michael Williams Thomas (June, 1977)	Greensboro
Pamela Grissom Toomey (June, 1977)	Fayetteville
Charles Ray Walters, Jr. (December, 1977)	Raleigh
Woodrow Jenkins Warren (December, 1977)	Louisburg
Lewis Wade Weatherspoon (December, 1977)	Raleigh
Daniel Earl Williamson (December, 1977)	Chadbourn
Brian Clay Willis (December, 1977)	Mount Airy
Christopher Valentine Willis (December, 1977)	McLean, VA
Thomas Gerald Wise (December, 1977)	Charlotte
Albert Steven Woollen (June, 1977)	Charlotte
Steven Edward Wyant (June, 1977)	Garner

BACHELOR OF ARTS IN ECONOMICS

Carlos Felipe Barandiaran (December, 1977)	Lima, Peru
Bradley Michael Bass (December, 1977)	Atlanta, GA
Margaret Taylor Bogle (August, 1977)	Concord
Michael Franklin Felts (December, 1977)	Winston-Salem
Paul Bennett Jeffreys (December, 1977)	Fremont
Frank G. H. Keel, Jr. (August, 1977)	Winston-Salem
Robert Murrell Kelly (December, 1977)	Raleigh
Craig Kevin Lewis (December, 1977)	Raleigh
John Maurice Morgan (December, 1977)	Dunn
Thomas Lloyd Morgan (June, 1977)	Dunn
Jonathan Keith Nunnery (June, 1977)	Henderson
Robert Gordon Pearse (August, 1977)	Cary
David Roger Powell (June, 1977)	Raleigh
James Davidson Seabolt (December, 1977)	Greensboro
**Alison Beth Smith (August, 1977)	Huntersville
Mickey Lee Smith (December, 1977)	Rockingham
Marian O'Bryan Stewart (December, 1977)	Raleigh
*Ellen Lanier Teague (December, 1977)	Raleigh
Charles Ray Walters, Jr. (December, 1977)	Raleigh
Christopher Valentine Willis (December, 1977)	McLean, VA

BACHELOR OF SCIENCE IN ECONOMICS

Eugene Thomas Bruton (August, 1977)	Troy
Oriando Bocanegra Olcese (December, 1977)	Lima, Peru

* Honors ** High Honors H Honors Program

Charles Clinton Rouse (December, 1977)	Goldsboro
Mac Donald Sealey (December, 1977)	Raleigh

BACHELOR OF ARTS IN ENGLISH

George Lawrence Allen (June, 1977)	Cary
Lu Conrad Angel (August, 1977)	Carmel, IN
**Martha Jennette Banks (June, 1977)	Washington
Robert Dewey Black (December, 1977)	Mt. Holly
Kenneth Samuel Brooks (December, 1977)	Ft. Bragg
Bruce Patrick Cox (June, 1977)	Oxford
Henry Evans Dickerson, II (December, 1977)	Littleton
Jonnie Mae Flowers (June, 1977)	Clayton
**Brigid Eileen Reddy Hagarty (August, 1977)	Raleigh
Lisa Jan Haire (December, 1977)	Albemarle
Howard McGregor Hawkins (August, 1977)	Huntington, WV
Susan Elizabeth Kennedy (December, 1977)	Cary
Marilyn Elizabeth Marks (June, 1977)	Rocky Mount
Deborah Lynne McKinney (December, 1977)	Fayetteville
Linda Beatrix Molnar (December, 1977)	Charlotte
H**Thomas Reid Pearson (December, 1977)	Winston-Salem
Charles Leslie Phillips, Jr. (June, 1977)	Concord
Lewis Harold Powell, III (December, 1977)	Raleigh
Robert McElveen Regan (August, 1977)	Clarkton
Cheryl Patricia Staley (December, 1977)	Burlington
*Howard Dennis Truesdale (December, 1977)	Raleigh
*Marilyn Denise Whitley (June, 1977)	Raleigh
Ruth Davis Yachan (August, 1977)	Raleigh

BACHELOR OF ARTS IN FRENCH LANGUAGE AND LITERATURE

Diane Marie Schultz (December, 1977)	Raleigh
--	---------

BACHELOR OF ARTS IN HISTORY

Marihelen Atamanchuk (December, 1977)	Durham
Dorothy Signor Blake, III (December, 1977)	Albion, NY
Nancy Lynn Chambers (August, 1977)	Winston-Salem
Rodger Samuel Connelly (December, 1977)	Fayetteville
Bruce Patrick Cox (June, 1977)	Oxford
Lisa Nell Crater (December, 1977)	Greensboro
William Keith Crowder, Jr. (December, 1977)	Raleigh
*Michael Walter Downey (December, 1977)	Raleigh
Gregory Carl Gray (August, 1977)	Alexandria, VA
David Larry Guffey (December, 1977)	Forest City
James Raymond Gummow, Jr. (December, 1977)	Wilmington
David Coleman Hall (December, 1977)	Asheville
Samuel Sholes Homewood, Jr. (December, 1977)	Weldon
Mary Beth Janes (June, 1977)	Raleigh
Sherwood Tony Johnson (December, 1977)	Smithfield
Virginia Oswald Milby (December, 1977)	Raleigh
*Melinda Miller (December, 1977)	Raleigh
Robert Gordon Pearse (August, 1977)	Raleigh
**Richard M. Prior (August, 1977)	Cary

* Honors ** High Honors H Honors Program

BACHELOR OF ARTS IN MULTI-DISCIPLINARY STUDIES

Douglas Warren Beer (December, 1977)	Knightsdale
Jeffrey Lynn Burrell (December, 1977)	Canton

BACHELOR OF ARTS IN PHILOSOPHY

H*Jack Fred Luper (December, 1977)	Winston-Salem
William Scarr Shefte (December, 1977)	Charlotte

BACHELOR OF ARTS IN POLITICAL SCIENCE

Michael John Allard (June, 1977)	Suitland, MD
Annetta Maria Austin (December, 1977)	Selma
James Stephen Boyd (August, 1977)	Mount Airy
*James Daniel Campbell (December, 1977)	Parkersburg, WV
**Hanni Marie Cordes (December, 1977)	Raleigh
Charles Clare Fahrer (December, 1977)	Charlotte
Mark Frederick Harrison (December, 1977)	Fayetteville
*Henry Franklin Holt (December, 1977)	Wendell
Bruce Edward Meger (December, 1977)	St. Clairsville, OH
**Sarah Ann Presson (December, 1977)	Fayetteville
William Maytton Radford, Jr. (December, 1977)	Fayetteville
Samuel Christopher Reep (December, 1977)	Marion
William Scarr Shefte (December, 1977)	Charlotte
Robert James Smith (December, 1977)	Blanche
James Michael Stewart (December, 1977)	Fayetteville
Duncan Albert Warwick (December, 1977)	Raeford
*Martin James Wase, Jr. (December, 1977)	Burlington
*Richard Lee Weale (December, 1977)	Raleigh
Charles Lifsey Williams, Jr. (December, 1977)	Raleigh
William Basil Wilson (December, 1977)	Salisbury

BACHELOR OF ARTS IN SOCIOLOGY

**Kathleen Anspach Collins (December, 1977)	Raleigh
**Helen Amy Combs (December, 1977)	Lincolnton
Ellen McPhail Copeland (June, 1977)	Randolph, VA
Melody Anne Cothren (December, 1977)	Fayetteville
Bryan Douglas Craddock (December, 1977)	Cary
Lisa Nell Crater (December, 1977)	Greensboro
*Juliana Davis (December, 1977)	Winston-Salem
*Willie Richard Dildy (June, 1977)	Asheboro
Emmett Grady Gentry, III (December, 1977)	Winston-Salem
Debroah Joyce Haley (June, 1977)	Raleigh
**Claire Jo Hamilton (December, 1977)	Clinton
Nancy Sue Herman (December, 1977)	Raleigh
Gary Wayne Hundley (December, 1977)	Eden
Johnny Lee Johnson (August, 1977)	Zebulon
James Leslie Jones (December, 1977)	High Point
Brian David Lenehan (June, 1977)	Southern Pines
Karen Little (June, 1977)	Durham
Buren Katherine McLaughlin (December, 1977)	Tarboro
Hugh Millard Martin, Jr. (December, 1977)	Williamston
Robert Hackney Medlin (December, 1977)	Raleigh
**Michael Ray Michaels (December, 1977)	El Paso, TX
Gregory Sherwood Morris (August, 1977)	Hillsborough

* Honors

** High Honors

H Honors Program

*Diannae Marie O'Toole (December, 1977)	Raleigh
**Janice Lovell Powell (December, 1977)	Raleigh
Cynthia Craig Price (August, 1977)	Raleigh
Heather Mona Raphael (August, 1977)	Wilmington
Joseph Conklin Rasberry, III (June, 1977)	Kinston
Janet Sue Riggs (December, 1977)	Concord
**Sallie Lynne Shell (December, 1977)	Statesville
Robert Norman Siff (December, 1977)	Richmond, VA
*Elizabeth Therese Sprague (August, 1977)	Corning, NY
David Styron Tripp (December, 1977)	Raleigh
*Cindy Lou Wagner (December, 1977)	Charlotte
Peggy Leigh Walker (December, 1977)	Charlotte
Betty Katherine Wiggins (August, 1977)	Clinton

BACHELOR OF ARTS IN SPANISH LANGUAGE AND LITERATURE

Janet Kay Kastelberg (June, 1977)	Cary
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BACHELOR OF SOCIAL WORK

*Mary Ellen Anderson (December, 1977)	Wilson
Virginia Choate Coppridge (December, 1977)	Durham
Carolyn Sylvia Edwards (December, 1977)	Gaston
Pamela Marie Ellis (June, 1977)	Durham
Olivia Ann Fuhrman (June, 1977)	New Cumberland, PA
*Guy Erskine Gooding (December, 1977)	Raleigh
Phyllis Jane Gruber (August, 1977)	Raleigh
Carolyn Faye Harris (June, 1977)	Durham
Patricia Jane Huffstetler (June, 1977)	Charlotte
Ronald David Maloney (December, 1977)	Oxford
*Mary Jones Patterson (June, 1977)	Durham
Elizabeth Jo Shirley (August, 1977)	Rocky Mount
*Susan Sharpe Thomas (December, 1977)	Wentworth
Charlie Eric Waters (December, 1977)	Goldsboro
Stanley J. Wolicki, Jr. (December, 1977)	San Turci, PR

BACHELOR OF ARTS IN SPEECH COMMUNICATION

Danny Howard Adams (December, 1977)	Winston-Salem
Jane Gibbs Baskervill (June, 1977)	New Bern
Gregory Paul Brissette (December, 1977)	Wrightsville Beach
Jackie Lynn Clark (June, 1977)	Williamston
*Joseph Weaver Crook (June, 1977)	Cary
Nedra Marina Farrar (August, 1977)	South Ozone Park, NY
John Howard Franklin (December, 1977)	Greensboro
Lisa Jan Haire (December, 1977)	Albemarle
James Steven Humphrey (August, 1977)	Red Springs
Samuel Edwin Jeffries, Jr. (December, 1977)	Raleigh
Sue Ellen Minor (December, 1977)	Greensboro
William Roland Murray, Jr. (December, 1977)	Raleigh
Amelia Gail Powers (December, 1977)	Greensboro
Ralph Edward Stringer (December, 1977)	Warren, OH
John Ralph Stump Jr. (June, 1977)	Charlotte

