

Seventy-seventh

Annual Commencement

North Carolina State University at Raleigh

*Corrections on pages 13, 15, 16, 17,
23, 51*

Saturday, May 28

Nineteen Hundred and Sixty-six

Degrees Awarded 1965-66

Musical Program

EXERCISES OF GRADUATION

MAY 28, 1966

CARILLON CONCERT: 9:30 A.M.
Dennis L. Carroll, Carillonneur

The Memorial Tower

COMMENCEMENT BAND CONCERT: 9:45 A.M.
William Neal Reynolds Coliseum

Moorside March Holst

Overture for Winds Carter

Symphony in B Minor, 1st Movement Schubert

Toccata Frescobaldi

PROCESSIONAL: 10:15 A.M.

March Processional Grundman

RECESSIONAL:

University Grand March Goldman

NORTH CAROLINA STATE UNIVERSITY COMMENCEMENT BAND
Donald B. Adcock, 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

May 28, 1966

PROCESSIONAL, 10:15 A.M. Donald B. Adcock
Conductor, North Carolina State University Commencement Band

The audience is requested to remain seated during the Processional.

PRESIDING John T. Caldwell
Chancellor, North Carolina State University

INVOCATION Oscar B. Wooldrige
*Coordinator of Religious Affairs
North Carolina State University*

ADDRESS John T. Caldwell
Chancellor

CONFERRING OF DEGREES John T. Caldwell
Chancellor
Harry C. Kelly
Dean of the Faculty

Candidates for baccalaureate degrees presented by Deans of Schools. Candidates for advanced degrees presented by Dean of the Graduate School. Candidates for honorary degrees presented by their sponsors.

ANNOUNCEMENT OF GOODWIFE DIPLOMAS John A. Mitchell
President of Student Government

RECOGNITION OF OUTSTANDING TEACHERS Harry C. Kelly
Dean of the Faculty

ANNOUNCEMENT OF OUTSTANDING TEACHER AWARD James Patrick Miller, Jr.
President, Class of 1966

REMARKS TO THE GRADUATING CLASS William C. Friday
President, University of North Carolina
Dan K. Moore
Governor of North Carolina

ALMA MATER

BENEDICTION

RECESSIONAL

The audience is requested to remain seated until recessional music is concluded.

Social Hour and Distribution of Diplomas

1:30 P.M.

School and Department Locations

School of Agriculture and Life Sciences

Agronomy, Crop Science, Plant Protection and Soil Science	Williams Hall Auditorium and McKimmon Room, Williams Hall
Animal Science and Food Science	Fitzpatrick Room, 125 Polk Hall
Biological and Agricultural Engineering	158 Agricultural Engineering Building
Botany and Biological Sciences	145 Gardner Hall
Economics	256-258 Erdahl-Cloyd Union
Extension Education	310 Ricks Hall
Horticultural Science	125 Kilgore Hall and 121 Kilgore Hall
Poultry Science	224 Scott Hall
Rural Sociology	336 1911 Building
Zoology	149 Gardner Hall and 245 Gardner Hall

School of Design

Brooks Hall Breezeway

School of Education

Carmichael Gymnasium

School of Engineering

Agricultural Engineering	158 Agricultural Engineering Building
Chemical Engineering	Erdahl-Cloyd Union
Civil Engineering	Lobby of Mann Hall
Electrical Engineering	436 Daniels Hall
Engineering Mechanics	119 Riddick Hall
Engineering Operations	222 Riddick Hall
Furniture Manufacturing and Management	242 Riddick Hall
Industrial Engineering	234 Riddick Hall
Mechanical Engineering	Broughton Laboratories
Mineral Industries	Memorial Room, Alumni Building
Nuclear Engineering	Burlington Nuclear Laboratories

School of Forestry

162 Kilgore Hall

School of Liberal Arts

Adult Recreation Room, Faculty Club

School of Physical Sciences and

Applied Mathematics

General Laboratory Building

School of Textiles

Nelson Textile Auditorium

ROTC Commissioning Ceremony

William Neal Reynolds Coliseum

May 28, 1966

PROCESSIONAL MARCH 3:00 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 Phillip C. Cato
Chaplain (Lieutenant), USNR-R

INTRODUCTIONS John T. Caldwell
Chancellor, North Carolina State University

ADDRESS George T. Duncan
*Major General, USA
Deputy Commanding General, Third U.S. Army*

ADMINISTRATION OF OATH OF OFFICE Colonel Lem M. Kelly, PMS
Colonel Samuel C. Schlitzkus, PAS

PRESENTATION OF CERTIFICATES
OF COMMISSION Major General George T. Duncan
Dep CG 3rd Army
Brigadier General William J. Payne
Asst. AG, Air NCANG

BENEDICTION

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 as are the tassels for B.A., B.S., and B.E. degrees; 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 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.

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

DEGREES CONFERRED

May 28, 1966

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

*Charlie Frank Abrams, Jr.	.....	Scлма
**Crowell Gattis Bowers, Jr.	.....	Norwood
Robert Glenn Gaines	.....	Bear Creek
*Donald A. Newton	.....	Vale
Frank Thomason Pharr	.....	Concord
*Larry Moore Sykes	.....	Castalia
**Roy Edward Young	.....	Norlina

BACHELOR OF SCIENCE

Agricultural Economics

Horace Burke Barbee	.....	Maysville
*David Carroll Burch	.....	Faison
Norman Eugene Carson, Jr.	.....	Bethel
Casper Edwards Dozier	.....	Red Oak
Graham Douglas Hicks	.....	Roxboro
†Raymond Fallon Hodgdon	.....	Arlington, Va.
Fraser Carolyn Law, II	.....	Raleigh
Jimmie Ray Little	.....	Midland

* Honors ** High Honors † In Absentia

Thurman Murphy, Jr.	Knightsdale
John Gordon Strickland	Spring Hope
Thomas Eugene Taylor	Deep Run
Larry Hines Worsley	Oak City

Agronomy

Bobby Carlos Armstrong	Elizabeth City
Paul Irvin Brawley	Mooreville
Marion Herman Chilton, Jr.	Ararat
Errol Rodney Edmondson	Bethel
Jimmy Nelson Massengill	Benson
† John J. Nicholaides, III	Charlotte
Lacy Wilson Winstead, Jr.	Roxboro
* Henry Shi-Lih Yang	Hong Kong

Animal Science

Richard Hartwell Boyd, Jr.	Charlotte
Daniel Samuel Braucher	Leesport, Penna.
Coy Lee Broadwell	Angier
Byron Eugene Bryan, Jr.	Mount Olive
Everett Wade Byrd, Jr.	Clarkton
Carl Vincent D'Alessandro	Fort Bragg
Monty Craig Freshwater	Mebane
Thomas Lancaster Giles	Monroe
Max John Hamrick	Boiling Springs
Richard Sterling Journigan, Jr.	Red Oak
Harold Odean Keever	Asheville
Jimmie Ray Little	Midland
Finnie Ardrey Murray, II	Burgaw
Richard Joel Putnam	Shelby
* Earl Junior Taylor	Jefferson

Biological and Agricultural Engineering

William David Buffaloe	Willow Springs
Ronald Vestal Chandler	Mount Gilead
Walter Pat Craver	Lexington
† Kenneth Towne Greenwood	Somerville, N. J.
Eugene Alexander Jackson	Dunn
Lloyd Willis Miller, Jr.	Candler
James Kenneth Mills	Marshville
Arthur Johnny Napier	Marshville
Grady Steven Walker	Clyde
Calvin Lloyd Williamson	Bullock

Biological Sciences

** Adelaide Trowbridge Clark Carpenter	Swannanoa
William Lee Carr	Clinton
* Lucy Margaret Smith	Raleigh
** Sidney Stanley Young	Raleigh

* Honors ** High Honors † In Absentia

Botany

Michael Hosea Harmer Charlotte

Crop Science

Sanford Taylor Barnes Lucama
 †*Thomas Elliot Hardison Jamesville
 Wiley Logan Lyon, Jr. North Side
 Hubert Donovan Scott Kenly
 Norbert John Vollmer, Jr. Bunn

Food Science

Charles Lawrence Gaither, Jr. Statesville
 Forest Michael Reid Statesville

Horticultural Science

Joseph Michael Allen Liberty
 William Riley Caudill Washington, D. C.
 Charles Shaw Laird, Jr. Williamsburg, Va.
 William Robert McLeod Cameron
 Claude Decator Pyatte, Jr. Newland
 William Carroll Rhyne Gastonia
 Micheal Wayne Smith Gastonia
 Steve Wayne West Asheville

Plant Protection

Sanford Taylor Barnes Lucama
 John Patterson Calhoun Laurinburg

Poultry Science

Everette Surratt Kelly Mocksville
 Rex Pinnell Kelly Garner
 Samuel Cole Porter Wilmington
 William Edward Triplett Rutherfordton

Rural Sociology

James Thomas Emmons Raleigh
 *Richard Haywood Smith Raleigh

Zoology

**Elizabeth Mills Anderson North Wilkesboro
 Harold Smith Atkinson, Jr. Franklin, Va.
 *James Robert Baker Apex
 Joel McArthur Barden, Jr. Willard
 Laurence Polk Brown Nashville
 Charles Roy Cadieu Gaffney, S. C.
 Lawrence Harry Dewhurst Charlotte
 David Jackson Ellis Arlington, Va.
 Charles Eric Franklin Henderson

* Honors ** High Honors † In Absentia

‡Luena Ames Garrison	Greensboro
•Richard Bache Hamilton	Cary
Donald Ernest Heggan	Blue Anchor, N. J.
James Howell Hunt	Raleigh
Charles William Johnson	Murfreesboro
Andrew Kaloski, Jr.	Salisbury
Wiley Jacob Latham	Raleigh
John Lawrence McCotter, III	Oriental
James Barrett Macomson	Shelby
Finnie Ardrey Murray, II	Burgaw
‡•Ronald Halford Patterson	Broadway
James Ruffin Price, II	Madison
Peter Norris Pund	Darien, Conn.
Stephen Land Whitten	Thomasville
John Wesley Wilkes, III	Raleigh
Maurice Wolff	Richmond, Va.

School of Design



BACHELOR OF ARCHITECTURE

John Leslie Atkins, III	Durham
James Fletcher Barnes	Wilson
Jerry Avalee Cook	Winston-Salem
William Tate Doggett	Waynesville
Edward Frank	New York City, N. Y.
William Edward Friend	Goldsboro
Joel Malone Funderburk	Daytona Beach, Fla.
Lonzo Scott Garner, Jr.	Roanoke Rapids
Karl Sloan Gaskins	Boone
•Gerald Kent Ginader	Miami, Fla.
Peyton Chappelier Greyer	Morganton
Alice Edith Herter	Lincolnton
William Milton Hyde	Franklin
Jung Ju Kim	Seoul, Korea
John David Kluttz	Salisbury
Ronald Lawrence Mace	Winston-Salem
William Floyd Marchant	Charlotte
John Alexander Martindale, Jr.	Ansted, West Va.

• Honors ‡ In Absentia

William Minor May, III	Raleigh
Edward Ingram Mills	China Grove
Theodore Paul Nordman	Charlotte
James Campbell Posey	Asheville
Charles Ross, II	Greenville
Robert North Shuller	Laurel Hill
Ernest Karl Sills	Hickory
George Milton Small, III	Raleigh
*Keller Smith, Jr.	Knoxville, Tenn.
Thomas Alton Spain	Wilmington, Del.
David Albert Surbeck	Wynnewood, Penna.
Reyhan Tansal	Istanbul, Turkey
Henry Clay Taylor, III	Louisburg
Leonard Rockett Thompson	Conover
Fred Lewis Tolson	Pine Tops
Michael Kendall Warner	Coral Gables, Fla.
Peter Bennet Wilday	Westfield, N. J.

BACHELOR OF ~~SCIENCE~~ LANDSCAPE ARCHITECTURE

Currie LaMarr Bunn	Raleigh
Richard Edward Kent	Lynbrook, N. Y.
Frederic Edwin Stresau	Fort Lauderdale, Fla.