* Honors ** High Honors H Honors Program

School of Physical and Mathematical Sciences



BACHELOR OF SCIENCE IN CHEMISTRY

Larry John Hanks (June, 1977)	Fayetteville
*Henry George Heinsohn (December, 1977)	Raleigh
**David Lewis Paschall (August, 1977)	Morganton
Robert Clinton Payne (December, 1977)	Taylorsville
**Nancy Louise Tove (August, 1977)	Raleigh

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

*Kenneth Randall Barkhau (June, 1977)	Raleigh
David Lee Britton (June, 1977)	Asheville
H**Thomas Eugene Davis (December, 1977)	Wilmington
Eric Zemp Farnum (August, 1977)	Raleigh
*Bobby Ray Johnson, Jr. (December, 1977)	Spring Lake
Stuart Omar Lingerfelt (December, 1977)	Statesville
Walter Martin Mahaffey (June, 1977)	Charlotte
Ronald Douglas McCann (December, 1977)	Raleigh
Gail Tori Kinstler (August, 1977)	Marion
Steven Frank Martin (June, 1977)	Statesville
Dennis Scott Newport (August, 1977)	Loveland, OH
Eric McKee Phillips (December, 1977)	Greensboro
Howard Plemmons, Jr. (December, 1977)	Mountain Home
Samuel Isaac Rhodes, Jr. (June, 1977)	Greensboro
Paul David Schmidt (August, 1977)	Raleigh
Glen Richard Shelton (December, 1977)	Raleigh
James Ray Shomaker, Jr. (December, 1977)	Dallas, TX
Margaret Fulton Tatum (December, 1977)	Winston-Salem
*Lauren William Taylor (December, 1977)	Cary
**Michael Lester Thomas (December, 1977)	Raleigh
David Benjamin Travis (December, 1977)	Cary
**David Edward Toelkes (June, 1977)	Winston-Salem
*Michael Ray Waller (December, 1977)	Kannapolis
Mark Wayne Wheeless (December, 1977)	Rocky Mount
James Henry Wiggs (December, 1977)	Newton

BACHELOR OF ARTS IN GEOLOGY

Henry Marshall Callis, Jr. (December, 1977)	Raleigh
*Christine Lynn Danskin (June, 1977)	Raleigh
James Willard Hobbs (August, 1977)	Greensboro
Thomas Burdett Neal (June, 1977)	Roanoke Rapids
**Maury Claiborne Newton, III (June, 1977)	Knightdale

* Honors ** High Honors H Honors Program

BACHELOR OF SCIENCE IN GEOLOGY

*Gina Boccetti (December, 1977)	Kinston
Joel Kenneth Brame (August, 1977)	Eden
Grover Cleveland Nicholson, III (June, 1977)	Greensboro
Christine Renda Sass (December, 1977)	Charlotte
Richard Franklin Snow (December, 1977)	Winston-Salem
*Dana Lee Wright (December, 1977)	Carlisle, PA

BACHELOR OF SCIENCE IN MATHEMATICS

Corbett Guy Buckle, Jr. (December, 1977)	Eden
*Karyn Leigh Coble (December, 1977)	Julian
Edward Lawrence Davis (June, 1977)	Raleigh
H**Karen Ruth Den Braven (December, 1977)	Asheville
Jack Whitely Haynes, Jr. (June, 1977)	Fayetteville
Mary Alice McMillin (June, 1977)	Greensboro
**David Edward Toelkes (June, 1977)	Winston-Salem

BACHELOR OF SCIENCE IN METEOROLOGY

**G. O. Dustin Harbage (June, 1977)	Indianapolis, IN
David Andrew Lawing (December, 1977)	Charlotte
*David Wesley Lehning (August, 1977)	Geyserville, CA
David Wayne Martin (June, 1977)	Hamptonville

BACHELOR OF SCIENCE IN PHYSICS

*Mohammed Saber Musazay (December, 1977)	Kabul, Afghanistan
*Richard Herman Rustad (December, 1977)	Raleigh

School of Textiles



BACHELOR OF SCIENCE IN TEXTILE CHEMISTRY

*Jivanlal Gulabrai Bhatt (December, 1977)	Bombay, India
Albert Lee Harrelson, III (June, 1977)	Rocky Mount
Robert Sterling Sheriff, III (December, 1977)	Charlotte
James Henry Wiggs (December, 1977)	Newton
**Kwai Hung Woo (December, 1977)	Hong Kong

BACHELOR OF SCIENCE IN TEXTILE TECHNOLOGY

**Rafael Manuel Aguirre (December, 1977)	Buenos Aires, Argentina
Ronald Eugene Atchley (December, 1977)	Ellenboro
*Alice Lucretia Bishop (December, 1977)	Concord
Janet Marie Borum (December, 1977)	Charlotte
James Edward Bruce (December, 1977)	Mooresville

* Honors ** High Honors H Honors Program

Bernard Curtis Bryant (June, 1977)	Goldsboro
Alfred Lyndon Bulla (December, 1977)	Plantation, FL
H*Philip Jakob Burger (December, 1977)	New Hyde Park, NY
*Thomas Lee Butz (December, 1977)	Waxhaw
Michael Warren Carpenter (December, 1977)	Hickory
Terry Lin Chavis (August, 1977)	Pembroke
Russell Wayne Chesnutt (December, 1977)	Roseboro
Robert Mitchell Dial (June, 1977)	Maxton
George Michael Gimbar, Jr. (December, 1977)	Easton, PA
*Jose Habie (December, 1977)	Guatemala City, Guatemala
Harley Charles Harcrow (June, 1977)	Raleigh
Albert Lee Harrelson, III (June, 1977)	Rocky Mount
Bernard Ross Hill (December, 1977)	Salisbury
Charles Patrick Hoffner, Jr. (December, 1977)	Sea Isle City, NJ
Gary Edward Holmes (December, 1977)	Mebane
Karen Elizabeth Holt (August, 1977)	Pleasant Garden
**Glenn James Kornett (December, 1977)	Kitchener, Ontario, Canada
Ray Calvin Lambert, Jr. (December, 1977)	Mt. Airy
Gary Carlson Locklear (December, 1977)	Raleigh
Norman John Mastalski (June, 1977)	Fayetteville
Jane Anne McKernan (December, 1977)	Charlotte
*Edward Philip Odessa (December, 1977)	Pawtucket, RI
Darrell Wayne Pardue (June, 1977)	Gibsonville
Gary Clark Pixley (December, 1977)	Roxboro
Daniel Robert Ponton, III (June, 1977)	Greensboro
Roger Leonard Porter (December, 1977)	Martinsville, VA
Michael Joseph Randall (June, 1977)	Oradell, NJ
David James Roddy (December, 1977)	Green Creek
Harry Louis Rollyson (December, 1977)	Sneads Ferry
Joseph Francis Russell, Jr. (December, 1977)	Albemarle
Keith Harol Sales (December, 1977)	Burlington
Barry Luther Sigmon (December, 1977)	Newton
Everette Stephen Sykes (December, 1977)	Rocky Mount
David Wayne Tate (June, 1977)	Burlington
Edward Steven Ward (December, 1977)	Forest City
Robert James Wehrmann (December, 1977)	Wilkesboro
Derek Ethan White (December, 1977)	Fayetteville
Donald Ray Wilson (December, 1977)	Salisbury
Bekir Yerlioglu (August, 1977)	Adana, Turkey

Professional Degrees



MECHANICAL ENGINEER

Joseph Henry Frisbee (June, 1977) Raleigh

* Honors

** High Honors

H Honors Program

ELECTRICAL ENGINEER

Kiran D. Patel (December, 1977) Dar-Es-Salaam, Tanzania
Donald Edward Pettigrew (December, 1977) Greensboro

INDUSTRIAL ENGINEER

James Robert Opdycke (December, 1977) Jacksonville, FL

NUCLEAR ENGINEER

Mohammad Reza Saba (December, 1977) Tehran, Iran

Master's Degrees



MASTER OF AGRICULTURE

Yi-Hsiung Cheng (December, 1977) Chiayi, Taiwan
Milton Bickley Parker, Jr. (August, 1977) Media, PA
Henry Charles Riddick (December, 1977) Washington
Samuel Noland Uzzell (December, 1977) Raleigh

MASTER OF ARCHITECTURE

Jacqueline Anita Blaylock-James (December, 1977) Chapel Hill
Daniel Louis Disenza (June, 1977) Springfield, MA
Sara Lee Foster-Crowder (December, 1977) Raleigh
Patrick Maurice L. Hauvette (June, 1977) Ville D'Avray, France

MASTER OF BIOMATHEMATICS

Ronald John Czochor (August, 1977) Naugatuck, CT

MASTER OF CIVIL ENGINEERING

Everette Lunsford Chambliss, Jr. (August, 1977) Raleigh
Henry Leon Lucas (December, 1977) Rocky Mount
William Nelson Young, III (December, 1977) Greenwich, NY
Robert James Zerrillo (December, 1977) Cortland, NY

MASTER OF ECONOMICS

Fathi Khalil El-Khadrawi (August, 1977) Monof, Egypt
Peng-Chiao Theresa Fang (August, 1977) Tainan, Taiwan
David Laurence Kendall (December, 1977) Mt. Pleasant, SC
Elizabeth Ann McDermed (June, 1977) Durham
Sarah Geddie Pridden (June, 1977) Charlotte

Alan Stuart Rouse (August, 1977)	Jacksonville
Pamela VanPelt Whigham (June, 1977)	Warner Robins, GA
Brian Joseph White (December, 1977)	Metairie, LA