BACHELOR OF PRODUCT DESIGN

Thomas Julian Chipley	Charlotte
Dan Russell Derby	Greensboro
Gerald Leonard Eckstein	Fayetteville
Willard Brooks Fishburne	Asheville
Harris Freeze Hastings, Jr.	Raleigh
Theodore Charles Hoffmann	Raleigh
*Alexander Stallings Holden	Lenoir
Robert Eugene Messick	Shelby
*Michael Jon Nielsen	Raleigh
John Willoughby Upton, Jr.	Raleigh
Albert Grey Wordsworth	Rocky Mount

School of Education



BACHELOR OF SCIENCE IN EDUCATION

Agricultural Education

David James Batten	Whiteville
Onward James Gaylord, Jr.	Elizabeth City

* Honors

Paul Roberts Guthrie	Butner
Wilbur Ronald Hayes	Nakina
*Coy Lynn Hudson	Concord
Walter Harold Hughes	Tabor City
Rex Beaman Mathis	Ronda
Clifton McCray Pait	Bladenboro
Henry Alvin Pasour	Dallas
Carroll Wilson Spencer	Faison
Eugene Bower Walker	Boonville

Industrial Arts Education

James Gordon Aaron	Raleigh
Jerry Lindsey Beck	Lexington
Harry Edsel Byrd	Windsor
Frederick Chapman Epp	Wallingford, Penna.
*John Frink Freeman, Jr.	Bladenboro
John Hilbreand Morgan	Lexington
Roger Dale Scott	Mount Airy
Gary Gilbert Shouse	Winston-Salem
Linwood Howell Snell, Jr.	Raleigh

Industrial Education

*John James Shoemaker	Erie, Penna.
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Mathematics Education

Benjamin Harding Allen	Belhaven
Olin Lee Bankhead, Jr.	Hamlet
Joseph Leroy Beasley	Benson
David Wright Bell	Hendersonville
Wayne Charles Brunkhurst	Middletown, N. Y.
William Eugene Edwards	Winston-Salem
Gary Kent Hale	Jeffersonville, Ind.
*Claudia Kay LeNeave	Raleigh
Thomas Parker Mattocks	Kinston
*Frances Waverly Mayton	Raleigh
Douglas Mark Nelson	Pinetown
Robert Tideman Penland	Davidson
Gerald Dean Queen	Highshoals

BACHELOR OF SCIENCE IN INDUSTRIAL ARTS

Vester Robertson Brantley, Jr.	Raleigh
Wiley Drisco Connell, Jr.	Raleigh
Jerry Wilborn Finney	Jonesville
John Durham Haire, Jr.	Elizabethtown
Wayne Daniel Honeycutt	Albemarle
Harold Edward Jackson	Gastonia
Kenneth Elwyn Johnston	Charlotte
David Bacon Marshall	Gladwyn, Penna.
Edgar Lawson Parton, III	Cary
William Alexander Poplin, III	Rockingham
†Richard McLean Porter	Elizabethtown
Arthur Lane Price	Greensboro
Manly Sheridan Rutledge	Ayden

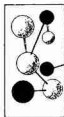
* Honors † In Absentia

†William Mac Sills	Statesville
Alton Liles Temple	Zebulon
Douglas Jacob Van Dyke	Ridgewood, N. J.
Eric Wayne Vann	Raleigh

BACHELOR OF SCIENCE IN RECREATION AND PARK ADMINISTRATION

Page Bryan Ashby	Exmore, Va.
*Nancy Spence Barbour	Raleigh
Anthony Bruce Capalbo, Jr.	Cicero, Ill.
Jerry Barham Carter	Wake Forest
Wendell Lee Coleman	Buena Vista, Va.
†Robert Barry Edgington	Ontario, Canada
David Caldwell Everett, Jr.	Bath
Gary Wilson Felton	Raleigh
Daniel John Golden, Jr.	Saint John's, Penna.
Anthony Joseph Colmont, Jr.	Beaver Falls, Penna.
Bobby Edward Hicks	Raleigh
George Hubert Jackson, Jr.	Dunn
Terry Ralph Jenkins	Richmond, Va.
Horace Palmer Moore	Littleton
†Steven Jeffrey Parker	Durham
Robert Allen Pipkin	Raleigh
Charles George Smithson	Winston-Salem
Charlie Raymond White, Jr.	Ahoskie

School of Engineering



BACHELOR OF SCIENCE IN AEROSPACE ENGINEERING

Daniel Alderman Bland, Jr.	Raleigh
Reamey Dyer Bragassa	Cary
*Julius Dowdle Coward	Asheville
Gail Culver Fitchett	Pittsboro
Henry Mills Fort, Jr.	Charlotte
Leon Marshall Fox, Jr.	Wilmington
*John Lawrence Frierson, III	Darlington, S. C.

* Honors † In Absentia

John Robert Haire - Raleigh

Elbert Lee Gregory, Jr.	Shelby
Nicholas Hairston Hobbie, Jr.	Fair Haven, N. J.
* Douglas Eugene Humphreys	Raleigh
William Steven Lanier	Tarboro
Thomas Barrett Lankford	Elkin
* Robert Alvin Lewis, Jr.	Oxford
David Ray Lindsay	Raeford
* Jimmie Reese Lowry	Rowland
Wanzie Albright McAuley	Durham
* Rudolph Euell Oliver, II	Pine Level
† Joseph Branson Redding	High Point
Edward James Reed	Fayetteville
Marvin Elbert Sanders	Smithfield
* Robert Kincaid Seals, Jr.	Charlotte
Woodrow Frank Wilson, Jr.	Columbia, S. C.
Donald Paul Yelton	Greensboro
Ronald David Yelton	Greensboro
Mires Joseph Zett, Jr.	High Point

BACHELOR OF SCIENCE IN CERAMIC ENGINEERING

Douglas Lane Fowler	Durham
Charles Braxton Ward, Jr.	Hamlet

BACHELOR OF SCIENCE IN CHEMICAL ENGINEERING

Laurice Gaillard Altman, Jr	Georgetown, S. C.
Charles Ray Anderson	Delco
* Jack Attia	Colon, Republic of Panama
Robert Leary Brockett	Elizabeth City
Aubrey Strode Brockman, Jr.	Wytheville, Va.
Robert Douglas Cooper, Jr.	Fayetteville
Howard Jackson Dudley	Swansboro
William Lee Dyson	Wilmington
Killian Daniel Eford	Charlotte
Roger Dale Fowler	Wilmington
* Robert Lamar Fuller	Dadeville
* James Otto Funderburk, Jr.	Charlotte
William Edward Graham	Fayetteville
James Woodrow Knight	Salisbury
Lawrence Willard McCoy	Charlotte
* Richard Michael Minday	Charlotte
* Michael Ray Overcash	Media, Penna.
William Clyde Parham	Latta, S. C.
Dilip Naranbhai Patel	Ahmedabad, India
John Stanley Pritchard	West Point, Va.
Kenneth Edward Running	Roanoke Rapids
* Margaret Pinkerton Skillern	Van Buren, Ark.
* Edward Leonidas Smith, Jr.	Winston-Salem
Walter Paul Straus	Brevard
Jack Conner Strum	Rocky Mount
Henry Allen Sullivan	Hampstead
Akshay Dolatrai Vidyarthi	Ahmedabad, India
Douglas Elton Waters	Aiken, S. C.
* Frank Lee Wotiz	Charleston, W. Va.

* Honors ** High Honors † In Absentia

BACHELOR OF SCIENCE IN CIVIL ENGINEERING

Robert Lawson Anderson	North Wilkesboro
Suraphol Assakul	Bangkok, Thailand
James Richard Atkins	Kernersville
William Ray Batchelor	Nashville
Jimmie Lee Beckom	Burlington
Joseph Powell Bivins	Elkin
James Overton Blanton, III	Winston-Salem
Talbot Wade Bone	Raleigh
James Edwin Bradshaw	Clinton
Horace Ray Branum	Raleigh
Gary Artford Broome	Monroe
* Timothy Gayle Broome	Monroe
Clyde Dale Buckner	Chapel Hill
William Matthew Burnette	Roanoke Rapids
James Aloysius Carr	Charlotte
William Kenneth Joyner Creech	Snow Hill
Sabir Hasan Mubarak Dahir	Charlotte
James Thomas Earwood, Jr.	Asheville
Robert Mingledorf Fields	Siler City
† Edwin Douglas Fowler	Durham
* Gary Moore Garlow	Rocky Mount
<i>2002</i> Paul Pressly Gilbert	Statesville
John Alexander Gooden	Elizabethtown
James Earl Grady, Jr.	Mount Olive
Thomas Waters Griffin	Williamston
Thomas Odell Grubbs, Jr.	Winston-Salem
Roswell Woodrow Hamlett, Jr.	Durham
* Joseph Leonard Hammack, Jr.	Burlington
James Oliver Harrell, Jr.	Tarboro
Donald Benson Holland	Roanoke Rapids
Walter Brian Howell	Raleigh
* Richard McCallum Jackson	Henderson
Cameron Waddell Lee, Jr.	Wake Forest
Ramon George Lee	Raleigh
Roy Graham Lynch, Jr.	Chimney Rock
Owen McNulty, Jr.	Fayetteville
* David Joseph Matlock	Winston-Salem
Andrew Jackson Medlin, Jr.	Thomasville
William Carlyle Merritt	Burlington
* David Guy Modlin, Jr.	Williamston
John Evan Norton	Highlands
† James Edwin Pait, Jr.	Charlotte
William Tetterton Paramore	Washington
Charles Gayle Rust	Charlotte
John Townsend Salyer, Jr.	Ardmore, Penna.
William Dennis Smart	Forest City
Larry Nelson Stallings	Selma
Linwood Earl Stroud	Kinston
Dwight Stevenson Tant	Zebulon
Charles Edward Utermohle, III	Baltimore, Md.
George Edwin Wallace	Franklin
Ronald Gene Watson	Andrews
Phillip Maurice Watts	Germantown
Henry Fletcher Wilson, Jr.	Siler City
Simion Augustus Wooten, Jr.	Wilson

* Honors ** High Honors ‡ In Absentia

**BACHELOR OF SCIENCE IN CIVIL ENGINEERING,
CONSTRUCTION OPTION**

*Charles Edward Bernhardt	Lexington
**Sherrill Bost Biggers, Jr.	Asheville
James Turman Carper	Raleigh
*Richard Lee Dixon	Oak Hill, W. Va.
Kenneth Wade Driver	Tarboro
William Cordia Ellen	Rocky Mount
Gordy Robert Eure	Morehead City
John Carlos Grubbs	Hickory
James Carldon Hall	Fayetteville
William Alvin Hedrick, Jr.	Lilesville
Johnny Lawson Hoskins	Spencer
Steve Chadwick Jarvis	Aurora
*David West Johnston	Greensboro
Lewis Lorenzo Lawrence, Jr.	Hampton, Va.
*Dale Newton Lee	Lawndale
Benjamin Harrell Mixon, Jr.	Henderson
*Don Belk Murray	Monroe
Augustus Neville, III	Spring Hope
Boyd Adam Smith	Asheville
Daniel McLeod Smith	Greenville
Nelson Lee Travis	Richmond, Va.
Gary Lewis Tysinger	Sanford
Peter Anthony Warner	Bethesda, Md.
Curtis Wayne Webster	High Point
Bennett Wayne Williams	Ashokie

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

Troy William Ammons, Jr.	Burlington
Carl Denny Atkins	Mebane
*John Henry Berard	Elizabeth City
Harold Booker	Fuquay-Varina
† Benjamin Thorp Brodie	Scotland Neck
Howard Estee Brown	Raleigh
Robert Preston Bryan, Jr.	Raleigh
*Samuel Grady Burgiss	Yadkinville
Jerome Phillip Burkett	Tampa, Fla.
Kenneth Lee Butler	McLeansville
Granville Creighton Byrd, Jr.	Dunn
James Michael Callaghan	Walla Walla, Wash.
Charles Edward Carraway	Havelock
Charles Moody Clemmons	Clayton
Glenn Gray Coltrane	Greensboro
Gary Robert Cooper	Morganton
Ralph William Cox	Winston-Salem
Jack Walters Creed	Boone
James Ray Davidson	Kinston
**Miles Lowry Davis	Elizabeth City
Gerald Walter Day	Fitzgerald, Ga.
*Rion Glen Day, Jr.	Washington
Neal Smith Doby	High Point
Wiley Ernest Dunn, III	Williamston
*Billy James Durham	Chesapeake, Va.
Roscoe Vann Eakins, III	Carolina Beach

* Honors

** High Honors

† In Absentia

David Richard Eshleman	Greenwood, S. C.
*Robert Dean Estes	Lenoir
Joseph Browne Evans, Jr.	Newport
†Norman Raymond Farmer, Jr.	Wilmington
*Gerald Ectlis Flowers	Taylor, Mich.
Joseph Separk Fourie	Raleigh
James Lewis Glenn	Durham
*William Harold Goodnight, Jr.	China Grove
Robert Christopher Hahn	Long Island City, N. Y.
*Edward Sprunt Hamilton, Jr.	Charlotte
Cleon Leonidas Hartzell, Jr.	Absecon, N. J.
*Robert George Hendrickson	Winston-Salem
James Arland Hoffmeyer	Deshler, Neb.
Daniel Charles Holcomb	Elkin
Jerrell Penn Hollaway	Elkin
Barry Lee Johnson	Winston-Salem
*John Philip Johnson	Arlington, Va.
*Thomas Wishum Johnson	Raleigh
William Gary Jones	Kernersville
William Martin Keane	Winston-Salem
William Chandler Keys, III	Asheville
Edwin Kenneth Kyles	Barium Springs
John William Long, III	Mocksville
Charles Richard Lorenz	Lancaster, Penna.
Iowa Hugh Lynn, III	Raleigh
*Charles Kennett McAdams, Jr.	Fayetteville
Bernard Allen McHenry	Jersey Shore, Penna.
George William MacPherson	Providence, R. I.
James Wallace Mason	Saint John, Kansas
Fleming Mauney	Kings Mountain
William Haskew Maxwell	Mount Holly
Samuel Arthur Mayo	Greenville
Wayne Marshall Miller	Reidsville
*John Adam Mitchell, III	Greensboro
William Arnold Mitchell	Silver Spring, Md.
*Robert Wayne Morton	Raleigh
Alfred Heinrich Mossier	New York City, N. Y.
John William Pearson	Apex
William Thomas Phillips, III	Kingstree, S. C.
*Henry Ervin Poe	Thomasville
Guy Lloyd Pope, Jr.	Franklin, Va.
Donald Ray Preslar	Kannapolis
†Ronald Kirk Richey	Raleigh
Stancil Beaman Roberts	Creedmoor
*Eugene Joseph Sabaitis	New Philadelphia, Penna.
†Gus Clint Sanders, Jr.	Shelby
Robert Edward Sangster	Raleigh
Willis Benjamin Simpson, Jr.	Kings Mountain
Michael Wayland Smith	Raleigh
*Charles Joseph Steenburgh	Amsterdam, N. Y.
Jay Clyde Stuart	Elkin
Edward Benjamin Taylor	Fayetteville
James L. Thomas	Winston-Salem
Jeffrey John Tozer	Glenwood Landing, N. Y.
Robert Blain Tucker, Jr.	Winston-Salem
*James Wilson Turner	Wadesboro
James Byron Van Anda	High Point
Gary Britain Warner	Thomasville

* Honors ** High Honors † In Absentia

James Bennett Warren	Asheville
Merritt Winslow Wayt, Jr.	Greensboro
Donald Wayne Wheeler	Benson
Robert Bryan Wigley	Morven
Richard Merle Wilkinson, Jr.	Oxford
Hugh Carlyle Willard	Washington
Peary Allen Willard	Greensboro
Donald Lee Williams	Beaufort
*Thomas Ryland Williams	Rocky Mount
Mac Morgan Wisler	Southern Pines
*Ronald Kirk Witmore	Wingate
Glenn Simeon Woodley	Asheboro

BACHELOR OF SCIENCE IN ENGINEERING MECHANICS

Larry Russell Brock	Monroe
Walter Ronnie Edwards	Plymouth
James Hunter Ware, Jr.	Mount Holly

BACHELOR OF SCIENCE IN ENGINEERING OPERATIONS

Julian Walton Allen, III	Plymouth
Jerry Wilson Armfield	Greensboro
Thomas Lee Bare	Marietta
Leonard Jay Berman	Brooklyn, N. Y.
Roy Lee Blackwell, Jr.	Tryon
Jack Martin Booth	Shawboro
Buddy Laverne Crain	Cherryville
Philip Cornelius Fishel, Jr.	Winston-Salem
Frank Lashley Frederick	Burlington
Ernest Charles Game, II	Lynchburg, Va.
Richard Holder Godwin	Raleigh
Charles Robert Jenkins	Charlotte
Edward Grant Jones, Jr.	W. Jefferson
*Stephen MacArthur Kanipe	Marion
Thomas Riley Kirkpatrick, Jr.	Raleigh
Donald Stewart Little	Buenos Aires, Argentina
Frederick King Lutz	Southern Pines
Jack Edward Medley	Kinston
Daniel Kenneth Meigs, Jr.	Charlotte
Ragan Henry Ormand	Bessemer City
Robert Russell Outlaw	Raleigh
Jack Merritt Ragan, Jr.	New Bern
†John Norman Reece	Booneville
David Reid Sharp	Greensboro
Samuel McDowell Stevens	Asheville
David Gregg Surratt	Burlington
Barry Stephen Swain	Walkertown
James Joseph Tedder	Greensboro
Ralph Milton Transou, Jr.	Booneville
Baron Lee Weaver	Johnson City, Tenn.
Jerry Dean Williams	Oakboro
Roy Colon Williams	Eagle Springs
Harry Robert Yauger, Jr.	Baltimore, Md.

* Honors

** High Honors

† In Absentia

BACHELOR OF SCIENCE IN FURNITURE MANUFACTURING AND MANAGEMENT

Eldridge Allen Coggins, Jr.	Raleigh
*Jerry Colon Cranford	Statesville
Frank Alexander Glover	Gastonia
Gary Long Herman	Hickory
*Frank Royal Loyd, Jr.	Fayetteville
Cloyd Franklin Miller	Hickory
James Joseph Tedder	Greensboro
Edwin George Wall	Lexington

BACHELOR OF SCIENCE IN GEOLOGICAL ENGINEERING

*Edward Walker Gregory	Raleigh
John Holt Harman	Silver Spring, Md.
David Lee Havener	Collegeville, Penna.

BACHELOR OF SCIENCE IN INDUSTRIAL ENGINEERING

Charles Radford Bennett	Greensboro
William Garland Bolejack	Reidsville
*Robert Ward Chappell	Raleigh
John Raymond Gunter	Raleigh
Garland Luther Harris, Jr.	Jacksonville
Willard Douglas Jones	Raleigh
Francis Leonidas Joyner, Jr.	Jacksonville, Fla.
Elliott Ashbel Mayo, Jr.	Charlotte
Robert Dean Melton	Charlotte
†William Carl Moffitt	Moline, Ill.
David Elias Mosteller	Vale
*Robert Allen Preslar	Norfolk, Va.
Robert Bunnell Smith	Waycross, Ga.
Howard Kelly Taylor, Jr.	Como
Murray Reed White	Charlotte

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

Charles Barrette Almond, Jr.	Albemarle
*James Ronald Bailey	Marion
Paul Thomas Bartlett	Raleigh
Vance Cecil Bason	Mebane
Charles Daniel Baucom	Apex
*Harry Lee Beach, Jr.	Richmond, Va.
Thomas Deane Bolick	Lenoir
Charles Clyde Bradburn	Brevard
Jackie Roland Bradshaw	Clinton
*David Charles Brenner	Asheboro
Milton Dale Bridges	Shelby
*Curtis Bulla Brookshire, Jr.	Randleman
Gerald Rae Buchanan	High Point
*William Hiram Campbell	Rocky Mount
Edwin Gene Caveness	Ramseur
Edward Steuart Chaney	Harwood, Md.
*Everett Pleasant Chesley	Asheville
Charles Nelson Cooper	Shelby
Daniel Foil Craver	Winston-Salem
*John Hardy Daughtridge	Rocky Mount
Frank Payne Davis, III	Winston-Salem

* Honors ** High Honors † In Absentia

VanBuren Webb Etheridge	Charlotte
James Rufus Ferguson	Taylorsville
Arthur Rune Frelund	Yonkers, N. Y.
Cedric Lamont Gibson	Rocky Mount
William Alfred Gold	Winterville
Donald Thomas Haith	Durham
Milton Leroy Hite, Jr.	Charlotte
Robert Ernest Honeycutt	Lexington
Alexander Gibson Howell, Jr.	Suffolk, Va.
Richard Allen Hurst	Raleigh
* Roger Earl Johnson	Burlington
William Pearce Johnson, Jr.	Durham
William Jackson Johnston	Mebane
John James Kaveny	Upper Montclair, N. J.
Charles Franklin Knott, Jr.	Durham
Charles Henry Lee, Jr.	Wilson
David Walter McMillan	W. Jefferson
* James Patrick Miller, Jr.	Charlotte
* Michael Grant Miller	Raleigh
Thomas Mitchell Miller	Salisbury
Jerry Smith Mitchell	Walnut Cove
William Ray Moser, Jr.	Greensboro
Brock McFall Nicholson	Raleigh
Eddie Lane Presson	Monroe
† Robert Ellis Quinn	Wilson
Peter Friery Rawlings	North Providence, R. I.
James Childs Rea, III	Cartersville, Va.
* Clarence Eugene Roberson, Jr.	Ahoskie
William Ollie Rose	Norlina
Bruce Randolph Schiller	Winston-Salem
Roy Earl Scoggin	Greensboro
Starr Edward Smith, Jr.	Greensboro
Grimkey Rhett Spencer, III	Rockingham
* Bryan Stanley Stevens	Loris, S. C.
Walter Jeffrey Stikleather	Statesville
Clarence Neil Styers	Castonia
* John Leo Sullivan, Jr.	Charlotte
David Gladney Taylor	Charlotte
* Robert Charles Tremitiere	Allendale, N. J.
Walter Lee Trexler, Jr.	Charlotte
Robert Marvin Turner	Edenton
William Andrew Waldron, Jr.	Poughkeepsie, N. Y.
James Linwood Walker	Burlington
Ivan Eugene Wilkinson	Charlotte

BACHELOR OF SCIENCE IN METALLURGICAL ENGINEERING

†** John Montgomery Brett	Ahoskie
Manuel Ignatius Hubert Fernandes	Bombay, India
Thomas Burl Gurganus	Plymouth
Charles Whitfield Hardy	Hookerton
Lloyd Ernest Hartsell, Jr.	Rockingham
Cecil Earl Martin, Jr.	Milton, Fla.
Elbert George Massad	Benson
Ralph James Richardson	Monroe
* John Wesley Young, III	Ahoskie

* Honors

** High Honors

† In Absentia

BACHELOR OF SCIENCE IN NUCLEAR ENGINEERING

Daniel Dempsey Ballance	Moyock
James Dewey Beamon	Goldsboro
James Harold Bell	Lillington
Charles Leon Biggs, Jr.	Fayetteville
Boyd Wesley Childers	Connelly Springs
Alan Barry Cohen	Raligh
* Stanley Kenneth Fraley	Toledo, Ohio
* James Reed Honeycutt	Gastonia
George Richard Hull, Jr.	Asheville
* Danny William LaBelle	Fayetteville
Luther Daniel Mears	Rocky Mount
James Franklin Peedin	Selma
Glenn Harlow Reibsam, Jr.	Chester, Va.
Neal Alexander Rutherford, Jr.	Asheville
Jay Clyde Stuart	Elkin
* Lester Harold Sullivan	Carolina Beach
Harry Adams Taylor	Goldsboro
Molton Henry Wheeler, Jr.	Falls Church, Va.
Charles Andrew Wilkins	Greensboro

School of Forestry



BACHELOR OF SCIENCE IN FOREST MANAGEMENT

* Harold Kenneth Cordell	Marion
Dennis Thomas Curtin	Naugatuck, Conn.
Earl Lackey Deal, Jr.	Norfolk, Va.
James Brian Fiaco	Norwood, N. Y.
† Kenneth Wayne Forester	Asheville
Alvin Bernard Huehnel	Craryville, N. Y.
Thomas Norton Hunt	Franklin
Cheng Huor	Stung Trang, Cambodia
Laurens Gifford Jervis	Fayetteville
Herbert Julien Kirk	Aberdeen
Scott McMurray McKellar	Rowland
James Eugene Malpass	Delco
Craven Coolidge Morton, Jr.	Albemarle
Robert Milton Oates	Shelby
John Richard Paquin	Alexandria, Va.
Henry Stewart Robinson	Clinton

* Honors ** High Honors † In Absentia

Joseph Adams Sutton	Asheville
James Daniel Thorsen, Jr.	Niagara Falls, N. Y.
† Gregory Hudson Winston	Bumpass, Va.

BACHELOR OF SCIENCE IN PULP AND PAPER TECHNOLOGY

William Charles Bannan	Newburgh, N. Y.
Robert Clifford Brown, Jr.	Asheville
Robert Spencer Chestnutt	Mathews, Va.
Joe Kennan Donald	Harriman, Tenn.
William Joseph Elliott, Jr.	Rutherfordton
Richard Gill Gabriel	Asheville
Harry Kale Goodman	Gold Hill
Aubrey Donald Harris, Jr.	Williamston
** John Adolph Heitmann, Jr.	Savannah, Ga.
Robert Vincent Hendriks, Jr.	Georgetown, S. C.
* Charles Delbert Holder, Jr.	Wilmington
Marion Arthur Holt	Savannah, Tenn.
* John Anthony Lamm	Spring Hope
John Edward McClendon	Bogalusa, La.
Ronald Stephen Mizell	Washington
Arthur Macon Morris	Halifax
William Clyde Parham, III	Latta, S. C.
* Homer Vann Parker, III	Gatesville
David Michael Safrit	Salisbury
Hayden Curtis Simerson	Salisbury
Ray Stanley Taylor	Raleigh
Robert Andrew Thomas, Jr.	Rome, Ga.