MASTER OF EDUCATION

Adult and Community College Education

Rosemarie Adele Atino (December, 1977)	Richmond, VA
Betty Carol Barker (June, 1977)	Newton
Laureen Williams Bates (December, 1977)	Spring Lake
Fred Belfield, Jr. (December, 1977)	Rich Square
Sally Tart Bethune (December, 1977)	Raleigh
James Leo Block (June, 1977)	Neenah, WI
Sue Beard Bloodsworth (August, 1977)	Lumberton
Ronald Joseph Bower (December, 1977)	Fayetteville
Dorothy Mills Brinson (August, 1977)	Tarboro
Marvin Bernard Bush, II (December)	Ft. Lauderdale, FL
Linda Bright Conoley (August, 1977)	Wendell
Carroll Melvyn Coomer (December, 1977)	Washburn, TN
Joan Hales Crockett (August, 1977)	Raleigh
Archer Rene Gravely, III (August, 1977)	Danville, VA
Judith Ann Siege Hemmingway (August, 1977)	Southern Pines
Diana Monroe Henshaw (August, 1977)	Lumberton
Ingelore Holthe (June, 1977)	Fayetteville
Millard Cleveland Howell, Jr. (December, 1977)	Monroe
Robert Nelson Jackson, Jr. (December, 1977)	Greensboro
Ada Mae Leonard (December, 1977)	Fayetteville
Donna Lynn Mayes (December, 1977)	Hope Mills
Kathy Gayle Messer (December, 1977)	Fayetteville
Linda Chisholm Moore (December, 1977)	Laurinburg
Amy Hamlin Raiser (December, 1977)	Durham
William Michael Reaves (December, 1977)	Salemberg
John Gilbert Richardson (August 1977)	Lumberton
Betty Chisholm Rouse (December, 1977)	Fayetteville
Bonita Grundy Sexton (December, 1977)	Indiana, PA
Sharon Scott Simonson (June, 1977)	Sanford
Beverly June Smith (June, 1977)	Merchantville, NJ
Margaret Kelly Smith (June, 1977)	Sanford
Marjorie Louise Snowden (December, 1977)	Fayetteville
Thelma Portman Stansell (December, 1977)	Sanford
Ralph Eugene Thompson (December, 1977)	Fayetteville
Reba Faye Thorpe (June, 1977)	Newsoms, VA
Attie Lois Torrey (August, 1977)	St. Pauls
Vanilla G. Wilson (December 1977)	Fayetteville
Robert Brison Turner (August, 1977)	Fayetteville
John Wesley Woltersdorf, Jr. (June, 1977)	New Orleans, LA
Susan Wehrlen Wood (December, 1977)	Whiteville
Ralph Ronald Wrye (June, 1977)	Miami, FL

Agricultural Education

William Steven Cline (August, 1977)	Thomasville
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Curriculum and Instruction

Mrytle Miller Ross (August, 1977)	Raleigh
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Guidance and Personnel Services

Janice Morgan Butler (June, 1977)	Wilmington
Norma Tomasello Caltagirone (August, 1977)	Tampa, FL
Emily Susan Dail (June, 1977)	Mount Olive
Ernal Willard Foster, Jr. (June, 1977)	Hatteras
Robbie Lorraine Graham (December, 1977)	Raleigh
Richard Dial Greer (June, 1977)	Shelby
Janice Styons Hall (December, 1977)	Cary
Willie Witherspoon Hawkins (December, 1977)	Raleigh
Macon Marshall Jefferys (December, 1977)	Raleigh
Linda Baugh Long (June, 1977)	Chapel Hill
Joy Grace McKenzie (December, 1977)	Palm Beach, FL
Allan Ray Miller (June, 1977)	Knotts Island
Beverly J. Fowler Mitchell (June, 1977)	Winston-Salem
Patricia Carroll Mitchell (December, 1977)	Raleigh
Linda Shaver Moore (December, 1977)	Wilmington
Sylvia Jean Moore (December, 1977)	Greenville
Ellen Dabney Parrish (June, 1977)	Winston-Salem
Sandra Hedgepeth Pittman (August, 1977)	Rocky Mount
Dorothy Williford Puckett (December, 1977)	Oxford
Milton Harold Rogerson, Jr. (December, 1977)	Wilson
Rita Jones Shipman (December, 1977)	East Flat Rock
Del Tricia Currie Smith (December, 1977)	Fayetteville
Diannia Woolard Street (August, 1977)	Willow Springs
Norma Roberts Wright (December, 1977)	Sanford

Industrial Arts Education

James Robert Baggs (August, 1977)	Swansboro
Douglas Walls (December, 1977)	Mt. Olive

Mathematics Education

Connie Wilson Crook (December, 1977)	Raleigh
Christine Heinecke Lehmann (August, 1977)	Raleigh
Marvin Ray Pittman (August, 1977)	Pinetops

Occupational Education

Dorothy Kennedy Honeycutt (August, 1977)	Raleigh
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Science Education

Pamela Jane Arthurs (August, 1977)	Pittsboro
Marshall Dean Keith, Jr. (December, 1977)	High Point
Donna Ennis Scott (December, 1977)	Dunn

Special Education

Bonita Yvonne Cox (August, 1977)	Sanford
Jennifer Spencer High (August, 1977)	Raleigh
Linda Griffin Jones (December, 1977)	Raleigh
Karen Sharpe O'Rourke (December, 1977)	Asheville
Barbara Whelpley Regan (December, 1977)	Raleigh

Vocational Industrial Education

Mack Ray Choplin (December, 1977)	Henderson
John Franklin Cudd, Jr. (December, 1977)	Raleigh
Ialeen Sigmon Mode (December, 1977)	Franklinton

MASTER OF ELECTRICAL ENGINEERING

David Eugene Hooks (June, 1977)	Winston-Salem
Burdett Stanley Rowe (December, 1977)	Winston-Salem

MASTER OF ENGINEERING

Louis Henry Sawyer (December, 1977)	Wilmington
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MASTER OF FORESTRY

Robert Knox Boozer (June, 1977)	Raleigh
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MASTER OF LANDSCAPE ARCHITECTURE

Priscilla Smith Badgett (June, 1977)	Raleigh
Karen Elaine Cole (December, 1977)	Raleigh
Robert Gabriel Klute, II (August, 1977)	South Bend, IN
Joseph Stanley LeGath (December, 1977)	El Paso, TX
Jon Edgar Pearson (August, 1977)	Raleigh
Rodney Leon Swink (December, 1977)	Lexington
Betty McBride Twiggs (December, 1977)	Raleigh
Hamilton Elms Withers, III (December, 1977)	Salisbury

MASTER OF LIFE SCIENCES

Joel Bennett Tigler (June, 1977)	Charlotte
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MASTER OF MECHANICAL ENGINEERING

Ghasem Vaezzadeh Asadi (December, 1977)	Shiraz, Iran
Pipon Boonchanta (December, 1977)	Bangkok, Thailand
Guy Gibson Campbell (December, 1977)	Washington
James William Leggette (December, 1977)	Tabor City
Abdul Basir Sadat (June, 1977)	Kabul, Afghanistan
John Cornelius Yeoman, Jr. (August, 1977)	Princeton, NJ

MASTER OF PRODUCT DESIGN

Amos Shou-jen Bien (December, 1977)	Taipei, Taiwan
Stephen Wilkins Jenkins (December, 1977)	Raleigh
Marcia Tilton McKaig (December, 1977)	Durham

MASTER OF PUBLIC AFFAIRS

Aniedi John Abaseikong (December, 1977)	Nigeria, West Africa
Delano Howard Berry (December, 1977)	Kinston
Mary Aldige Brogden (December, 1977)	Durham
Anneta Marcell Bunting (December, 1977)	Durham
William George Graham (August, 1977)	Roanoke Rapids

Ralph Eugene Hartis (August, 1977)	Gastonia
David L. Hershman (December, 1977)	Raleigh
Donald Rudolph Jackson, Jr. (August, 1977)	Raleigh
John Wells Lassiter (December, 1977)	Cary
Kenneth Royall Marshburn (August, 1977)	Asheville
John Stephen Parker (December, 1977)	Boone
George Laurin Powers (December, 1977)	Baton Rouge, LA
Henry Cicero Sells (August, 1977)	Dallas
Billy Wayne Sutton (December, 1977)	Greenville
Kay Horton Taylor (August, 1977)	Rutherfordton

MASTER OF RECREATION RESOURCES

Douglas Donald Longhini (December, 1977)	Wyoming, NY
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MASTER OF SOCIOLOGY

Sister James Margaret Haines (August, 1977)	Immaculata, PA
May Ibrahim (August, 1977)	Raleigh
Dennis James McCain (June, 1977)	Hazel Crest, IL

MASTER OF STATISTICS

Allen Lee Black (December, 1977)	Ft. Polk, LA
Mary Roberta Blue (December, 1977)	Goldsboro
Lynn Palmer Dix (December, 1977)	Oak Ridge, TN
Suzanne Hammond (June, 1977)	Vero Beach, FL
Dale Paul Lifson (June, 1977)	Short Hills, NJ
Premjai Likidecharote (December, 1977)	Bangkok, Thailand
LuAnne McGaha Mawby (June, 1977)	Catawba, VA
Abdurrauf Rambe (December, 1977)	Bogor, Indonesia
Joseph Bingman Simmons (August, 1977)	Mount Airy
Chandhana Talumassawatdi (December, 1977)	Nakornsawan, Thailand

MASTER OF TECHNOLOGY FOR INTERNATIONAL DEVELOPMENT

James Alexander Minor, Jr. (August, 1977)	Richmond, VA
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MASTER OF TEXTILES

Aliasghar Alamdar-Yazdi (December, 1977)	Yazd, Iran
Muhammed Anwer Balagamwalla (August, 1977)	Karachi, Pakistan
Juan Jose Criado (August, 1977)	Lima, Peru
Janakray Ramniklal Desai (December, 1977)	Surat, Gurarat, India

MASTER OF TEXTILE TECHNOLOGY

George Felix Moore, Jr. (June, 1977)	Raleigh
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MASTER OF WOOD AND PAPER SCIENCE

Sumit Kumar Dutta (December, 1977)	Calcutta, India
Marsha Marie Hurst (December, 1977)	Raleigh
Mohamad Bin Husin (December, 1977)	Muar, Johor, West Malaysia
Adel Kassebi (December, 1977)	Astara, Guilan, Iran

MASTER OF ARTS DEGREES

Economics

George Benjamin Rush (December, 1977)Reston, VA

English

Barbara Peterson Benson (December, 1977) Raleigh
Frances Lynn Bergesen (December, 1977) Mountain Lake, NJ
Angela Lindsay Connor (August, 1977) Orange City, FL
Kathryn Ruth Curle (December, 1977) Waynesville
Sheila Clancy Ewing (August, 1977) Raleigh
Caroline Ann Gryta (December, 1977) Scotch Plains, NJ
Rebekah Blair Henderson (August, 1977) Mooresville
Carol Pearce Hiscoe (December, 1977) Franklinton
David Carl Jordan (December, 1977) Whiteville
Ellen Elizabeth Voss (August, 1977) Laurinburg
Gay Alden Wilentz (August, 1977) New York, NY

History

Mona Franks Knight (December, 1977) Raleigh
Dennis Roger Lawson (June, 1977) Chapel Hill
Gene Jerome Williams (December, 1977) Goldsboro

MASTER OF SCIENCE DEGREES

Animal Science

Claude Wesley Eden (December, 1977) Warner Robins, GA
Michael Grey Kelly (June, 1977) Huntersville
Roger Lee McCraw (December, 1977) Cana, VA
Ederlon Ribeiro de Oliveira (December, 1977) Recife, Pernambuco, Brazil
Edgardo Rafael Rivera (December, 1977) Rio Piedras, Puerto Rico
Luiz Mauricio Cavalcante Salviano (December, 1977) Iguatu, Ceara, Brazil
Steven Ray Short (August, 1977) Durango, CO