BACHELOR OF SCIENCE IN WOOD TECHNOLOGY

George Grovner Disk	Charlotte
Stephen Ross Fort	Clarkton
Obed Paul Higgins, III	Waverly, Va.
Charles Livious Lennon	Bladenboro

School of Liberal Arts



BACHELOR OF ARTS

Marvin Wayne Adkins	Enfield
Robert Franklin Andrews, III	Brevard
* Richard John Auld	Raleigh
Everette Hoke Babb	Holly Springs
* Judith Elaine Blondeau	Calais, Maine

* Honors ** High Honors † In Absentia

Barry Carling Bogart	Hampton, N. J.
James Brookshire Bradshaw	Raleigh
Agnes Ann Brock	Raleigh
† Edward Earl Brown, Jr.	Jamesville
Walter Hamlin Brown, III	Petersburg, Va.
•• David Michael Chappell	Raleigh
•• Rosina Traneva Coburn	Raleigh
William Carroll Coffey	Raleigh
† Peter Lee Coker	Macungie, Penna.
James Donald Coleman, Jr.	Burlington
Linda Carroll Connelly	Greensboro
Bertrand Philip Daigle	Raleigh
• Jack Clifton Dailey	Fort Pierce, Fla.
John William Draughon, Jr.	Durham
Gregory Elton Edgerton	Newport News, Va.
John Robert Ewald	Roanoke, Va.
Jesse Leonard Farris, Jr.	Rockingham
• Annette Walker Ferguson	Walkertown
Alvah Dalton Fuqua, Jr.	Raleigh
Coney O'Neal Gentry	Elkin
Ross Lionel Gordon	Four Oaks
Delores Anne Heath	Deep Run
Kinnon Berry Hodges	Fort Barnwell
• Wanda White Howard	Fair Oaks, Cal.
John Wayne Hunter	Winston-Salem
David Edward Ingold	Cary
Lock Wynn Ireland	Celina, Ohio
Joel Thomas Jackson	Raleigh
James Howe Johnson, Jr.	West Point, Va.
Jon Edward Jones	Durham
Lynwood Ray Jones	Raleigh
Herbert William Korte, Jr.	East Orange, N. J.
• Frances Thompson Lewis	Raleigh
Robert Wilkie Lunsford, Jr.	Winston-Salem
Willard Michael McDonald	Raleigh
† • Meredith Clifton McKinney	Raleigh
• Judy Liles Mangum	Raleigh
Dana Joan Martin	Pleasant Hill, Cal.
Frank Hanford Meece, Jr.	Raleigh
• Jonathan William Montague	Raleigh
• Wanda Thompson Morgan	Louisa, Ky.
Bennie Louise Paris	Graham
Rudy Maurice Partin	Raleigh
Maurice James Perdue	Raleigh
•• Doraine May Poretz	Rockville Centre, N. Y.
Joseph Roderick Robertson, Jr.	Raleigh
Donald Steven Rogers	Salisbury
Errol Darwin Roper	Pittsboro
John Edgar Seaton, Jr.	Elizabeth City
Alreda White Southall	Raleigh
Judith Gayle Spell	Cottageville, S. C.
James William Sutton	Raleigh
Betty Stanley Toney	Wilmington

• Honors •• High Honors † In Absentia

‡Frederick John Walter	Bernardsville
Lawrence Samuel Weir, Jr.	Great Falls, S. C.
William Vogler White	Winston-Salem
**Brenda Fritsche Wilbur	Haverford, Penna.
Martha Joanne Wilson	Raleigh
Clarence Lee Yarbrough, Jr.	Randleman

BACHELOR OF SCIENCE

Charles Richard Bilbro	Cary
Edward Franklin Dement, II	Durham
Betina Ray Rothstein	Raleigh
John Wayne Woodson	Chase City, Va.

School of Physical Sciences and Applied Mathematics



BACHELOR OF SCIENCE IN APPLIED MATHEMATICS

Wayne Johnston Baldwin	Wilmington
‡Robert Maylon Blackburn	Mount Airy
Stuart Allen Cooper	Winston-Salem
*Charles Thomas Farmer	Goldsboro
Thomas Forshaw, III	Charlotte
*Joseph Parke Gaston, Jr.	Greenville
*Kathryn Ward Geddie	Raleigh
James Davis Gribble	Kannapolis
George Thomas Gurley	Goldsboro
Henry Redd Hamilton	Raleigh
Clayton Vernon Hatley, Jr.	Oakboro
Ronald Ernest Herren, Jr.	Hyattsville, Md.
*Roger Allen Holton	Roanoke Rapids
*Judith Marie Hubbard	Chesapeake, Va.
William Henry Hulbert	Sanford
Jov Marjorie Johnson	Raleigh
Robert Daniel King	Raleigh
**Johnny Truitte Lowman	Valdese
John Baron May	Durham
**John Wilbur Newlin, III	Burlington
*Maurice Eubanks B. Owen, III ..	Richmond, Va.
Roy Herman Propst	Spencer
James David Sams, Jr.	Enka
*Robert Lee Self, III	Burlington
Harrell Lee Sink, II	Lexington

* Honors ** High Honors ‡ In Absentia

Charles Robert Thompson	Asheville
Albert Reuben Traynham	Burlington
* Sylvia Janice Williams	Raleigh
David Alan Young	Baltimore, Md.

BACHELOR OF SCIENCE IN CHEMISTRY

** Robert Grady Beach	Boone
Robert Brown Kellogg	Charlotte
Levon Martin	Kannapolis
William Eugene Pearce	Franklinton
* Carl Brent Smith	Raleigh
* Robert Malcolm Swindell	Raleigh
* Betty Lou Van Dyke	Henderson
* Larry Estel Warren	Clinton

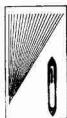
BACHELOR OF SCIENCE IN EXPERIMENTAL STATISTICS

Bruce Lancaster Jones	High Point
Richard Lee Paoletti	Toledo, Ohio
** Ann Elizabeth Robinson	Raleigh
Gene Dwight Shuping	China Grove
Billy Mason Williams	Durham

BACHELOR OF SCIENCE IN PHYSICS

James Hall Adams, Jr.	Statesville
* Otis Barton Brown, Jr.	Raleigh
Thomas Anderson Clemmer	Gastonia
* John Jesse Higgins	Greensboro
** Thomas William Houk	Johnson City, Tenn.
Vassilios Marcopoulos	Thessaloniki, Greece
** John Charles Pratt	Goldsboro

School of Textiles



BACHELOR OF SCIENCE IN TEXTILE CHEMISTRY

Raymond Ernest Allaire	Magog, Canada
Isaac Henry Brisson	Salisbury
* Honors	** High Honors

Robert Walter Dowd	Saint Pauls
Morris Evans	Johnstown, N. Y.
Charles Calvin Faires	Gastonia
Keith William Frost	Orms town, Canada
Harry Celwyn Gibbs, Jr.	Swannanoa
* Roger Lee Haley	Mebane
* David Joel Hall	Wilmington
Robert William Hallman	Hickory
Frank Odell Harris, Jr.	Mebane
Travis Watts Honeycutt	Durham
Emmitt Hickerson Johnson	Rocky Mount
Charles Edward Jones	Bahama
Jean Roland Laframboise	Montreal, Canada
Howard Massey Lewis	Spruce Pine
James Lewis Lowder	Albemarle
Odis Maurice Reaves	Clayton
* William Christopher Schwartz	Castle Hayne
Charles Edward Wood, IV	Charlotte

BACHELOR OF SCIENCE IN TEXTILE TECHNOLOGY

Oscar Morales Aldana	Pozorrubio, Philippines
John Leach Allen	Troy
Philip Wilson Atkins	Colfax
William Jack Bostrom	Charlotte
David Stephen Brown	Rocky Mount
Robert Eugene Caison	Kenansville
William Dement Church, II	Stuart, Va.
Dennis Floyd Couch, Jr.	Durham
Donald Graham Cowan	Cleveland
Robert Council Cranford, Jr.	Raleigh
Roger David Crowe	Shelby
John Perry Dodd, Jr.	China Grove
* Thomas Wayne Eggleston	Star
Larry Thomas Elliott	Virgilina, Va.
Avery Lee Faw	Warrens ville
David Leonard Gaffney	Cramerton
Hughie Michael Gentry	Roxboro
Dale Steven Gunter	Gastonia
Michael David Guy	Maiden
Joseph Halfon	Guatemala City, Guatemala
Philip Leighton Hart, III	Winston-Salem
George Michael Hawkins	Cliffside
Stanley Hutchison Hughey	Elizabeth City
Sidney Thomas Isler	Goldshoro
Cecil Van Lambert, Jr.	Kannapolis
Dwight Schofield Leroy	Balfour
† Ruben Levy	Lima, Peru
Delmer Neill McDaniel	Cleveland
Richard Vardry McPhail, Jr.	Gastonia
** Cyril Albert Mahy	Hamilton, Canada

* Honors

** High Honors

† In Absentia

Pierre Philip Mandeville	Coaticook, Canada
†James Alexander Mason, Jr.	Kannapolis
Donald Glenn Mercer	Beulaville
Albert Elijah Millard, Jr.	Belmont
Bruce Charles Miller	Burlington
Paul Blackburn Mitchell, Jr.	Winston-Salem
Kinchen Carl Moore, III	Fuquay-Varina
Albert Gallatin Myers, III	Gastonia
Guillermo Novellas, Jr.	Columbia, S. C.
*Clyde Stephen Overcash	China Grove
*William Robert Pelton	Embryo, Canada
Ray Robert Perry, Jr.	Shelby
James Ronald Persinger	Ayden
Hester Warren Phillips	Kannapolis
Alex Austin Propst, Jr.	Salisbury
James Henry Riddle, Jr.	Salisbury
*Jacob Ellis Robinson	Gastonia
Theadie Carlton Spell, Jr.	Roseboro
David Daniel Spiegel	Springfield, Mass.
David Henry Stowe	Belmont
Thomas Edward Strickland, Jr.	High Point
John Daniel Stuckey	Monroe
Daniel Wilbur Thomas	Red Springs
Harold Hix Toney	Mooreboro
†Carroll Lankford Walker	Norfolk, Va.
Donald Ralph Williams	Lexington
Rodger Derby Williams	Fayetteville
†Roger Garrou Williams	Valdese
Terry Eugene Wilson	Coolermeec
Fred Addison Yarbrough	Lexington

Professional Degrees

Civil Engineer, Structural Option

Akbar Etefagh, Tehran, Iran

Civil Engineer, Transportation Option

Dale Pennington Gregg, Cary

Electrical Engineer

†Herman Franklin Biggs, Jr., Lumberton
 Jerome Phillip Burkett, Tampa, Fla.
 †Edwin Grover Cox, Asheboro
 Gerald Walter Day, Jr., Washington
 James Arland Hoffmeyer, Deshler, Neb.

* Honors ‡ In Absentia

George William MacPherson	Providence, R. I.
Alfred Heinrich Mossler	New York City, N. Y.
William Thomas Phillips, III	Kingstree, S. C.

Industrial Engineer

Bhagwan Nanikram Gidwani	Bombay, India
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Mechanical Engineer

‡Sevanti Chhotalal Vora	Ahmedabad, India
-------------------------------	------------------

Master's Degrees

MASTER OF AGRICULTURE

Roberto Barrera Ceniceros	Santiago, Mexico
Hernan Jose Guedez	Cagua, Venezuela
Boonsom Meksongsee	Bangkok, Thailand
Ciriaco Jose Pompeo Siqueira	Cuiaba, Brasil

MASTER OF APPLIED MATHEMATICS

Srichan Assakul	Bangkok, Thailand
Stephen Hunt Brown	Raleigh
Kenneth Alfred Byrd	Erwin
Noal Cope Harbertson	Roy, Utah
Lindy Wang Huang	Taipei, Taiwan
Patricia Nileen Hunt	Raleigh
Mary Shiao-fang Liu	Tainan, Taiwan
Thomas Haywood McLawhorn	Winterville
Philip Gale McMillan	West Jefferson
John Wesley Marrow, III	Plymouth
William Francis Hurley Page	Statesville
‡Nancy Regina Petree	Winston-Salem
Clifton Bruce Suitt	Charlotte
Thomas Michael White	Mooresville
Julian Mack Worthington	Winterville

MASTER OF EDUCATION

Agricultural Education

Leonard Allen Freeman, Jr.	Burlington
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Industrial Arts

‡William Francis McBride	Norfolk, Va.
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Industrial Education

John Shelton Smith	Charlotte
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Mathematics Education

Hoyle Lee Blalock, Jr.	Boiling Springs
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‡ In Absentia

Occupational Information and Guidance

†Milton Martin Hagen	Charlotte
Pauline Furr Hendrix	Raleigh
†George A. Passes	Greensboro

MASTER OF ELECTRICAL ENGINEERING

John Williams Bogle, III	Wytheville, Va.
J. Frank Campbell	Dunn
Donald Edwin Cochron	Burlington
Oliver Paul Credele	Washington
Gerald Ectlis Flowers	Lincoln Park, Mich.
James Albert Hutchby	Winston-Salem
†William Louis Keiner	Chicago, Ill.
†Victor Ho Ku	Hong Kong
†Kuang Shi Lin	Taipei, Taiwan
Demetrios Andreas Michalopoulos	Athens, Greece
Venugopal Pichai	Madras, India
†Richard Burke Plunkett, II	Burlington
Charles Joseph Steenburgh	Amsterdam, N. Y.
Jimmy Der Yip	High Point

MASTER OF EXPERIMENTAL STATISTICS

†David Mitchell Allen	Sebree, Ky.
John Edward Brown	Greenville, Fla.
James Raymond Chromy	Ceresco, Neb.
†George Robert Courage	Saint John's, Canada
Frank Kwang-Ming Hwang	Raleigh
†Shirley Young Lehman	Brackenridge, Penna.
†Leon Curtis McBride	Rupert, Idaho
†Kenneth Earl Merritt	Clinton
†Gary Michael Mullett	Mount Pleasant, Mich.
Gipsie Bush Ranney	Kingsport, Tenn.
†Edward Everett Schleicher, III	Miami, Fla.
†Luc Joseph Paul Valiquette	Montreal, Canada

MASTER OF EXTENSION EDUCATION

Leonard Albert Hampton	Garner
Maidred Morris Stroud	Kinston
Douglas Young	Louisburg

MASTER OF FOOD SCIENCE

†Francisco Sylvester Pautrat	Lima, Peru
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MASTER OF FORESTRY

†Robert Willard Reese	Erwin, Tenn.
Richard Anthony Usanis	Middletown, Conn.