Biochemistry

Douglas Michael Benson (December, 1977) Benson
David Middlebrook Knight (December, 1977) Bronxville, NY
Betty Colleen Tuggle (August, 1977) Newton

Biological and Agricultural Engineering

Keith Carvis McGregor (August, 1977) Oxford, MS
Garrett Lee Van Wicklen (December, 1977) Northport, NY

Botany

Margaret Kay Kluttz Clapp (December, 1977) Salisbury
Janet Ruth Hatley (December, 1977) Polkton
Karen Lee McKee (June, 1977) Starkville, MS
Elizabeth LaVerne Smith (June, 1977) Morganton
Gary Richard Smith (June, 1977) Mt. Holly, NJ

Chemical Engineering

- Randy Douglas Jester (August, 1977) Asheboro
Kasem Phaerakkakit (December, 1977) Bangkok, Thailand

Chemistry

- Jack Randel Butler (December, 1977) Greensboro
Charles Everett Gragg (December, 1977) Raleigh
Sheila Willingham Hedges (June, 1977) Asheville
Ranmali Devlina Wijayaratne (December, 1977) Colombo, Sri Lanka

Civil Engineering

- Amar Nath Sood (December, 1977) Punjab, India
Neal Timothy Wright (December, 1977) Hatboro, PA

Crop Science

- Carrie Crompton (December, 1977) Chesterfield, MA
Andrew Glenn Hayes (December, 1977) Elizabethtown
Karen Ann Kuenzel (December, 1977) Garnavillo, IA
Koon-Hup Lim (June, 1977) Kuala Trengganu, Malaysia
Barbara Susan Smith (August, 1977) Wilson

Ecology

- Gary Bigelow (December, 1977) Bridgeport, CT

Electrical Engineering

- Irfan Ahmed (December, 1977) Lahore, Pakistan
Chung-Yih Chen (August, 1977) Kaohsiung, Taiwan
Teshome Ejigu (August, 1977) Addis Ababa, Ethiopia
Robert Page Gooch (December, 1977) Henderson
Sammuel Keith Hitchcock (December, 1977) Winston-Salem
Sao Sing Horng (December, 1977) Taipei, Taiwan
William Joseph Ilas (December, 1977) Youngstown, OH
David Yale Katz (December, 1977) Kinston
Johnny James Le Blanc (December, 1977) New Iberia, LA
Thomas Richard McPherson, Jr. (December, 1977) Yanceyville
Ronald Bruce Martin (December, 1977) Chicago, IL

Engineering Science and Mechanics

- Dominique Blachon (June, 1977) Lyon, France

Entomology

- Terry Prewitt Nuhn (December, 1977) Arlington, VA
Gail Lynn Scotton (December, 1977) Bloomfield, CT
David Walter Williams (August, 1977) Elkhart, IN

Food Science

- Nancy Beth Austin (December, 1977) Williamsville, NY
Richard Kevin Chumney (December, 1977) Pennington, NJ

Dominick Damiano (August, 1977)	Colonia, NJ
Allan Robert Hovis (August, 1977)	Greensboro
Gail Mindy Kempler (August, 1977)	Atlanta, GA
William Oswin McCarty (December, 1977)	Corpus Christi, TX
Patricia Anne Moore (December, 1977)	Schenectady, NY
Debra Kaiser Palladino (December, 1977)	Lindenhurst, NY
Edward Allen Potts (December, 1977)	Carmi, IL
Ford Bruce West (December, 1977)	Marble

Forestry

James Albert Gent (December, 1977)	Babylon, NY
Serena Colvin Hunter (December, 1977)	Jasper, AL
William Henry Lock (December, 1977)	Jacksonville
Michael Allan Norden (December, 1977)	Gainesville, FL
William Dwight Smith (December, 1977)	Baltimore, MD

Genetics

Jon Carl Mirsalis (December, 1977)	Richmond Heights, OH
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Geology

John Paul Burnette (August, 1977)	Rocky Mount
George Bruton Green, Jr. (August, 1977)	Mt. Gilead
William Leroy Stone, Jr. (August, 1977)	Chester, PA
Stephen Henry Westbrook (December, 1977)	Four Oaks

Horticultural Science

Edward Karl Horst (December, 1977)	Biglerville, PA
Anthony Charles Joneck (June, 1977)	Boston, MA
Pamela Elizabeth Miller (December, 1977)	Clinton
Girlie Wong (December, 1977)	Penang, Malaysia

Industrial Engineering

Hugh Michael Mahany (June, 1977)	Savannah, GA
Conniesue Barfield Oldham (December, 1977)	Chapel Hill
David Lester Phipps, Jr. (December, 1977)	Jefferson
John Claude Spain (December, 1977)	Henderson
Shigeo Suga (December, 1977)	Tokyo, Japan
Lawrence Albert Weaver, III (June, 1977)	Weaverville

Marine Sciences

Stanley Jack Boc, Jr. (June, 1977)	North Weymouth, MA
James Alan Daniels (June, 1977)	St. Louis, MO

Materials Engineering

Francisco Erasmo Iannetti (June, 1977)	Valencia, Venezuela
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Mathematics

Josephine Patterson Guglielmi (June, 1977)	Tarboro
James Edgar Pedgrift (June, 1977)	Santa Rosa, CA

Mathematics (Applied)

- Shahla Karimian (August, 1977) Shiraz, Iran
Robert Paul Pasternak (December, 1977) Fleischmanns, NY
Marjolein Estella van der Vaart (December, 1977) Raleigh

Mathematics Education

- Harold Cleveland Kilpatrick (June, 1977) Hendersonville

Mechanical Engineering

- William Charles Bryan (December, 1977) Tar Heel
James Reginald Byrd (December, 1977) Ramseur
Barry Lee Cates (December, 1977) Hillsborough
Charles Jonathan Cottrell (June, 1977) Cary
Thomas Michael Fann (June, 1977) Jackson, TN
Clay Bardwell Jones (June, 1977) Wilmington
Charles Gradow Powers (December, 1977) Norfolk, VA
Vadakanchery Ganapathy Ramaswamy (June, 1977) Paighat, India
James Edwin Rumbough, Jr. (June, 1977) Hickory

Meteorology

- Howell Frank Snodgrass, Jr. (December, 1977) Chattanooga, TN

Microbiology

- Doris Alicia Betancourt (December, 1977) Rio Piedras, Puerto Rico
George Donald Easton, Jr. (June, 1977) Greenbelt, MD
Jayne Kathleen Klinger (December, 1977) Raleigh
James Richmond Phillips (August, 1977) Titusville, FL

Nuclear Engineering

- George Brooks Beam (December, 1977) Clarksville, VA
David Arthur Brisson (June, 1977) Fuquay-Varina
Deva Rajan Chari (December, 1977) Washington, D. C.
Sven Eric Johnson (December, 1977) Washington, D. C.
Rodney Marvin Roberts (December, 1977) Youngsville

Nutrition

- Louis Ernst Armentano (December, 1977) Brooklyn, NY
David Middlebrook Knight (December, 1977) Bronxville, NY
Curt Lunchick (June, 1977) Raleigh
Robert Bruce Morrissey (August, 1977) Waldwick, NJ

Operations Research

- Cynthia Price Holding (August, 1977) Raleigh
Pakize Sencer Pulat (June, 1977) Ankara, Turkey
Barbara George York (December, 1977) Edenton

Physics

- Christopher Ray Westerfeldt (December, 1977) Wisconsin Dells, WI

Physiology

- Randy Deskin (December, 1977) Queens, NY
Mark Stuart Kronenberg (December, 1977) Brooklyn, NY
Mark Odell Shambley (December, 1977) Durham

Plant Pathology

- Ahmad Saad Al-Hazmi (December, 1977) Hail, Saudi Arabia
Margaret Ruth Brant (August, 1977) Raleigh
Marilyn Ethel Daykin (December, 1977) Vestal, NY
Jennifer Johnson Jones (December, 1977) Princeton
Kathleen Elizabeth Moore (December, 1977) Scotia, NY
John Francis Nardacci (December, 1977) Greenfield, MA
Aloisio Sartorato (August, 1977) Campinas, Sao Paulo, Brazil

Poultry Science

- Charles Michael Williams (December, 1977) Pine Ridge

Psychology

- Rufus Couch Allen (June, 1977) Raleigh
Michael McCune Cole (December, 1977) Greensboro
James Edwin Covington (December, 1977) Rockingham
Linda Cravotta Grimsley (June, 1977) Raleigh
Ann Davis Matheny (August, 1977) Zebulon
Gerald Tilman Pollard (December, 1977) Raleigh
Nelda Jones Zaleski (August, 1977) Pinebluff

Recreation Resources Administration

- Lawrence Wayne Flint (August, 1977) Worcester, MA
Donald Lynn McLaughlin (December, 1977) Mesa, AZ
John Carter Poole (December, 1977) Raleigh

Rural Sociology

- Tibbitt Marvin Chance (December, 1977) Wilmington
Kenneth Lee Kindley (December, 1977) Concord
Lauch Howard McElhaney (December, 1977) Montgomery, AL

Soil Science

- William Lee Meyer (December, 1977) Rocky Mount
Douglas James Thomas (December, 1977) Newport, TN

Statistics

- Koon-Hup Lim (June, 1977) Kuala Trengganu, Malaysia
Nirmal Man Pradhan (June, 1977) Kathmandu, Nepal

Textile Chemistry

- John Albert Adeimy (December, 1977) Hamlet
Edwin Boudreaux, Jr. (December, 1977) Virginia Beach, VA
Elton Theron Caviness (December, 1977) Robbins

Ashok Chimanlal Makati (June, 1977) Bombay, India
 Prashant Prabhu (December, 1977) Bombay, India
 Lachhman Hassanand Wadhwa (December, 1977) Chembur-Bombay, India

Textiles

Ernest Iredell Fleming, III (December, 1977) Rocky Mount
 Samuel Hatcher Herring (December, 1977) Rocky Mount
 Kang-Min Huang (August, 1977) Taipei, Taiwan
 Teresa Mae Martens (December, 1977) Champaign, IL

Wildlife Biology

Isaac Rhodes Robinson, Jr. (August, 1977) Asheboro
 Barbara Jane Rowley (June, 1977) Winston-Salem
 Robert Timothy Stamps (August, 1977) Falls Church, VA

Wood and Paper Science

Xuan Nghinh Nguyen (June, 1977) Hanoi, Vietnam
 Peter Dana Senter (June, 1977) Oakland, CA

Zoology

Gerarda Maria Bediz (December, 1977) Amsterdam, The Netherlands
 Alvin Louis Braswell (June, 1977) Monroe
 Dwayne Denis Findley (June, 1977) San Jose, CA
 Leon Stacy Jernigan, Jr. (June, 1977) Buies Creek
 Matthew Evan Marshall (August, 1977) Raleigh
 Janet Shy Modjeska (December, 1977) Chillicothe, MO

Doctor of Education Degrees

- Lynn Pickens Barrier, Industrial Arts Education
Raleigh, North Carolina (December, 1977)
Dissertation: The History of Industrial Arts Education in North Carolina, 1919-1977. (Under the direction of Talmage B. Young).
- Jao-Shiung Chen, Industrial Arts Education
Hsinchu, Taiwan (December, 1977)
Dissertation: A Longitudinal Study of the Industrial Arts Graduates of North Carolina State University. (Under the direction of Talmage B. Young).
- William Neal Conoley, Jr., Adult and Community College Education
Wendell, North Carolina (June, 1977)
Dissertation: Attitudes of Extension Professionals toward the Use of Incentives and Competition in 4-H. (Under the direction of James D. George and J. Conrad Glass, Jr.).
- Richard Northrup Fisher, Adult and Community College Education
Wake Forest, North Carolina (December, 1977)
Dissertation: Testing Emphasis and Technical Curriculum Placement Procedures among Selected North Carolina Community Colleges. (Under the direction of William L. Gragg).
- Sara Sutton Montgomery, Adult and Community College Education
Cullowhee, North Carolina (December, 1977)
Dissertation: Professionalization Trends in Adult Education, USA, 1970-1976. (Under the direction of Estelle E. White and Edgar J. Boone).
- Anne Rogers Moore, Adult and Community College Education
Fayetteville, North Carolina (December, 1977)
Dissertation: Industrial Training in North Carolina: Case Studies in New and Expanding Industries, 1975-77. (Under the direction of William L. Gragg and Ben E. Fountain, Jr.)
- Walter Herman Timm, Jr., Occupational Education
South Amboy, New Jersey (August, 1977)
Dissertation: An Investigation of the Pedagogical Performance Requirements Common and Unique to Secondary Cooperative Vocational Education Instructors Performing at Two Ends of the Program Structure Continuum—Capstone and Total Co-op. (Under the direction of Durwin M. Hanson and Farmer S. Smith).

Doctor of Philosophy Degrees

- Robert Foisy Adrion, Physics
Cary, North Carolina (August, 1977)
Dissertation: Optical Properties of Plano-convex Cylindrical Lens Arrays. (Under the direction of Richard R. Patty and Edward R. Manring).
- John Michael Anderson, Industrial Engineering
Wilmington, North Carolina (December, 1977)
Dissertation: Examination Scheduling: Minimizing Student Multiple-examination Days. (Under the direction of Richard H. Bernhard).
- Viney Pal Aneja, Chemical Engineering
Kanpur, India (December, 1977)
Dissertation: Dynamic Studies of Ammonia Uptake by Selected Plant Species under Flow Reactor Conditions. (Under the direction of Edward P. Stahel).
- Mohammad Reza Bannazadeh Mahani, Marine Sciences
Kerman, Iran (December, 1977)
Dissertation: A Model for the Atmospherically Forced Circulation in an Ocean Basin. (Under the direction of Gerald S. Janowitz and Leonard J. Pietrafesa).
- Joe Alvin Bates, Psychology
Magnolia, Arkansas (December, 1977)
Dissertation: Cognitive Correlates of Systematically Derived Occupational Variables. (Under the direction of Joseph W. Cunningham).
- Jerry Marshall Bigham, Soil Science
Lockney, Texas (August, 1977)
Dissertation: Iron Mineralogy of Red-yellow Hued Ultisols and Oxisols as Determined by Mossbauer Spectroscopy, X-ray Diffractometry and Supplemental Laboratory Techniques. (Under the direction of Stanley W. Buol).
- Tyler Blake, Psychology
San Francisco, California (June, 1977)
Dissertation: Internally Augmented Displays: Contingent Aftereffects as Performance Aids. (Under the direction of Richard G. Pearson).
- Vincent Paul Bonaminio, Horticultural Science
Raleigh, North Carolina (June, 1977)
Dissertation: Ancyridol Effects on Selected Floriculture Crops Grown in Controlled Environmental Chambers. (Under the direction of Roy A. Larson).

- Yevonne Sue Brannon, Sociology
Fayetteville, North Carolina (August, 1977)
- Dissertation: Family Size in Successive Generations and Variations in Value Orientations. (Under the direction of William B. Clifford and R. David Mustian).
- Arnaldo Chaer Borges, Soil Science
Sacramento, Minas Gerais, Brazil (December, 1977)
- Dissertation: Interactions of Cadmium in a Soil-Soybean Plant-*Rhizobium japonicum* System. (Under the direction of Arthur G. Wollum).
- James Edward Brown, Biochemistry
Chester, South Carolina (June, 1977)
- Dissertation: Liver Ion Stores and Ferritin Structure in Relation to the Replacement of Primitive Red Cells during Metamorphosis of *Rana catesbeiana*. (Under the direction of Elizabeth C. Theil).
- Rion Alan Causey, Nuclear Engineering
Raleigh, North Carolina (December, 1977)
- Dissertation: Tritium Diffusion and Deuterium Solubility in Silicon Carbide and Pyrolytic Carbon. (Under the direction of Thomas S. Elleman and Kuruvilla Verghese).
- Shou-Mei Tsao Chang, Biochemistry
Hsinchu, Taiwan (August, 1977)
- Dissertation: Structure of Papain Modified by Reaction with 2-Chloro-methyl-4-nitrophenyl (N-carbobenzoxy) glycinate. (Under the direction of H. Robert Horton).
- Roger Charles Chapman, Forestry
Springfield, Pennsylvania (August, 1977)
- Dissertation: An Investigation of Compatibility Constrained Prediction with Incomplete Initial Samples. (Under the direction of William L. Hafley).
- Chia-hsing Chiang, Materials Engineering
Lu-Kang, Taiwan (June, 1977)
- Dissertation: Mechanical and Thermal Expansion Behavior of Angle-Ply and Filament Wound Composites. (Under the direction of Abdel A. Fahmy).
- Keith James Collins, Economics and Statistics
South Windsor, Connecticut (December, 1977)
- Dissertation: An Economic Analysis of Export Competition in the World Coarse Grain Market: A Short-run Constant Elasticity of Substitution Approach. (Under the direction of Paul R. Johnson).
- Alvaro Cordero, Soil Science
San Jose, Costa Rica (December, 1977)

- Dissertation: Principles of Intercropping: Effects of Nitrogen Fertilization and Row Arrangement of Growth, Nitrogen Accumulation, and Yield of Corn and Interplanted Understory Annuals. (Under the direction of Robert E. McCollum and Eugene J. Kamprath).
- Hilton Thadeu Do Couto, Forestry
Piracicaba, Sao Paulo, Brazil (December, 1977)
- Dissertation: Volume and Dry Weight Prediction with Alterable Utilization Standards for Five Hardwood Species in the Southeastern United States. (Under the direction of William L. Hafley).
- James Clarence Crew, Psychology
Raleigh, North Carolina (December, 1977)
- Dissertation: The Perceived Quality of Life and its Demographic Correlates: An Enquiry into the Nature of Human Well-being in Raleigh, North Carolina. (Under the direction of Howard G. Miller and Frank J. Smith).
- Edward Lamon Davis, Operations Research
Union Bridge, Maryland (August, 1977)
- Dissertation: Optimal Joining Policies for a Queuing System Having Parallel Channels. (Under the direction of Shaler Stidham, Jr.).
- James Larry Deaton, Economics
Springfield, Virginia (December, 1977)
- Dissertation: The Adoption and Diffusion of the Combined Harvester-Thresher in the United States: A Study in Economic History. (Under the direction of Richard E. Sylla).
- Allen Craig Eberhardt, Mechanical Engineering
Raleigh, North Carolina (December, 1977)
- Dissertation: The Truck Tire Vibration Sound Mechanism. (Under the direction of William F. Reiter and Franklin D. Hart).
- David James Enscoe, Chemical Engineering
Winston-Salem, North Carolina (August, 1977)
- Dissertation: The Effects of Particle Size and Prior Sample History on n-Hexane Vapor Sorption in Glassy Polystyrene Microspheres. (Under the direction of Harold B. Hopfenberg).
- David Mitchell Flinchum, Forestry
Carthage, North Carolina (August, 1977)
- Dissertation: Lesser Vegetation as Indicators of Varying Moisture Regimes in Bottomland and Swamp Forests of Northeastern North Carolina. (Under the direction of Thomas O. Perry).
- Miriam Gayle Gloss, Psychology
Wellesley, Massachusetts (December, 1977)

- Dissertation: The Capacity of Women to Perform Strenuous Work. (Under the direction of Howard G. Miller).
- Vincent George Guida, Marine Sciences
Beaufort, North Carolina (December, 1977)
- Dissertation: The Physiological Ecology of the Oyster-burrowing Sponge Symbiosis and the Roles of Symbioses in Marine Systems. (Under the direction of Bernard S. Martof).
- Sharon Gibson Haines, Forestry and Soil Science
Bainbridge, Georgia (June, 1977)
- Dissertation: Site Preparation and Cultural Treatments Affect Growth of Planted *Pinus taeda* L. (Under the direction of Charles B. Davey and Arthur G. Wollum II).
- Abdul Hamid, Biological and Agricultural Engineering
Gangapur, Lyallpur, Pakistan (December, 1977)
- Dissertation: Design and Development of a Computerized Spectrophotometer for Measuring the Optical Properties of Biological Materials. (Under the direction of William F. McClure).
- Richard Alan Harrop, Psychology
Raleigh, North Carolina (August, 1977)
- Dissertation: The Effect of Verbal Aggression and Insult on the Choice and Intensity of Subsequent Aggression. (Under the direction of Bruce A. Norton and Bert W. Westbrook).
- Jeanette Elaine Hawkins, Psychology
Mebane, North Carolina (August, 1977)
- Dissertation: The Relationship of Locus of Control to Academic Achievement and Occupational Choice among College Women. (Under the direction of Rachel F. Rawls).
- Alan Roy Hawthorne, Nuclear Engineering
Rural Retreat, Virginia (December, 1977)
- Dissertation: Mathematical Models for Interelement and Matrix Effects in X-ray Fluorescence Analysis. (Under the direction of Robin P. Gardner).
- John Flannan Hayes, Animal Science
Ennis, County Clare, Ireland (December, 1977)
- Dissertation: Maternal Genetic and Environmental Effects on Body Composition of Mice. (Under the direction of Eugene J. Eisen).
- Esteban Herrera-Aguirre, Horticultural Science
Santa Barbara, Chihuahua, Mexico (August, 1977)
- Dissertation: Factors Affecting Chemical Thinning and Fruit Development of Red Delicious Apples. (Under the direction of C. Richard Unrath).