MASTER OF TEXTILE TECHNOLOGY

Aida Aly El-Zarka	Alexandria, Egypt
-------------------------	-------------------

† In Absentia

MASTER OF SCIENCE

Agricultural Economics

‡Aage Jorgensen	Sonderborg, Denmark
‡Ralph Eugene Petersen	Danevang, Texas
Maurice Elery Reddick	Pantego
Umran Meliha Sagnak	Ankara, Turkey

Animal Ecology

David Roland Zehr	Oakland, Cal.
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Animal Science

‡Kenneth Roy Butcher	Leesburg, Ga.
‡John Wade Fuquay	Snow Camp
‡Charles Leon Skutches	Slatington, Penna.
Jack Smith, Jr.	Oak City
Walter Riley Wright	Hendersonville

Biological and Agricultural Engineering

‡Allen Joseph Barwick	Grifton
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Ceramic Engineering

Donald Robert Rummler	Hampton, Va.
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Chemical Engineering

Jae Chang Noh	Seoul, Korea
Richard Busbee Phillips	Raleigh

Civil Engineering

Jeffrey Marvin Arey	Statesville
Anooshiravan Askari	Teheran, Iran
Joseph Hugh Bradburn	Brevard
Joe Kelly Donaldson	Mount Mourne
Edwin Wilbur Hauser	Lewisville
‡Thomas Earl Hawkins	Union, S. C.

Electrical Engineering

‡Baxter Washington Daugherty	Burlington
David Dolian Gilliam	Burlington

Engineering Mechanics

Edward Shermer Todd	East Bend
Maurice Cornelius Todd	East Bend

Entomology

Kent Dennis Elsey	Seattle, Wash.
Harihara Mahadeva Mehendale	Mysore, India

Extension Education

John Marshall Peters	Lily, Ky.
Gene Autry Sullivan	Selma

Food Science

Catharina Yung-Kang Wang Ang	Taipei, Taiwan
------------------------------------	----------------

Forest Management

‡Miguel Caballero-Deloya	Acapulco, Mexico
Robert Clay Kellison	Raleigh
‡ In Absentia	

Genetics

- Richard Steven Furr Oakboro
 ‡Wilma Wei-Lin Hu Taipei, Taiwan
 ‡Akio Suzuki Tokyo, Japan

Geological Engineering

- Richard Lewis Payzant Custer Penn Valley, Penna.
 ‡Herbert Cornell Mills Roslyn, N. Y.
 ‡Richard Llewellyn Wilkins Darien, Conn.

Industrial Education

- ‡Phares Steavens Nye Raleigh
 ‡Napoleon Jerome Owens, Jr. Wilmington

Industrial Engineering

- Richard Earle Nance Raleigh
 ‡John Lewis Stier Richmond, Mich.

Industrial Psychology

- ‡Aldin Swadley King Bristol, Va.

Mechanical Engineering

- ‡Ronald Lynn Dixon Siler City
 Vernon Leon Goodwin, Jr. New Bern
 Hal Craig Hartsell, Jr. Concord
 Michael Thomas Mettreay Raleigh
 ‡Phillip Hunter Morrison Lenoir
 John LeRoy Parker, Jr. Rocky Mount
 Dennis Martin Phillips Raleigh
 Pedro Alejandro Schick Caracas, Venezuela

Metallurgical Engineering

- Hubert Hartman Davis, Jr. Jamestown

Microbiology

- ‡Tjiok Gwat Iem Kwik Bogor, Indonesia
 ‡Vera Jane Piper Raleigh

Occupational Information and Guidance

- ‡Sarah Elizabeth Blizzard Dillon, S. C.
 ‡Roger William Woodbury Siler City

Physics

- Lawrence Rufty Chandler, Jr. Winston-Salem
 Benjamin Tyson Gravely Raleigh
 ‡William Edward Smith, IV Goldsboro

Plant Pathology

- ‡Charles George Lindberg Yonkers, N. Y.

Poultry Science

- Khalid Zaidan Khalifa Baghdad, Iraq

Rural Sociology

- Charles Edward Lewis Wilmington
 Alysce Marie Hager Young Durham

‡ In Absentia

Textile Chemistry

Omprakash Sarma KolluriBombay, India

Textile Technology

Farouk Mansour El-HosseinyCairo, Egypt

‡Jose Fernando LazzariniSao Paulo, Brazil

‡Joe Forest London, Jr.Mount Ulla

Bahaa El-Din Ismail RaafatAlexandria, Egypt

Robert Weathersbee ShinnRaleigh

Paul Arthur Tucker, Jr.Locust

Ashok Narain UllalBombay, India

Wildlife Biology

‡Donald Earl HossGloucester

Zoology

Lindsay Wallace WoodCleveland, Ohio

‡ In Absentia

Doctor of Philosophy Degrees

May 28, 1966

- Yousef Abdel-Magid Abdou, Plant Pathology
Dissertation: The Source and Nature of Resistance in *Arachis L.* species to *Mycosphaerella archidicola* Jenk. and *Mycosphaerella berkeleyii* Jenk., and Factors Influencing Sporulation of these Fungi. (Under the direction of William Earl Cooper).
- ‡Colin Bassett, Plant Pathology
Dissertation: The Production, Characteristics, and Biological Effects of a Toxic Metabolite Produced in Culture by *Fomes annosus*. (Under the direction of Robert Tinsley Sherwood).
- James Forest Beeman, Biological and Agricultural Engineering
Dissertation: Growth Dynamics of Small Tobacco Plants. (Under the direction of William Eldon Splinter).
- Nicholas Miklos Berenyi, Soil Science
Dissertation: Soil Productivity Factors on the Outer Banks of North Carolina. (Under the direction of William Victor Bartholomew).
- ‡George Lansing Blackshaw, Nuclear Engineering
Dissertation: Scattering of Low-Energy Neutrons in a Monatomic Gas Model of a Multiplying System. (Under the direction of Raymond Leroy Murray.)
- Gale Herbert Buzzard, II, Mechanical Engineering
Dissertation: Finite-Difference Analysis of the Compressible Inlet Problem in a Porous Plane Channel. (Under the direction of James Clifford Williams, III).
- William Calvin Carpenter, Civil Engineering
Dissertation: A General Analysis of an Idealized Geodesic Dome for Loadings from Seismic Disturbances. (Under the direction of Charles Raymond Bramer and John Frederick Ely).
- Adger Bowman Carroll, Economics
Dissertation: Value of Human Capital Created by Investments in Technical Education. (Under the direction of Loren Albert Ihnen).
- ‡Eugene Watson Carson, Soil Science
Dissertation: Some Initial Differences in Wheat Seedling Metabolism As Influenced by Ammonium and Nitrate Nitrogen Sources. (Under the direction of William A. Jackson).
- Joseph Daniel Coffey, Economics
Dissertation: Prospects of Transforming Peru's Traditional Agriculture. (Under the direction of Richard Adams King).
- Charlie Harrison Cooke, Applied Mathematics
Dissertation: The Existence of Periodic Solutions and Normal Mode Vibrations of Nonlinear Systems. (Under the direction of Dr. Raimond Aldrich Struble).
- Richard Ammon Cowman, Food Science
Dissertation: Physico-chemical Characterization of *Streptococcus lactis-3* Proteinase Enzyme System. (Under the direction of Marvin Luther Speck and Harold Everett Swaisgood).

‡ In Absentia

- Robert Dean Decker, Botany
 Dissertation: The Growth and Development of Axillary Branch Buds after Topping in *Nicotiana Tabacum* L. and the Anatomical Effects of Contact Sucker Control Chemicals upon These Structures. (Under the direction of Heinz Seltmann).
- ‡Charles Bennett England, Soil Science
 Dissertation: The Influence of Selected Cropping Treatments on Certain Physical Properties of Several Western North Carolina Soils and Watersheds. (Under the direction of William Walton Woodhouse, Jr.).
- Richard Conard Fluck, Biological and Agricultural Engineering
 Dissertation: Optimization of Sweet Potato Harvesting and Handling Methods by Unit Flow, Shortest Path Techniques. (Under the direction of William Eldon Splinter).
- Stanley Eugene Gilliland, Food Science
 Dissertation: Studies on the Bactericidal Action of Electrohydraulic Shock. (Under the direction of Marvin Luther Speck).
- Thomas Marion Godbold, Chemical Engineering
 Dissertation: A Study of Energy Losses for Pulsating Flow of Incompressible Fluids in Flexible Tubes. (Under the direction of Dr. Kenneth Orion Beatty, Jr.).
- Alva Howard Harris, Zoology
 Dissertation: The Morphology and Life History of *Diplostomum variabile* (Chandler, 1932) (Trematoda: Diplostomatidae). (Under the direction of Reinard Harkema).
- Thomas Cooper Hicks Harris, Applied Mathematics
 Dissertation: Periodic Motion in Hamiltonian Systems. (Under the direction of Dr. Raimond Aldrich Struble)
- Eugene Frederick Hill, Electrical Engineering
 Dissertation: A Method of Determining Incremental Loss Factors and Loss Coefficients from Power System Admittances and Voltages. (Under the direction of William Damon Stevenson, Jr.).
- Edmund Frederick Jansen, Jr., Economics
 Dissertation: Employment Participation Behavioral Relationships (Under the direction of George Stanford Tolley).
- Carl Samuel Keener, Botany
 Dissertation: A Biosystematic Study of *Clematis* Subsection Integrifoliae (Ranunculaceae). (Under the direction of James Walker Hardin).
- Keith Lee Kusmaul, Experimental Statistics
 Dissertation: Estimation of the Mean and Variance Components in a Two-Stage Nested Design with Compositated Samples. (Under the direction of Richard Loree Anderson).
- ‡Bobby Eugene Leonard, Nuclear Engineering
 Dissertation: Neutron Slowing-Down Infinite Moderator Media from a Fast Neutron Burst. (Under the direction of Raymond Frederick Saxe).
- John Clarence McGee, Chemical Engineering
 Dissertation: Effect of Coexistent Temperature and Pressure Gradients on Flow of Air Through a Porous Bed. (Under the direction of Kenneth Orion Beatty, Jr.).
- John William McGee, Chemical Engineering
 Dissertation: Two-Phase Flow Through Abrupt Expansions and Contractions. (Under the direction of James K. Ferrell).

‡ In Absentia

- Dissertation: Donald Henry Marx, Plant Pathology
The Role of Ectotrophic Mycorrhizal Fungi in the Resistance of Pine Roots to Infection by *Phytophthora cinnamomi* Rands. (Under the direction of Charles Bingham Davey).
- Dissertation: †John Robert Paul, Animal Ecology
Observation on the Ecology, Populations and Reproductive Biology of the Pine Vole, *Pitymys p. pinetorum*, in North Carolina. (Under the direction of Frederick Schenck Barkalow, Jr.).
- Dissertation: †Niyom Purakam, Experimental Statistics
Multi-State Sampling on Successive Occasions Where First-Stage Units are Drawn with Unequal Probabilities and with Replacement. (Under the direction of John Clement Koop).
- Dissertation: †Curtis Dean Rose, Animal Ecology
The Biology and Catch Distribution of the Dholphin, *Coryphaena hippurus* (Linnaeus), in North Carolina Waters. (Under the direction of William Walton Hassler).
- Dissertation: †Carl Sidney Rudisill, Mechanical Engineering
A Three-Dimensional Theory of Hot Strip Rolling. (Under the direction of Carl Frank Zorowski).
- Dissertation: Ronald Arthur Schrimper, Economics
Micro-Aggregated Theory of Agricultural Adjustments with Application to Farm Number Changes. (Under the direction of George Stanford Tolley).
- Dissertation: Raymond Hing Yan Shum, Nuclear Engineering
An Experimental Determination of Absorption of Sound in High Pressure Superheated Steam by Ultrasonics. (Under the direction of Dr. James Woodburn).
- Dissertation: †Charles Frederick Sing, Genetics
A Study of Inbreeding Depression in Two Populations of *Zea mays* L. (Under the direction of Warren Durwood Hanson and Robert Harry Moll).
- Dissertation: †Robert Eugene Stacey, Animal Science
The Isolation, Purification, and Preliminary Characterization of Propionyl-CoZ Synthetase from Sheep Liver Mitochondria. (Under the direction of Samuel B. Tove).
- Dissertation: †Byron Kenneth Webb, Biological and Agricultural Engineering
Electrical Field Breakdown Phenomena in the Application of Charged Dust. (Under the direction of Henry Dittimus Bowen).
- Dissertation: Thomas Kelley White, Jr., Economics
An Analysis of the Economic Feasibility of Expanding Jute Production and Processing in Peru. (Under the direction of Arthur James Coutu and Richard Adams King).
- Dissertation: James Wesley York, Jr., Physics
An Investigation of the Physical Role of the Theory of Hyper-surfaces in the General Theory of Relativity. (Under the direction of William Robert Davis).