- Edward Horvath, Microbiology
Allen Park, Michigan (June, 1977)
- Dissertation: Interactions of Aquifer Flora and Industrial Waste in a Model Deep Well Disposal System. (Under the direction of Gerald H. Elkan).
- George Rogers Howard, Chemistry
Washington, D. C. (June, 1977)
- Dissertation: Isolation of Fractions from Jimson Weed (*Datura stramonium*) and Horsenettle (*Solanum carolinense*) Which Contain Hostplant Specificity Factors for the Tobacco Hornworm (*Manduca sexta*). (Under the direction of Jon Bordner).
- Chun-yang Hsu, Economics
Taipei, Taiwan (December, 1977)
- Dissertation: Education, Production and Labor Substitution in Agriculture. (Under the direction of Dale M. Hoover).
- Carol A. Janerette, Botany
Philadelphia, Pennsylvania (December, 1977)
- Dissertation: The Physiology of Water Uptake in Seeds of *Acer saccharum* Marsh. (Under the direction of Glenn R. Noggle).
- Najafali Karimian, Soil Science
Shiraz, Iran (August, 1977)
- Dissertation: Molybdenum Extractability, Adsorption, and Availability in Selected North Carolina Soils. (Under the direction of Fred R. Cox).
- Paul Wright Killian, Jr., Psychology
Wilmington, North Carolina (August, 1977)
- Dissertation: An Examination of the Possibility of Explaining Programmed Instruction with a Theory of Reading Comprehension. (Under the direction of James L. Cole).
- Charles Fred Klein, Jr., Operations Research
Cullman, Alabama (December, 1977)
- Dissertation: Optimal Control of Markovian Systems with Applications to Queuing Systems. (Under the direction of William A. Gruver).
- William Monroe Knott III, Botany
Winston-Salem, North Carolina (December, 1977)
- Dissertation: The Response of *Spartina alterniflora* Loisel. to Various Salinities under Simulated Marsh Conditions in the Greenhouse. (Under the direction of Charles E. Anderson).
- Henry George Koch, Entomology
Marlton, New Jersey (December, 1977)
- Dissertation: Bionomics of Coastal *Culicoides* (Diptera: Ceratopogonidae) in North Carolina: Host Preference and Attraction, Autogeny

- and Rearing, and Daily Flight Activity. (Under the direction of Robert C. Axtell).
- Russell Lee Kologiski, Botany
Charlotte, North Carolina (June, 1977)
- Dissertation: The Phytosociology of the Green Swamp, North Carolina. (Under the direction of John W. Hardin and Thomas R. Wentworth).
- Raymond Stanley Kutzman, Zoology
Bowlus, Minnesota (December, 1977)
- Dissertation: Physiological Adaptation of *Crithidia fasciculata* to Carbonyl Cyanide *m*-Chlorophenylhydrazone, an Uncoupler of Oxidative Phosphorylation. (Under the direction of John F. Roberts).
- Howard Wayne Ladewig, Sociology
El Campo, Texas (August, 1977)
- Dissertation: Community Satisfaction and Public Policy: Theory and Measurement. (Under the direction of Glenn C. McCann).
- Andreas Mavrogenis, Animal Science
Nicosia, Cyprus (June, 1977)
- Dissertation: Genetic Analysis of Feed Efficiency in Beef Cattle. (Under the direction of O. Wayne Robison).
- Joao Camilo Milagres, Animal Science
Vicosa, Minas Gerais, Brazil (December, 1977)
- Dissertation: Estimates of Genetic and Environmental Parameters in Beef Cattle Reproduction. (Under the direction of Emmett U. Dillard).
- Kunjvihari Jagmohandas Mody, Mechanical Engineering
Raleigh, North Carolina (August, 1977)
- Dissertation: Solar Energy Storage Sub-system Utilizing Latent Heat of Phase Change. (Under the direction of John A. Edwards).
- Kurt Ernst Moerck, Food Science
Wayne, New Jersey (August, 1977)
- Dissertation: Influence of Microorganisms on the Carbonyl Compounds of Chicken Tissue. (Under the direction of Thomas N. Blumer).
- Ronald Samuel Mollick, Zoology
San Diego, California (June, 1977)
- Dissertation: The Effects of the Estuarine Tidal Gradient on the Biology and Ecology of *Terebra dislocata* (Gastropoda). (Under the direction of Bernard S. Martof).
- William Carey Nesmith, Plant Pathology
Cary, North Carolina (August, 1977)
- Dissertation: Survival of *Pseudomonas solanacearum* in Selected North

Carolina Soils. (Under the direction of Samuel F. Jenkins, Jr.).

- Roberto Ferreira Novais, Soil Science
Patos de Minas, M. G., Brazil (June, 1977)
Dissertation: Phosphorus Supplying Capacity of Previously Heavily Fertilized Soils. (Under the direction of Eugene J. Kamprath).
- Byron Cazier Palmer, Biological and Agricultural Engineering
Logan, Utah (June, 1977)
Dissertation: Computer Simulation with Crop Yield Models to Select Efficient Farming and Agricultural Research Strategies. (Under the direction of Edward H. Wiser).
- Mark David Peterson, Wood and Paper Science
Big Stone Gap, Virginia (August, 1977)
Dissertation: Ultrastructural Studies on the Mechanism of Initial Cell Wall Penetration and Lysis by a White Rot and Brown Rot Fungus in Ash, Yellow Poplar, and Loblolly Pine. (Under the direction of Richard J. Thomas).
- Donald Albert Rutz, Entomology
Allentown, Pennsylvania (June, 1977)
Dissertation: Factors Affecting *Culex pipiens quinquefasciatus* Say Production from Anaerobic Animal Waste Lagoons. (Under the direction of Richard C. Axtell).
- Margaret Faye Sawyer, Sociology
Zebulon, North Carolina (December, 1977)
Dissertation: Residential Mobility Behavior of the Visually Impaired in North Carolina: A Longitudinal Analysis. (Under the direction of R. David Mustian and Elizabeth M. Suval).
- Richard Schargel, Soil Science
Caracas, Venezuela (December, 1977)
Dissertation: Soils of Venezuela with Low Activity Clays, Characteristics and Classification of Selected Soil Profiles. (Under the direction of Stanley W. Buol).
- Robert Francis Schopp, Psychology
Fort Lee, New Jersey (August, 1977)
Dissertation: The Effects of Experimenter Knowledge on Self-monitoring and Self-reinforcement Approaches to Control of Smoking. (Under the direction of Bruce A. Norton and James L. Cole).
- Gary Singleton Sheffield, Materials Engineering
Greensboro, North Carolina (August, 1977)
Dissertation: Thermodynamic Properties of U(C,N) Solid Solutions and Derived Relationships among Thermodynamic Excess Properties. (Under the direction of Robert F. Stoops).
- Verne Allen Sisson, Crop Science
Belvidere, Illinois (December, 1977)

- Dissertation: Characterization of Cytoplasmic Diversity in Soybeans by Restriction Endonuclease Analysis. (Under the direction of Charles A. Brim).
- Oscar Samuel Smith, Jr., Horticultural Science
Richmond, Maine (June, 1977)
- Dissertation: Estimation of Heritabilities and Variance Components for Several Traits in a Random-mating Population of Pickling Cucumbers. (Under the direction of Richard L. Lower).
- Paulo de Souza, Plant Pathology
Lavras, Minas Gerais, Brazil (December, 1977)
- Dissertation: A Disease Complex of Coffee Involving *Meloidogyne exigua* and *Rhizoctonia solani*. (Under the direction of Nathaniel T. Powell).
- Per Harald Stahl, Forestry
Holmsund, Sweden (December, 1977)
- Dissertation: Interfamily Competition in Loblolly Pine (*Pinus taeda* L.). (Under the direction of Bruce J. Zobel).
- Joseph Edward Sutherland, Electrical Engineering
Raleigh, North Carolina (June, 1977)
- Dissertation: A Computer Analysis of Heterojunction and Graded Bandgap Solar Cells. (Under the direction of John R. Hauser).
- William Robert Terry, Industrial Engineering
Atlanta, Georgia (December, 1977)
- Dissertation: A Transfer Function Analysis of the Instability of the Textile Industry. (Under the direction of Robert W. Llewellyn).
- Paul Gustavus Thompson, Horticultural Science
Aliceville, Alabama (December, 1977)
- Dissertation: Estimation of Genetic Variance Components and Heritability for Tuber Dormancy in Diploid Potatoes (*Solanum tuberosum* subsp. *phureja* and subsp. *stenotomum*). (Under the direction of Frank L. Haynes).
- Harvey Nolan Turner, Jr., Electrical Engineering
Kannapolis, North Carolina (August, 1977)
- Dissertation: Some Inherent Limitations to the Accuracy of D-Region Electron Density Profiles Obtained by the Differential Absorption Partial Reflection Technique. (Under the direction of Walter A. Flood).
- James Casey Uzzell, Jr., Mechanical Engineering
Goldsboro, North Carolina (December, 1977)
- Dissertation: An Analytical Hydrothermal Analysis of the Far Field Regions in Shallow Lakes. (Under the direction of M. N. Ozisik).

- Bobby Julian Ward, Botany
Hobbsville, North Carolina (December, 1977)
- Dissertation: Comparative Biochemistry of Lethal and Non-lethal Individuals of the Hybrid *Gossypium barbadense* L. x *G. klotzschianum* var. *dauidsonii* Kell. (Under the direction of Lyle L. Phillips).
- Nathan Dee Watson, Mechanical Engineering
Seaford, Virginia (December, 1977)
- Dissertation: Development of a Set of General Rigid and Flexible Body Equations of Motion in Coupled Form Using the Direct Approach. (Under the direction of Franklin D. Hart).
- Gary James Wells, Economics
Asheville, North Carolina (December, 1977)
- Dissertation: The Impact on Wheat Import Patterns from the Entrance of the United Kingdom into the European Economic Community. (Under the direction of Paul R. Johnson).
- Stephen Earl Williams, Soil Science
Los Alamos, New Mexico (August, 1977)
- Dissertation: Effect of Cadmium on Soil Microorganisms. (Under the direction of Arthur G. Wollum).
- Licia Nung-Yu Liu Wu, Biochemistry
Taipei, Taiwan (June, 1977)
- Dissertation: Structure of Bovine Carboxypeptidase A Labeled with the 2-Hydroxy-5-Nitrobenzyl Reporter Group. (Under the direction of H. Robert Horton).
- Russell Shelley Yost, Soil Science
Ingalls, Kansas (December, 1977)
- Dissertation: Effect of Rate and Placement on Availability and Residual Value of P in an Oxisol of Central Brazil. (Under the direction of Eugene J. Kamprath).
- Andrew John Young, Physiology
Cockeysville, Maryland (December, 1977)
- Dissertation: Facilitated Diffusion of Oxygen in Tissue. (Under the direction of Ian S. Longmuir).
- Cheng-hsuan Yuan, Statistics
Tungtai, China (June, 1977)
- Dissertation: A Least Squares Approach to Quadratic Unbiased Estimation of Variance Components in General Mixed Model. (Under the direction of John O. Rawlings and Francis G. Giesbrecht).