† In Absentia

DEGREES CONFERRED

July 21, 1965
August 27, 1965
January 21, 1966

School of Agriculture and Life Sciences



BACHELOR OF SCIENCE IN BIOLOGICAL AND AGRICULTURAL ENGINEERING

Jointly Administered by Schools of Agriculture and Life Sciences
and the School of Engineering

Robert Beatty Philbeck (January, 1966)Shelby
Thomas Howard Young (January, 1966)Norlina

BACHELOR OF SCIENCE

Agricultural Economics

William Cherry Beach (January, 1966)Oak City
Michael Towell Johnston (January, 1966)Mooresville
Fred Lee Matthews (January, 1966)Fuquay Springs
Eugene Benjamin Roberson, Jr. (January, 1966)Robersonville

Agronomy

Robert Mann Carnes (January, 1966)Laurinburg
James Theodore Fletcher (January, 1966)Elizabeth City
DeWitt Talmadge Gooden, III (January, 1966)Elizabethtown

Animal Science

Larry Darwin Byrd (January, 1966)Norwood
Frank Lee Cherry, Jr. (August, 1965)Sherrills Ford
Karl Holmes Hedrick, Jr. (January, 1966)Boiling Springs
Walker Wilson McNeill (January, 1966)Warsaw
James Wynn Wells (January, 1966)Roseboro

Biological and Agricultural Engineering

*William Joseph Allen (July, 1965)Ramseur
Stanley Wayne Blanchard (August, 1965)Elizabeth City
*Walter Audrey Cameron (July, 1965)Cameron

* Honors

Jerry Lassiter Causey (January, 1966)	Grifton
James Warren Cutts (January, 1966)	Stovall
Henry Alexander Marks, Jr. (January, 1966)	Wilmington
Crop Science	
William Henry Culpepper, Jr. (January, 1966)	Rocky Mount
John Lawson Goodwin (January, 1966)	Apex
Jerry Myron Maxwell (July, 1965)	Raleigh
Carroll Everett Oakes (January, 1966)	Grifton
Robert Derring Phillips (January, 1966)	Grifton
Douglas Wilder Taylor (July, 1965)	Whitakers
Field Crops	
Carlton Earl Davis (July, 1965)	Goldsboro
Food Science	
Frank Charles Briner (July, 1965)	Kinston
Roy Eugene Carawan (January, 1966)	Greenville
James Wall Davis (January, 1966)	Winston-Salem
John Anthony DeLuise, Jr. (January, 1966)	Kinston
James Walter Harris (January, 1966)	North Wilkesboro
Horticultural Science	
Louis Douglas Jackson (August, 1965)	Wake Forest
William Angus Mahoney, Jr. (August, 1965)	Whiteville
Frederick Harding Ray (January, 1966)	Glen Rock, N. J.
Plant Protection	
James Theodore Fletcher (January, 1966)	Elizabeth City
William Wayne Pittard (January, 1966)	Oxford
Poultry Science	
Rickey Clifton Drum (August, 1965)	Hickory
Jimmy Rogers Smallwood (January, 1966)	Apex
Rural Sociology	
James Elmer Gill (January, 1966)	Henderson
Zoology	
Fred Willie Beckerdite, Jr. (January, 1966)	Winston-Salem
Claude Cecil Crawford, III (January, 1966)	Raleigh
Ben Everett Daughtridge (January, 1966)	Scotland Neck
William Daugherty Farrior, III (January, 1966)	Raleigh
Horace Stephen Gentle (January, 1966)	Kannapolis
George Harris Gilbert, Jr. (January, 1966)	Moyock
Lewis Reginald Goodwin (July, 1965)	Raleigh
James MacColon Guin (January, 1966)	Raeford
* John Adams Hamil (January, 1966)	Black Mountain
Michael Alan Hendrix (January, 1966)	Greensboro
Leslie Nathaniel Ipock, Jr. (January, 1966)	Mount Olive
Alan Lindsey Kyles (January, 1966)	Troutman
Michael Durant McKenzie (January, 1966)	Georgetown, S. C.
Warren Thomas Portwood, Jr. (August, 1965)	Raleigh
Robert Watkins Sanford (January, 1966)	Eahama
** Franklin Fielder Snelson, Jr. (July, 1965)	Richmond, Va.
Wilton Alexis Williams (January, 1966)	Monroe
Paul Ziglar (January, 1966)	Raleigh

* Honors ** High Honors



BACHELOR OF SCIENCE IN EDUCATION

Agricultural Education

Rom William Beaman, III (January, 1966)	Maury
Larry Thomas Beckham (January, 1966)	Henderson
John Robert Boyette (January, 1966)	Trenton
Harry Ray Bradshaw (January, 1966)	Wallace
Gary Allen Coble (January, 1966)	Aberdeen

Industrial Arts Education

Frederick Joseph Baars, Jr. (January, 1966)	Warsaw
Romulus Haywood Mason, Jr. (July, 1965)	Goldsboro
Kenneth Wager Matrone (August, 1965)	Raleigh
Hoke Smith Roberson, Jr. (January, 1966)	Windsor
James Evans Talton, Jr. (January, 1966)	Atlantic Beach

Industrial Education

Riley Oran Carroll (July, 1965)	Cary
*Jimmy Harry Rhea (August, 1965)	Canton
*Richard Lee Waldroup, Jr. (August, 1965)	Andrews

Mathematics Education

Margaret Perry Allen (January, 1966)	Garner
Robert Anthony Bransford, Jr. (January, 1966)	Greensboro
Robert Glenn Brock (January, 1966)	New Bern
Barry Eugene Burns (January, 1966)	Pittsboro
Sister Mary Janet Grisdale (January, 1966)	Charlotte
Thomas Fay Helton (August, 1965)	Ellenboro
Ernest Samuel Jordan (July, 1965)	Asheboro
*Allison Dwight Monroe (January, 1966)	Robbins
Margaret Flint Parker (January, 1966)	Raleigh
Grimes Richard Potts (January, 1966)	Lexington
**Mary Hunter Schaub (January, 1966)	Apex
John Leroy Taylor (January, 1966)	Conway

Science Education

Annette Patton Bingham (January, 1966)	Raleigh
Joseph Earl Godfrey, Jr. (January, 1966)	Durham
James Rodney McCurry (January, 1966)	Candler
Ronald Lloyd Poplin (January, 1966)	China Grove
Phyllis Ham Stephenson (January, 1966)	Raleigh
Edward Russell Thomas, II (January, 1966)	Farmville

BACHELOR OF SCIENCE IN INDUSTRIAL ARTS

William Thomas Brady (January, 1966)	Carthage
Luther Joyner Daughtry (January, 1966)	Conway
David Scott Fleming (January, 1966)	Cleveland

* Honors ** High Honors

Duff Gordon Freeman (January, 1966)	Jonesville
William Raymond Gegner (July, 1965)	Secaucus, N. J.
Benjamin Donald Hawks (January, 1966)	Chatham, Va.
Harvey Milton Helms, Jr. (July, 1965)	Albemarle
Frederick Jual Lingle, Jr. (July, 1965)	Raleigh
John Edward Long (January, 1966)	Asheville
Kenneth Lanier Moore (July, 1965)	Raleigh
James Stafford Parker (August, 1965)	Greensboro
William Eugene Ridge (January, 1966)	Asheboro
Donald Ross Rufty (January, 1966)	Taylorsville
Robert Willard Shelton (July, 1965)	Madison
Robert Warwick Taylor (January, 1966)	Lumberton
Russell von Hall Tucker (August, 1965)	Mount Airy
Everett Pinnix Walters (January, 1966)	Greensboro
Paul Harrington Wetmore, Jr. (January, 1966)	Raleigh
Hartwell Carroll Whittington (July, 1965)	Coats

BACHELOR OF SCIENCE IN RECREATION AND PARK ADMINISTRATION

Sherrill Pearson Burton (August, 1965)	Durham
Emmitt Lawrence Clary, Jr. (August, 1965)	Lawrenceville, Va.
Jack Daniels Dowdy (January, 1966)	Hillsborough
Peter Anthony Falzarano (August, 1965)	Stirling, N. J.
Roy Daniel Hincemon, Jr. (January, 1966)	Raleigh
Peggy Earle Hollingsworth (January, 1966)	Roseboro
Julian Tracey James (January, 1966)	Rocky Point
James Matthew Kennedy, III (January, 1966)	Raleigh
James Howard Knox (January, 1966)	Carolina Beach
Howard Kent Montgomery (January, 1966)	Albemarle
* Bobby Earl Mosley (January, 1966)	Raleigh
* James Ray Sellers (January, 1966)	Wingate
William Taylor Sullivan, III (August, 1965)	Statesville
Samuel Joseph Thomasson, III (January, 1966)	Fayetteville
Albert Green Wilder (August, 1965)	Greensboro
Michael Stephen Wise (January, 1966)	Greensboro

School of Engineering



BACHELOR OF SCIENCE IN AEROSPACE ENGINEERING

Allison Douglass Allison, II (January, 1966)	Raleigh
John Edward Bonds (July, 1965)	Burlington
Charles Douglas Cameron (January, 1966)	Cameron

* Honors

Albert Gwynne Cantrell (January, 1966)	Asheville
James Gaston England, Jr. (August, 1965)	Gastonia
William Jack Francis, Jr. (January, 1966)	Charlotte
Joseph Edward Garrett (January, 1966)	Hendersonville
Oscar Davis Lee, III (August, 1965)	Rocky Mount
Benjamin Victor May, Jr. (August, 1965)	Burlington
Wade Douglas Morris (July, 1965)	Wilson
Claude Edward Scott, III (July, 1965)	Winston-Salem
Michael Hunter Stenhouse (July, 1965)	Charlotte
Thomas Earl Twigg (August, 1965)	Raleigh
*Arthur LeRoy Wooten, Jr. (July, 1965)	Wilson

BACHELOR OF SCIENCE IN CERAMIC ENGINEERING

*David Ray Johnson (August, 1965)	Fayetteville
David Emmett Witter (January, 1966)	Raleigh

BACHELOR OF SCIENCE IN CHEMICAL ENGINEERING

David Hight Moore (July, 1965)	Asheville
James Ogilvie Smeaton, III (January, 1966)	Bloomfield, N. J.
Robert Wright Smith (January, 1966)	Ayden
Dennis Odell Spencer (January, 1966)	Hickory
Carl Eric Widen (July, 1965)	McKeesport, Penna.
Richard Alan Woppman (August, 1965)	Walworth, N. Y.

BACHELOR OF SCIENCE IN CIVIL ENGINEERING

David Edward Carter (August, 1965)	Lynchburg, Va.
Gene Bivens Cobb (January, 1966)	Wingate
Lloyd Alfred Cooke, Jr. (July, 1965)	Salisbury
Harold Lloyd Honbarrier, Jr. (July, 1965)	Kannapolis
Kenneth Edward Milam (August, 1965)	Burlington
Akram Murtada (August, 1965)	Damascus, Syria
Edwin Niven, III (January, 1966)	Monroe
Harold Melvin Steelman, Jr. (January, 1966)	Kinston

BACHELOR OF SCIENCE IN CIVIL ENGINEERING, CONSTRUCTION OPTION

Clyde Virgil Burr, Jr. (January, 1966)	Morehead City
James Donald Goins (July, 1965)	Burlington
Robert Patton Hopkins (January, 1966)	Raleigh
Herbert Adin Justice (January, 1966)	Spindale
Raymond Clifford Staton, Jr. (January, 1966)	Hendersonville
Philip Craig Stephens (January, 1966)	Rocky Mount
Robert Thomas Stimpson (July, 1965)	Winston-Salem
Harold Dean Tyson (August, 1965)	Waxhaw

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

Bruce Arnold Andersen (July, 1965)	Salisbury
Junius Turner Bryan (January, 1966)	Raleigh
Luther Alcorn Bennett, Jr. (August, 1965)	Greensboro
Robert Otto Brandt, Jr. (August, 1965)	Riegelwood
Thomas Egerton Capps (August, 1965)	Rocky Mount
*Charles Augustine Coffey, III (January, 1966)	Raleigh
Clark Edward Denise (January, 1966)	Raleigh

* Honors

*Michael Wayne Doss (January, 1966)	Winston-Salem
Edward Penrose Edgar (January, 1966)	Greenville, S. C.
*Robert Hugh Evans, Jr. (January, 1966)	Greenville
Ernest Leland Greene, Jr. (August, 1965)	Raleigh
**Robert Nelson Griswold, Jr. (January, 1966)	Cary
John Roger Grove (January, 1966)	Greensboro
Howard Vance Harrell, Jr. (January, 1966)	Oxford
Robert Edmond Hart (July, 1965)	Elizabeth City
Colon Wayne Haynes, Jr. (July, 1965)	High Point
Bruce Harden Kernodle (July, 1965)	Graham
Richard Earle Lane (July, 1965)	Raleigh
Harold Murchison Lanier (January, 1966)	Lillington
Claude Leroy Rackley, Jr. (August, 1965)	Clinton
Alexander Phipps Reddeck (July, 1965)	Charlotte
Henry Joseph Schott, Jr. (July, 1965)	Ayden
Woodie Clinton Smith (July, 1965)	Raleigh
James Edward Tyson, Jr. (August, 1965)	Raleigh
Carter Studdert Ward (January, 1966)	Whiteville
Glenn Odell Weaver (January, 1966)	Raleigh
Manuel Wong (August, 1965)	Habana, Cuba

BACHELOR OF SCIENCE IN ENGINEERING MECHANICS

Richard Fargo Snell (August, 1965)	Lumberton
Charles Gwen Stevenson (January, 1966)	Palmyra

BACHELOR OF SCIENCE IN FURNITURE MANUFACTURING AND MANAGEMENT

Gwyn Stanley Bard (January, 1966)	Jefferson
Jerry Webster Fouts (January, 1966)	Thomasville
Larry Eugene Kirkpatrick (January, 1966)	Fort Lauderdale, Fla.
David Lynn Shook (January, 1966)	Hickory
Marion George Workman, Jr. (January, 1966)	Mebane

BACHELOR OF SCIENCE IN GEOLOGICAL ENGINEERING

William Thomas Cocke, III (January, 1966)	St. Petersburg, Fla.
Braxton Bragg Melton (July, 1965)	Morgantown

BACHELOR OF SCIENCE IN INDUSTRIAL ENGINEERING

Olin Speigner Anderson, Jr. (January, 1966)	Lilesville
Judson Paul Essex, Jr. (July, 1965)	Raleigh
James Lee Martin (August, 1965)	Roxboro
Daniel Marion Underwood (August, 1965)	Burlington
John Charles Wofford (January, 1966)	Johnson City, Tenn.

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

Michael Edward Adams (August, 1965)	Yadkinville
Fitzhugh Lee Austin, III (August, 1965)	Charlotte
Tyndall Lee Baucom (July, 1965)	Marshallville
Coy Glen Buck, Jr. (July, 1965)	Stokes
Stephen Thomas Burch (August, 1965)	Stovall
Raymond John Burda (August, 1965)	McKeesport, Penna.
Daniel Lee Caldwell (January, 1966)	Charlotte
Elbert Mayo Corbett (July, 1965)	Jacksonville

* Honors ** High Honors

George Richard Dail (July, 1965)	Stantonsburg
Royden Eugene Daniels, Jr. (January, 1966)	Elizabeth City
James Richard Deaton (January, 1966)	Marion, Va.
Charles Henry Favor (August, 1965)	Charlotte
Kenneth Brock Griffin (August, 1965)	Granite Falls
Wallace Irving Guppton (January, 1966)	Henderson
Joseph Madison Hudson, Jr. (January, 1966)	Pantego
Richard Koarath Little (July, 1965)	Albemarle
Richard Beryl Minges, Jr. (August, 1965)	Fayetteville
Joseph Lewis Moore, Jr. (July, 1965)	Raleigh
Carvie S. Oldham, Jr. (July, 1965)	Durham
John Neely Park (July, 1965)	Rockingham
Joseph Fenner Peoples, Jr. (August, 1965)	Warrenton
Robert Hunter Pierce (August, 1965)	Garner
George Zell Porter (January, 1966)	Fort Lauderdale, Fla.
Donald Carroll Prevatte (August, 1965)	Lumberton
Ivey Martin Redmon, Jr. (July, 1965)	Kernersville
William Crockett Sale (August, 1965)	Ronda
Lionel James Shannon, Jr. (July, 1965)	Kitty Hawk
Jerry Wayne Sloop (August, 1965)	Kannapolis
Jan Bryan Smith (August, 1965)	Marshville
Edward Grady Snipes, Jr. (July, 1965)	Rockingham
Marvin Wilton Sparks, Jr. (August, 1965)	Cliffside
William Frank Webb (August, 1965)	Candler
Royal Lee Wells, Jr. (August, 1965)	Asheville
*James Lowell Yarborough (July, 1965)	Shelby
Samuel Remmel Young (August, 1965)	Roanoke Rapids

BACHELOR OF SCIENCE IN METALLURGICAL ENGINEERING

Walter Gerald Goodman (January, 1966)	Charlotte
Albert Gillette McDougald, Jr. (July, 1965)	Clarkton
George Elliott Yelverton, Jr. (July, 1965)	Eureka

BACHELOR OF SCIENCE IN NUCLEAR ENGINEERING

Albert Fitzhugh Gibson, III (July, 1965)	Wilmington
Ned Franklin Johnson (January, 1966)	Vale
James Franklin Walters (August, 1965)	Laurinburg
Larry Dean Warren (August, 1965)	Newton Grove

School of Forestry



BACHELOR OF SCIENCE IN FOREST MANAGEMENT

William McCollough Ardrey, Jr. (January, 1966)	Matthews
Colin Bagwell (January, 1966)	Knoxville, Tenn.
Gene Gardner Barnes (January, 1966)	Stedman

* Honors

Hersy Grant Basham, III (January, 1966)	Lynchburg, Va.
John Ira Brake, Jr. (January, 1966)	Rocky Mount
Gerald Reaben Brown (January, 1966)	Asheville
Ricardo Calix Pizatti (January, 1966)	La Ceiba, Honduras, C. A.
Robert Arnold Cathey (July, 1965)	Canton
William George Chandler (January, 1966)	Arlington, Va.
David DeVaney Chapman (January, 1966)	Arlington, Va.
Reagan Hamilton Fox, III (August, 1965)	Raleigh
Roger Alan Russell (August, 1965)	Alexandria, Va.
David Wayne Shepherd (January, 1966)	Salisbury
Joseph Milton Spencer, Jr. (January, 1966)	Charlotte
Eugene McCulloch Tate (August, 1965)	Wilmington
Robert Keith Ward (January, 1966)	High Point

BACHELOR OF SCIENCE IN PULP AND PAPER TECHNOLOGY

William Earl Crossland (January, 1966)	Raleigh
William Howard Langley (August, 1965)	Asheville
Ralph Keith Puckett (July, 1965)	Mount Olive
Thomas Frank Stroup (August, 1965)	Brevard

BACHELOR OF SCIENCE IN WOOD TECHNOLOGY

Russell Ayer Parham (January, 1966)	Raleigh
David Peter Smith (January, 1966)	White Plains, N. Y.
William Eddie Tice (August, 1965)	Durham

School of Liberal Arts



BACHELOR OF ARTS

William Hinton Wilder Anderson, Jr. (August, 1965)	Raleigh
Herbert Emerson Atkinson, Jr. (August, 1965)	Raleigh
**Joanna Barkalow (August, 1965)	Raleigh
Timothy Lassiter Brannan, Jr. (August, 1965)	Raleigh
Theodore Judson Chappell, Jr. (January, 1966)	Raleigh
Alan Kenneth Charin (August, 1965)	South Orange, N. J.
Annetta Jones Cobb (August, 1965)	Raleigh
Hugh Dalton Cox, Jr. (January, 1966)	Raleigh
Robert Guy Floyd, Jr. (July, 1965)	Roanoke Rapids
Robert Glade Goodman (January, 1966)	Norwood
Howerton Gowen, Jr. (January, 1966)	Roanoke Rapids
Michael Forrest Gray (August, 1965)	Wilmington
George Howard Hall, III (July, 1965)	Henderson
Ladson Frederick Hart (January, 1966)	Brevard

** High Honors

* Robert Sterling Holmes (January, 1966)	Cambridge, N. Y.
Harvey McCall Hudgins (January, 1966)	Asheville
Horace Thompson King, III (July, 1965)	Wilmington
Lennox Hubbard Lindsay, III (January, 1966)	Hendersonville
Donald William Mackland (August, 1965)	Raleigh
James Goodman Meares (August, 1965)	Fairmont
William Francis Mullins, Jr. (August, 1965)	Short Hills, N. J.
Stephen Wilson Outterbridge (August, 1965)	Raleigh
* Cleveland Franklin Pinnix, III (January, 1966)	Asheville
Jean Ramey Prevatte (August, 1965)	Lumberton
James Grant Razor (January, 1966)	Raleigh
* Sharon Jadee Sandling (August, 1965)	Raleigh
Herman Bernard Shubert (January, 1966)	Raleigh
Paul Junior Snyder (January, 1966)	Chapel Hill
Michael Ervin Taylor (August, 1965)	Charlotte
Michael Morris Thompson (August, 1965)	Greensboro
James Edwin Torbet, III (January, 1966)	Charlotte
Clyde Neil Upchurch (August, 1965)	Raleigh
Jonathan Atlee Vickroy (January, 1966)	Raleigh
Charles Diman Wilson (August, 1965)	Charlotte
Woodrow Ozdell Wilson, Jr. (January, 1966)	Raleigh
Robert Sterling Youngman (January, 1966)	New York, N. Y.

BACHELOR OF SCIENCE

Tod Edward Huffman (August, 1965)	Hickory
James Murvin Huntsman, III (January, 1966)	Amarillo, Texas
John Paul Poisson (July, 1965)	Wilmington
John Edwin Rose, Jr. (January, 1966)	Charlotte
Robert Harold Thorn (July, 1965)	Raleigh
Martin Wade Weeks, Jr. (January, 1966)	Mount Olive
William Vogler White (January, 1966)	Winston-Salem
Joseph Fred Wilson (January, 1966)	Charlotte

School of Physical Sciences and Applied Mathematics



BACHELOR OF SCIENCE IN APPLIED MATHEMATICS

Jack Lynn Adams (August, 1965)	Fort Worth, Texas
Douglas Burnette Blakeley (January, 1966)	Winston-Salem
George Venable Boyd, III (August, 1965)	Henderson
Mario Enrique Calderon (August, 1965)	San Salvador, El Salvador
Philip Breckenridge Cerveney (August, 1965)	Cleveland Heights, Ohio

* Honors

*William Lucas Darracott (July, 1965)	Raleigh
*Michael Wayne Doss (January, 1966)	Winston-Salem
David Martin Goddard (July, 1965)	Raleigh
Don Wayne Green (January, 1966)	Coco Solo, Canal Zone
Billie Wall Jones (July, 1965)	Kings Mountain
William Carey Kearney (August, 1965)	Henderson
Robert Charles Middour, Jr. (July, 1965)	Durham
James Robert Newell (January, 1966)	Rocky Mount
Joseph Curtis Pounders, Jr. (July, 1965)	Shelby
Edgar Ernest Powell, III (January, 1966)	Clemmons
Joan Lorraine Stredler (July, 1965)	Raleigh
Gerald Dean Stocks (August, 1965)	Raleigh
William Sidney Strange (August, 1965)	Greensboro
*Charles Cline Turner, Jr. (January, 1966)	Newton
Paul Franklin Warnock (August, 1965)	Gastonia
Alvin Clay Watlington, Jr. (January, 1966)	Reidsville
William Louis Wetzell, III (August, 1965)	Gastonia
*Barry Baxter White (July, 1965)	Charlotte

BACHELOR OF SCIENCE IN CHEMISTRY

*Rodrigo Fernandez D. (July, 1965)	Miami, Fla.
Robert Paul Hill (July, 1965)	Shelby
James Romulus Storey (August, 1965)	Durham
Juan Miguel Wong (August, 1965)	Habana, Cuba

BACHELOR OF SCIENCE IN EXPERIMENTAL STATISTICS

Lenwood Earl Dennis (January, 1966)	Durham
Roger Wyatt McDaniel (August, 1965)	Kinston
Robert Wordell Miller (January, 1966)	Great Neck, N. Y.
William Johnston Rose (August, 1965)	Littleton
David Heath Stuart (July, 1965)	Winston-Salem
James Albert Thoroughgood (July, 1965)	Raleigh

BACHELOR OF SCIENCE IN PHYSICS

George Henderson Campbell, Jr. (August, 1965)	Murfreesboro
Freddy Alonzo Hewitt (July, 1965)	Newton
*Lewis Richard Miller (January, 1966)	Carthage
Francis Johnstone Murdoch (January, 1966)	Charlotte

School of Textiles



BACHELOR OF SCIENCE IN TEXTILE CHEMISTRY

Sidney Thomas Isler (January, 1966)	Goldsboro
Lynda Louise Smith (July, 1965)	Mount Holly
Gerry Francis Stowe (August, 1965)	Kannapolis

* Honors

BACHELOR OF SCIENCE IN TEXTILE TECHNOLOGY

James Wyman Baker (July, 1965)	Wilmington
John Gayle Barkley (January, 1966)	Whiteville
Robert Lester Beal, Jr. (January, 1966)	Lincolnton
Robert Adolphus Bell (January, 1966)	Goldsboro
M. Chandra Bharathi (January, 1966)	Coimbatore, Madras, India
*Abilio Da Silva Pinto Bittencourt (August, 1965)	Salvador, Bahia, Brasil
Bobby Gene Bizzell (January, 1966)	Raleigh
Felix Rene Blangey (January, 1966)	Zurich, Switzerland
Steven Kelly Bordeaux (January, 1966)	Ingold
King Oscar Bostrom (July, 1965)	Charlotte
Robert Duca Britton (January, 1966)	Siler City
Duncan McCowen Burnet (July, 1965)	Greensboro
Thomas Blake Camper (January, 1966)	Virginia Beach, Va.
Harry James Carter (July, 1965)	Greensboro
Charlie Jones Clontz (January, 1966)	Kings Mountain
James Thomas Cox (January, 1966)	Asheboro
Munir Bharatkumar Dalal (July, 1965)	Ahmedabad, India
*Bobby Nelson Dickerson (January, 1966)	Oxford
Jorman Wade Fields (August, 1965)	Fayetteville
Marvin Joseph Hamer, Jr. (August, 1965)	Wadesboro
Donald Everett Hamilton, Jr. (January, 1966)	Charlotte
Thomas Brantley Hardage (January, 1966)	Norlina
Stephen James Jefferson (July, 1965)	Kinston
Kenneth Lee Johnson (August, 1965)	Marion
Larry Wayne Kenyon (July, 1965)	Stedman
Robert Earl Lane (January, 1966)	Fort Barnwell
Joe Dean McCall (July, 1965)	Fayetteville
Ghanshyam Swarup Malhotra (January, 1966)	Bombay, India
Brantley Allen Marsh (January, 1966)	Raleigh
Gordon Graham Matheson, Jr. (August, 1965)	Sunbury, Penna.
Nissim Mayo, Jr. (January, 1966)	Lima, Peru
James Edward Palmer (August, 1965)	Franklin
William Andrew Jackson Peacock, III (January, 1966)	Sanford
Albert Francis Perrou, Jr. (January, 1966)	Valdese
Thomas Henry Redding, Jr. (January, 1966)	Asheboro
Charles William Reed (August, 1965)	Winston-Salem
Billy McCoy Rose (July, 1963)	Pantego
Jerry Dean Rowland (January, 1966)	Marion
James Vance Snipes, Jr. (January, 1966)	Haw River
Ralph Lawrence Suggs (January, 1966)	Gastonia
Harold Edgar Thompson (August, 1965)	Spray
James Pinckney Thompson, III (July, 1965)	Fairmont
Wester Wiley White (January, 1966)	Greensboro
Daniel Martin Wiseman (August, 1965)	Statesville
Larry Gerald Woody (January, 1966)	Marion
Frank Hadley Wright, Jr. (August, 1965)	Ramseur
Farouk Mohamed Yousef (January, 1966)	Alexandria, Egypt