ALUMNI DISTINGUISHED PROFESSORSHIPS

<i>Name</i>	<i>School and Department</i>	<i>Term</i>
John R. Kolb	Physical and Mathematical Science Mathematics Education Mathematics and Science Education	1978-1981
Charles D. Livengood	Textiles Textile Chemistry	1978-1981
R. David Mustian	Humanities and Social Sciences Sociology and Anthropology	1978-1981

OUTSTANDING TEACHER AWARDS

<i>Name</i>	<i>School</i>
Richard M. Felder	Engineering Chemical Engineering
Joe Oscar Lammi	Forest Resources Forestry
Antony J. LaVopa	Humanities & Social Sciences History
Herbert Rooney Malcom, Jr.	Engineering Civil Engineering
John N. Perkins	Engineering Mechanical and Aerospace Engineering
James Chester Raulston	Agriculture & Life Sciences Horticultural Science
Man Mohan Sawhney	Humanities & Social Sciences Sociology and Anthropology
Ronald D. Simpson	Education Mathematics & Science Education
Paul Tesar	Design
Fred G. Warren	Agriculture & Life Sciences Food Science
Harry C. West	Humanities & Social Science English
Charles G. Wright	Agriculture & Life Sciences Entymology

Awards for Achievement 1977-1978

SCHOOL OF AGRICULTURE AND LIFE SCIENCES

Agricultural Council Outstanding Club Member Awards:

Agricultural Institute: Phillip Cody Smith, Newton Grove

Agronomy: Henry Anderson Wilson, Summerfield

Animal Science: Robert Gerald Cody, Marshall

Biological and Agricultural Engineering: Ivey Sue Daughtridge, Raleigh

Food Science: Ronald Keith Hutchens, East Bend

Horticulture: John Andrew Biernbaum, Northfield, NJ

Medical Technology: Woody Herman Yates, Morrisville

Poultry Science: Donald Ray McIntyre, Stony Point

Pre Veterinary: Stanley Wayne Davis, Raleigh

Pre-Medical and Pre-Dental: David Wayne Lee, Wilmington

Wildlife Biology: Ben Gunter Nottingham, Jr., Raleigh

Agronomy

Seniors Highest Scholastic Average in Agronomy: Linda MacKay Williams, Wilmington; Frederick Martin Williams, Wilmington

American Society of Agronomy Award, Most Outstanding Senior: Henry Anderson Wilson, Summerfield

Agronomy Club Leadership Award: Henry Anderson Wilson, Summerfield

Animal Science

Most Outstanding Club Member: Mark Alan McCann, Winston-Salem

Most Outstanding Senior: Karen Lynn Jones, Pinnacle

American Society of Animal Science Undergraduate Awards: Seniors Josie Christine Thompson, Colerain; Nancy Lorraine Miller, Claremont. Juniors: Mary Jean Leuchtenberger, Islip, NY; Rebecca Jane Elleman, Raleigh.

Biological and Agricultural Engineering

American Society of Agricultural Engineers, Senior Honor Award: Victor Graham Stephenson, Angier

Agricultural Engineering Technology Club, Senior Honor Award: Luke Eldon Reese, Taylorsville

Food Science

B. M. Newell Award: Marilyn Clara Erickson, Winston-Salem

Most Outstanding Senior: Grace Conley McCall, Marion

Forbes Leadership Award: Amy MacConnell, Glendale, OH

Horticultural Science:

Burpee Awards: Cynthia Elizabeth Tate, Greensboro; Audrey Lynn Hudson, Greensboro

Franklin Correll Award: James Anderson Myers, Winston-Salem

Outstanding Senior Horticulturist Award: Tony Garland Avent, Raleigh

Poultry Science

T. T. Brown Memorial Award: Joe Kevin Hampton, Claremont

Zoology

Most Outstanding Student: Hilary Kate Ellwood, Raleigh

SCHOOL OF DESIGN

The American Institute of Architects School Medal: William Galpin Monroe, III, Durham

The American Institute of Architects Certificate of Merit: Ronald Charles Maddox, Atlanta, GA

Alpha Rho Chi Medal: Suzanne L. Buttles, Raleigh; Charles Hussey Boney, Jr., Wilmington

North Carolina Chapter of the American Institute of Architects Book Award: Ronald Charles Maddox, Atlanta, GA

Walter Hook Book Award: John Manley Meachem, Raleigh

The American Society of Landscape Architects Certificate of Honor: Junius Fielding Scarborough, Statesville; Bradley Ward Davis, Raleigh

North Carolina Chapter of the American Society of Landscape Architects Book Award: Elizabeth Jan Seymour, Goldsboro

Landscape Architecture Faculty Award: Linda Jane Winecoff, Charlotte

The Industrial Designers Society of America Student Award: Gary Webster, Pittsford, NY

Product Design Book Award: Mary Josephine Coyne, Raleigh

Visual Design Book Award: Joseph Stephen Davis, III, Iron Station

SCHOOL OF EDUCATION

Education Council Outstanding Senior Awards:

Agricultural Education: Dennis Talmadge Worley, Cerro Gordo

Industrial Arts Education: Gayenell Gull, Greenville, SC

Industrial and Technical Education: Brooks Cowles Michael, Raleigh

Mathematics Education: Michaelle Angela Stone, Lumberton

Psychology (outstanding graduating senior): Linda Gonder, Raleigh

Psychology (general option): Blanche Creech, Raleigh

Psychology (human resource development option): Pamela Patsch, Greensboro

Science Education: Brenda Whitaker McKinney, Raleigh

Agricultural Education Awards to Most Outstanding Seniors: Glenn Webster Fields, Lumberton, Fall 1977; William Edward Little, Elm City, Spring 1978.

Vocational Industrial Clubs of America Collegiate Leadership Award: John Alexander White, Smithfield

Alpha Pi Chapter, Epsilon Pi Tau Leadership Award: Gayenell Gull, Greenville, SC.

Psychology Department Awards:

Academic Achievement Award: Marie Inman, Tabor City

Service to Psychology Department: Toni Bailey, Raleigh

Research Activities Award: Judy Sidden, Chapel Hill

Psychology in the Community: Theresa Hayes, Raleigh

SCHOOL OF ENGINEERING

Dean's Leadership Award: Julian Raymond Sparrow, Cary (Senior, Civil Engineering Construction Option)

The Humanitarian Award: Thomas Lee Frederick, Gastonia (Senior, Civil Engineering)

The Outstanding Engineering Senior Award: John Wesley Boyles, Charlotte (Senior, Electrical Engineering)

The Outstanding Engineering Citizen Award: Larry McCleas Williams, Elizabeth City (Senior, Chemical Engineering)

The Outstanding Contributions to the Arts Award: Donald Goodwin Walker, Jr., Wilmington (Senior, Mechanical and Aerospace Engineering)

Biological and Agricultural Engineering

American Society of Agricultural Engineers, Senior Honor Award: Victor G. Stephenson, Angier

Chemical Engineering

Eastern North Carolina Section AICHE Outstanding Senior Award: Michael W. Lowder, Albemarle

The Peter V. Danckwerts Senior Project Award: Larry M. Williams, Elizabeth City.

Civil Engineering

American Society of Civil Engineers The Outstanding Senior Award: Wanda Denise Sims, Welcome

American Society of Civil Engineers Outstanding Senior Awards: Thomas Lee Frederick, Jr., Gastonia; Robert Bruce Prevo, Greensboro; Richard Daniel Sanders, Winston-Salem

Associated General Contractors Award to Outstanding Senior in Civil Engineering: Julian Raymond Sparrow, Jr., Cary

American Society for Testing and Materials Student Awards: Scot Douglas Simon, Monroe; Brian Keith Summers, Bahama; Tracy Lee Hill, Lexington; Charles Kent Waggoner, Walkertown

The Tenth COMMA-DOT-EYE Award for The Outstanding Senior in Engineering Science and Mechanics: Florence Ann Herlevich, Wilmington

Electrical Engineering

Outstanding Senior Award: John Wesley Boyles, Charlotte

N. C. Association of Municipal Electric Systems Award: James Randall Cook, Winston-Salem

Engineering Operations

Outstanding Senior Award: William W. Dotson, Charlotte

J. W. Joseph Award: Walter F. Kelly, Jr., Garner

Furniture Manufacturing and Management

Rudolph Willard Award, Outstanding Senior in Furniture Manufacturing and Management: Darrell M. Jones, Hickory

Industrial Engineering

Outstanding Senior in Industrial Engineering: Tony R. Blalock, Timberlake

Materials Engineering

Outstanding Senior Award: Clifford N. Soble, Durham

American Society for Testing and Materials Student Award: Elma Beth Snipes, Cary

T. W. Curry Memorial Award: Jacob T. Hooks, Raleigh

Mechanical and Aerospace Engineering

American Society of Mechanical Engineers Certificate of Award for Outstanding Student Member: John Rodney Francis, Charlotte

American Society of Mechanical Engineers Faculty Advisors Award: William Cecil Wood, Charlotte

American Institute of Aeronautics and Astronautics Outstanding Achievement Award: James Agnew Trotter, Rocky Mount

American Institute of Aeronautics and Astronautics Chairman Certificate: Ricardo Carballo Rodriguez, Durham

Nuclear Engineering

Outstanding Senior Award: Thomas Christopher Clark, Yadkinville

SCHOOL OF FOREST RESOURCES

Xi Sigma Pi Senior Award: Philip Hadwen Mitchell, Haw River

Xi Sigma Pi Freshman Award: Emma Nancy Hazen, Bonaire, GA

Biltmore Scholarship Award: Jeffrey L. Pardue, Jonesville

Conger Scholarship Awards: Thomas Hershel McSwain, Raleigh; Lawrence Dean McCraw, Hendersonville

Weyerhaeuser Fellowship Award: Thomas Parkin Hunter, Raleigh

Paper Industry Management Association Awards: (Southern Division) Robert Terry Canup, Salisbury; (Southeastern Division) James Henry Bunch, Jr., Williamston

William E. Caldwell Endowed Scholarship: Robert Thomas Slockett, Wilmington

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

The School of Humanities and Social Sciences Highest Scholastic Achievement Award: Sandra L. Haskins, Raleigh

Outstanding Senior Award: G. Stephen Price, Bryson City

SCHOOL OF PHYSICAL AND MATHEMATICAL SCIENCES

Awards for Chemistry:

The North Carolina Institute of Chemists' Outstanding Student Award: Paul William Saxe, Raleigh

The Merck Index Award for Scholastic Achievement in Chemistry: Alan Charles Belch, Charlotte; Susan Ann Sherrow, Charlotte

The CRC Freshman Chemistry Achievement Award: Debra Kaye Robison, Raleigh

Awards for Computer Science:

The W. A. Brown Instruments, Inc. Outstanding Graduating Senior Award: Richard Holloman Foster, Huntsville, AL

The W. A. Brown Instruments, Inc. Senior Scholastic Achievement Award: Jack Herbert Hickman, Jr., Charlotte

The W. A. Brown Instruments, Inc. Sophomore Scholastic Achievement Award: Robert Joseph Kinstle, Seminole, FL

Awards for Mathematics:

Outstanding Senior in Mathematics: Sara Ellen Cabe, Franklin

Outstanding Junior in Mathematics: James Walter Farnsworth, Pilot Mountain

Outstanding Sophomore in Mathematics: Ryan Milton Rohm, Gastonia

SCHOOL OF TEXTILES

Joseph D. Moore Honor Award: Derek E. White, Fayetteville

Harry Ball Honor Award: Bryant O. Scism, Shelby

Saul F. Dribben Memorial Award: Terry E. Hatcher, Dunn

Lawrence Iason Honor Award: Lisa D. Holland, Raleigh

Harry Riemer Honor Award: George Pierce Sawyer, Charlotte

Chester H. Roth Honor Award: Sandra H. Marion, Charlotte
John M. Reeves Scholarship: (Junior) Daniel R. Gropper, Oceanside, NY
Textile Veterans Association Honor Award: Keith O. Ramsey, Fayetteville
John E. Reeves Award: Phyllis A. Carpenter, Conover
Donald F. McCullough Award: Pamela S. Gayle, Marion.
American Association of Textile Chemists and Colorists Award: Floyd Dale Hayes, Burlington
Phi Psi Textile Fraternity Award: Elena E. Bestard, Port Chester, NY
American Association for Textile Technology Award: Johnny E. Bulluck, Battleboro
Sigma Tau Sigma Scholarship Fraternity Award: Molly M. Joyner, Rocky Mount
Delta Kappa Phi Textile Fraternity: Taryn E. Morgan, Charlotte
Henry A. Rutherford Honorary Award: Franklin D. Little, Charlotte
The Dean's Award: Taryn E. Morgan, Charlotte

ALUMNI ATHLETIC AWARD

Ralph Stringer, Raleigh

THE HONOR SOCIETY OF PHI KAPPA PHI

Awards for 1978

Intellectual Achievement Ph.D. Candidate: Richard Schargel, Raleigh
Intellectual Achievement—Master's Candidate: Paul C. Smithson, Raleigh
Highest Scholastic Achievement Senior: Hilary Kate Ellwood, Raleigh
Highest Scholastic Achievement—Junior: Josie Christine Thompson, Colerain;
 Donna P. Sayce, Washington.
Highest Scholastic Achievement—Sophomore: Ann Lewis Kincaid, Charlotte;
 Robert Eric McNeill, Jefferson; Edith Revere Mogle, Snow Camp.

AIR FORCE ROTC AWARDS

Aerospace Education Foundation W. Randolph Lovelace Memorial Award: James A. Trotter, Rocky Mount (nominee)
American Legion ROTC Military Excellence Award: Deborah A. Haley, Ocala, FL (Gold); John J. Siegner, Charlotte (Silver)
American Legion ROTC Scholastic Award: James A. Trotter, Rocky Mount (Gold); Derek C. Meyer, Fairfax, VA (Silver)
American Fighter Aces Award: Dale A. Wolfe, Kings Mountain (nominee)
Air Force Association Award: James A. Trotter, Rocky Mount
Society of American Military Engineers Award: William H. Clark, Jr., Wilmington, DE (nominee); Brian L. Jones, N. Wilkesboro
Daughters of the American Revolution Award: Daniel K. Jones, Burlington
Daughters of Founders and Patriots: Mark T. Crane, Fayetteville
Reserve Officers Association Award: Frank R. Litaker, Concord (Torch Device); Dale E. Hawthorne, Hanover Park, IL (Silver Device); John C. Jordan, Goldsboro (Bronze Device)
Military Order of World Wars Award: Jeryl W. Johnson, King (Gold); Martin F. Duke, Fayetteville (Silver); Gary F. Barefoot, Fayetteville (Silver); Kevyn J. Amos, Orangeburg, SC (Bronze)
National Sojourners Award: Timothy S. Burke, Jacksonville
Sons of American Revolution: Brian L. Jones, N. Wilkesboro
American Defense Preparedness Award: Deborah A. Haley, Ocala, FL
Armed Forces Communications and Electronics Association Award: John R. Way, Jr., Fayetteville
General Dynamics Award: Steven R. Wells, Raleigh
AFROTC Leadership Ribbon: Oscar R. Swaim, Winston Salem; Evelyn M. Spence, Fayetteville; William F. Burnette, Charlotte; Charlie E. Cutchin, Tarboro; Erving W. Cowell, Jr., Elizabeth

AFROTC Superior Performance Ribbon: William H. Clark, Jr., Wilmington, DE, Chapman U.J. Williams, Snow Hill
Commandant of Cadets Award: Dale A. Wolfe, Kings Mountain
AFROTC Distinctive GMC Cadet Ribbon: Robert B. Cromer, Spartanburg, SC;
Mabry J. Desormeaux, Jr., Providence
Outstanding FIP Student: Dale A. Wolfe, Kings Mountain
Best Drilled GMC Cadet: Steven R. Wells, Raleigh
Community Service Award: Daniel K. Jones, Burlington

ARMY ROTC AWARDS

Department of the Army Superior Cadet Award: Ira Jordan, Charlotte; Kevin S. Lindsay, Ft. Bragg; Timothy J. Maloney, Fayetteville; Robert Wolfe, Hattiesburg, MI
Society of American Military Engineers Award: Kurt L. Hair, Peninsula, OH; Darrell Hoy, Fayetteville
American Defense Preparedness Association Award: Steven J. Lindsay, Ft. Bragg
Reserve Officer Association Award: Ronnie Davis, Black Mountain; James Hill, Winston-Salem; Benjamin F. Shelton, Hobgood
Veteran of Foreign Wars Award: George P. Robinson, Vale
American Veterans of World War II Award: Debra Dickey, Ft. Carson, Co.
Military Orders of World Wars Award: Carl Burrus, Engelhard; Steven J. Lindsay, Ft. Bragg; Marion Miles, Raleigh; Carl Sims, Southampton, NY
George C. Marshall Award: David R. Barnes, Fayetteville
AUSA for Military History: Frank James, Greensboro
National Defense Transportation Association Award: Jeffrey K. Morton, Spring Lake
American Logistics Association Award: Grady Brafford, Henderson; Ann Marie Hutton, Franklin, MA
Association of the United States Army Award: Lewis Van Dyke, Bostic
Armed Forces Commo & Elec Association Award: Andrew W. Jenkins, Leland
American Legion Award for Military Excellence: Ann Marie Hutton, Franklin, VA; Bill Robinson, Vale
American Legion Award for Scholastic Excellence: Jeffrey K. Morton, Spring Lake; David Rutten, Goldsboro
National Sojourners Award: Mark Little, Asheville
Daughters of American Revolution Award: Benjamin F. Shelton, Hobgood
Daughters of Founders & Patriots of America Award: Allen Brooks, Cullowhee
Brarton Bragg Chapter AUSA Award: David R. Barnes, Fayetteville
Recondo Badge: Virginia M. Gerold, Maumee, OH; Kurt L. Hair, Peninsula, OH; Steven J. Lindsay, Ft. Bragg; Dennis C. Milam, Asheville; Jeffery K. Morton, Spring Lake; Thomas M. Oliver, Fayetteville; Edwin L. Pavalski, Fayetteville; Linda S. Pollock, Clinton; George P. Robinson, Vale; James D. Seabolt, Greensboro; Benjamin F. Shelton, Hobgood; James W. Sherrill, Norfolk, VA; Robert A. Short, Uniondale, NY
Distinguished Military Student: David R. Barnes, Fayetteville; John M. Blust, Greensboro; Virginia M. Gerold, Maumee, OH; Steven J. Lindsay, Ft. Bragg; Timothy J. Maloney, Fayetteville; John F. McElhenny, Alexandria, VA; Jeffery K. Morton, Spring Lake; Benjamin F. Shelton, Hobgood; Joseph L. Walden, Raleigh
Parachutist Badge: Sharon L. Brash, Baltimore, MD; Ira H. Jordan, Charlotte; Steven J. Lindsay, Ft. Bragg; John P. Mikula, Smithfield

USAF ROTC Cadets Commissioned 1977-1978

TO BE COMMISSIONED ON 13 MAY 1978

George Robert Auten, Jr.	Belmont
*William Hubbard Clark, Jr.	Wilmington, DE
Gary Ellis Collins	Clinton
Charlie Edward Cutchin	Tarboro
Frank Maxton DeArmond	Charlotte
*Deborah Anne Haley	Ocala, FL
Robey Courtney Hartley	Lenoir
John Patrick Heib	Fayetteville
James Russell Howard	Virginia Beach, VA
Jeryl Walter Johnson	King
Daniel Keith Jones	Burlington
William Ross Kelly	Garner
*Frank Ree Litaker	Concord
Maurice Samuel Mayes, Jr.	Washington, DC
Warren Ray Spence	Fayetteville
*James Agnew Trotter	Rocky Mount
John Robert Way, Jr.	Fayetteville
Chapman Uzzell Joel Williams	Snow Hill
*Dale Alan Wolfe	Kings Mountain

TO BE COMMISSIONED 14 MAY 1978 AT SHAW UNIVERSITY

Tanya Alvarna Jordan	Deerfield, FL
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COMMISSIONED ON 22 DECEMBER 1977

William Harrison Carpenter	Raleigh
Melody Anne Cothren	Fayetteville
Amelia Gail Powers	Greensboro

COMMISSIONED ON 30 JUNE 1977

William Earl Baker	Suffolk, VA
Robert Mitchell Dail	Maxton

* Distinguished Graduates

**US MARINE CORPS (PLC)
Candidates Commissioned
1977-1978**

TO BE COMMISSIONED ON 13 MAY 1978

William A. Hamlin Hendersonville
Leonard W. McGarity, Jr. Greensboro

TO BE COMMISSIONED ON 30 JUNE 1978

Joseph P. WycheHallsboro

Army ROTC Cadets Commissioned 1977-1978

TO BE COMMISSIONED ON 13 MAY 1978

*David R. Barnes	Fayetteville
William S. Bivens	Marshville
Johnny D. Clark	Elizabethtown
John W. Dees	Fayetteville
Hilliard R. Harper	Bayboro
*Jeffrey K. Morton	Spring Lake
Michael J. Mullinax	Spring Lake
Richard H. Nordon	Tallassee, AL
Thomas M. Oliver	Fayetteville
Howard L. Pendergrass	Wilkesboro
Linda S. Pollock	Clinton
George P. Robinson, Jr.	Vale
James D. Seabolt	Greensboro
*Benjamin F. Shelton	Hobgood
James W. Sherrill, Jr.	Norfolk, VA
*Joseph L. Walden	Raleigh
Norman E. Ward, III	Annandale, VA

TO BE COMMISSIONED JULY AND AUGUST 1978

William L. Bradham	Chinquapin
Steven C. Fuchs	Stokes
Michael C. Griffin	Fayetteville
Kurt L. Hair	Peninsula, OH
Wayne A. Johnson	Hopewell, VA
*Steven J. Lindsay	Fort Bragg
Clayton B. McCain	Cameron
James G. Moore	Raleigh
Norwood L. Simmons	Faison
Leslie W. Smith	Apex
Mark W. Williams	Salisbury, MD

COMMISSIONED DECEMBER 1977

Henry E. Dickerson, II	Littleton
Kenneth F. Gray	Alexandria, VA
Garland M. Knott, Jr.	Asheboro
*James A. Wall	Raleigh

* Distinguished Military Graduate