* Honors

Professional Degrees

Civil Engineer, Soil Mechanics and Foundation Option

Charles Steven Deal (August, 1965)Landis

Civil Engineer, Transportation Option

Woodrow Ozdell Wilson (January, 1966)Raleigh

Master's Degrees



MASTER OF AGRICULTURE

German De Leon Monteza (January, 1966)Los Santos, Los Santos
Kian Djiang Kwik (August, 1965)Bogor, Indonesia
Sophon Sinthuprama (January, 1966)Bangkok, Thailand
Walter Glenn Toomey (January, 1966)Cary

MASTER OF APPLIED MATHEMATICS

John Mills Marcum (January, 1966)Berea, Kentucky
Thomas Edgar Pritchard (July, 1965)Oak Ridge, Tenn.
Floyd Samuel Shipman (August, 1965)Newport News, Va.
Orasri Sukanich (August, 1965)Bangkok, Thailand

MASTER OF EDUCATION

Agricultural Education

Milas Lee Green (July, 1965)Burlington
Ralph Eugene Sadler (July, 1965)Yanceyville

Industrial Arts

Kelly Raygene Crump (January, 1966)Lenior

Industrial Education

Richard Bacher Engard (July, 1965)Raleigh
William Arthur Martin (July, 1965)Sanford
Graham Wayne Merritt, Jr. (August, 1965)Dover
Charles Floyd Ward (July, 1965)Whiteville

Occupational Information and Guidance

John Thomas Kanipe, Jr. (January, 1966)Fair Bluff

MASTER OF ELECTRICAL ENGINEERING

James William Harrison, Jr. (January, 1966)Pensacola, Fla.

George Porter Jordan, Jr. (August, 1965)	Mayfield, Ky.
Chester DeWitt Loggins, Jr. (January, 1966)	Winston-Salem
Thomas Kreske Mills (January, 1966)	Arlington, Va.
Gordon Lindsay Perkins (July, 1965)	Winston-Salem
Prem Puri (January, 1966)	Patiala, Pun Jab, India
George Saad Simon (January, 1966)	Gastonia
Edwin Leo Tucker (August, 1965)	Norfolk, Va.
Francis Walter Williams (January, 1966)	Winston-Salem
Richard Planck Williams (January, 1966)	Fayetteville

MASTER OF EXPERIMENTAL STATISTICS

Howard B. Christensen (January, 1966)	Payson, Utah
Michael Coh Khen Hing (January, 1966)	Kuala Lumpur, Malaysia
Ramon Salvador Gomez (January, 1966)	Raleigh
Ashiq Hussain (August, 1965)	Peshawar, Pakistan
Songsri Phithayaratana (August, 1965)	Bangkok, Thailand

MASTER OF EXTENSION EDUCATION

Woodrow Harmon Sears, Jr. (August, 1965)	Raleigh
Estelle Edwards White (August, 1965)	Weldon

MASTER OF FORESTRY

Arnold Johannes Ahlback (August, 1965)	Stockholm, Sweden
Muhammad Azam Malik (January, 1966)	Shahpur Sadar, West Pakistan
Chulam Qadir Wani (July, 1965)	Kashmir, India

MASTER OF TEXTILE TECHNOLOGY

Jan Clevenger Cates (July, 1965)	Burlington
Peter Andrew Flood (January, 1966)	Philadelphia, Penna.

MASTER OF WOOD TECHNOLOGY

Hong Man Lee (August, 1965)	Taipei, Taiwan
Earl Richard Priegel (January, 1966)	Atlanta, Ga.
Syed Abdur Rahman (January, 1966)	Jamalpur, East Pakistan

MASTER OF SCIENCE

Agricultural Economics

Carlos Arturo Baanante (January, 1966)	Trujillo, Peru
Sterling Henry Stipe, Jr. (January, 1966)	Carrollton, Ga.

Agricultural Engineering

Jogendra Singh Khalsa (July, 1965)	Agra, India
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Animal Ecology

Carroll Lloyd Cordes (August, 1965)	Clute, Texas
Richard Thomas Huber (January, 1966)	Raleigh
Garland Burnis Pardue (January, 1966)	Elkin
Jerry Lee West (July, 1965)	Boone

Animal Science

Guillermo Gomez Garcia (January, 1966)	Lima, Peru
Bernard Ray Haskins (January, 1966)	Lakeland, Fla.
Douglas Bradley Henson (August, 1965)	Raleigh
John Wilmer Parker (January, 1966)	Rich Square

Leland Dennis Rowan (August, 1965)	Gap Mills, West Va.
Juan Jose Salazar (January, 1966)	Bogota, Colombia, S. A.
Tipton Ransom Tyler (August, 1965)	Milwaukee, Wis.
Biological and Agricultural Engineering	
Rex Lee Clark (January, 1966)	Springdale, Ark.
George Wilbur Hawkins, Jr. (January, 1966)	Durham
Ceramic Engineering	
Stephen Wallace Derbyshire (July, 1965)	Raleigh
Chemistry	
Roy Phillip DeMott (July, 1965)	Moultrie, Ga.
Halit Zafer Dokuzoguz (August, 1965)	Ankara, Turkey
Charles Wayne Prather (August, 1965)	Belmont
Glenn LeRoy Roof (January, 1966)	Ridgway, Penna.
Civil Engineering	
James Stephen Browning (January, 1966)	Salisbury
Joseph Martin DeBruhl (July, 1965)	Charlotte
Glenn Elliott Futrell (July, 1965)	Goldsboro
Clay Edward Sams (January, 1966)	Franklin
John Hamilton Steele (January, 1966)	Lenoir
Crop Science	
John Austin Keaton (January, 1966)	Elizabeth City
Electrical Engineering	
William Aubrey Brinsfield (July, 1965)	Madison, N. J.
Goodwyn George Reeves (August, 1965)	Raleigh
Engineering Mechanics	
Henry Wayland Blake (January, 1966)	Winston-Salem
Jesse Belmont Perry (January, 1966)	Hertford
Entomology	
James Fraser Cornell, Jr. (July, 1965)	Charlotte
Donald James Farish (January, 1966)	South Burnaby, Canada
James Floyd Greene, Jr. (January, 1966)	Raleigh
Hazel Benton Matthews (July, 1965)	Hertford
Extension Education	
Ronald Wilson Shearon (August, 1965)	Rolesville
Food Science	
Tsann Ming Chu (July, 1965)	Kaohsiung, Formosa, Taiwan
James Edward David (January, 1966)	Snow Hill
Robert Jackson Drye, Jr. (January, 1966)	Charlotte
Stephen Michael Kelly (January, 1966)	Vienna, Ga.
Forest Management	
(JANUARY, 1966)	
Mulja Muljadi Bratamihardja (July, 1965)	Bogor, Indonesia
James Hall Roberds (July, 1965)	Savannah, Ga.
Ronald Arthur Woessner (January, 1966)	Raleigh
Genetics	
Louis Glatzer (August, 1965)	Palo Alto, Cal.
Pomeroy Sinnock (August, 1965)	New Castle, Ind.
Diana Burke Smith (January, 1966)	Blaine, Wash.
David Allen Stock (January, 1966)	Elyria, Ohio

Industrial Education

David Lee Larimore (January, 1966)Winston-Salem

Industrial Engineering

William Douglas Cooper (January, 1966)Marion
 Joginder Lall (August, 1965)Panjab, India
 William Earl Poore, III (August, 1965)Chicago, Ill.
 John Voorhis Soden (January, 1966)Raleigh

Industrial Psychology

Chris Ching-Yang Hsu (January, 1966)Taipei, Taiwan
 Robert Markman (July, 1965)Brooklyn, N. Y.
 Roger Neal Moss (August, 1965)New York City, N. Y.
 Charles Milton Williams (July, 1965)Philadelphia, Penna.

Mathematics Education

Werner Rudolf Ketelhohn (January, 1966)Managua, Nicaragua, C. A.

Mechanical Engineering

Tso-Shong Chen (August, 1965)Tainan, Taiwan
 James William Grant, Jr. (August, 1965)Charlotte
 Chung Ping Han (January, 1966)Taipei, Taiwan
 Michael Hilton Jones (January, 1966)High Point
 Chittaranjan Narandas Nirmel (July, 1965)London, England
 Donald Reece Schort, Jr. (January, 1966)Raleigh
 Wilson Alexander Sherrill, II (January, 1966)Terrell

Metallurgical Engineering

Roger Alan Jones (January, 1966)Reidsville
 Gary Singleton Sheffield (January, 1966)Greensboro

Microbiology

Larry Gene Leslie (August, 1965)Muncie, Ind.

Nuclear Engineering

James Calvin Brittingham (January, 1966)Hamlet
 William Edward Horne (July, 1965)Ellenboro
 Robert Leslie Mayton, Jr. (August, 1965)Raleigh
 Kojiro Nishina (January, 1966)Tokyo, Japan
 Lee Roy Nunn, Jr. (July, 1965)Park, Ky.
 Terry Nelson Phillips (January, 1966)Winston-Salem
 David Alexander Sharp (January, 1966)Sevierville, Tenn.
 William Clyde Windley, Jr. (January, 1966)Williamston

Occupational Information and Guidance

Eleanor Brooks Battiste (January, 1966)Raleigh
 Arletha Greene Freeman (January, 1966)Angier
 Stephen Robert Harris (August, 1965)Greensboro
 Eleanor Heinz Lammi (January, 1966)Raleigh

Physics

Harbans Lal Babbar (August, 1965)Rohtak, Punjab, India
 James Hugh Dobkins (July, 1965)Orange, Cal.
 William Arthur McClenny (August, 1965)Lucama
 George Davis Oliver, Jr. (January, 1966)Texas City, Texas
 Alexander Keir Rogers (August, 1965)Ridgecrest, Cal.
 William Morgan Toney (July, 1965)El Dorado, Ark.
 Robert Henry Wakefield, Jr. (August, 1965)Salisbury
 John William White (January, 1966)Bryan, Ohio

Plant Pathology

Mary Alice Stevens (July, 1965)Swannanoa

Poultry Science

- Guillermo Santiago Burga (January, 1966)Lima, Peru
Vivian Lee Jones (January, 1966)High Shoals, Ga.

Rural Sociology

- Lillian Beatrice Johnson (August, 1965)Raleigh
John Franklin Speight (January, 1966)Winston-Salem
Adang Wirapradja (July, 1965)Bogor, Indonesia

Soil Science

- German Segura (August, 1965)Estado Lara, Venezuela
Goeswono Soepardi (January, 1966)Bogor, Indonesia

Textile Chemistry

- Sarwan Kumar Kakar (January, 1966)New Delhi, India

Textile Technology

- Tadano Asano (January, 1966)Otsu, Japan
Mohamed Ibrahim Khalil (January, 1966)Alexandria, Egypt
Necati Orgur (July, 1965)Nazilli, Turkey
Mendel Leno Robinson, Jr. (July, 1965)Raleigh
Noel Milton Smith (July, 1965)Houston, Texas
Mohamed Abdel-Hamid Tharwat (January, 1966)Alexandria, Egypt

Wood Technology

- Michael Edward Hittmeier (January, 1966)Litchfield, Ill.

Doctor of Philosophy Degrees

- John Gilbert Alphin, Biological and Agricultural Engineering, (January, 1966)
Dissertation: Some Investigations Concerning the Influence of the Curing Process on the Death Time of Tobacco Tissue. (Under the direction of William Hugh Johnson and Francis Jefferson Hassler).
- Kwanchai Assakul, Experimental Statistics, (January, 1966)
Dissertation: Testing Hypotheses with Categorical Data Subject to Misclassification. (Under the direction of Charles Harry Proctor).
- Rolin Farrar Barrett, Mechanical Engineering, (August, 1965)
Dissertation: A Study of the Laminar Boundary Layer Flow of a Reacting Gas. (Under the direction of Robert Wesley Truitt).
- Wallace Kenneth Boutwell, Jr., Economics, (January, 1966)
Dissertation: Estimation of Consumer Demand Equations from Ordinally Separable Utility Functions. (Under the direction of Richard Lee Simmons).
- Joseph Greene Boyette, Animal Ecology, (January, 1966)
Dissertation: A Behavioral Study of the Pine Mouse, *Pitymys pinetorum pinetorum* (Le Conte). (Under the direction of Thomas Lavelle Quay).
- Stephen Joshua Brannen, Economics, (January, 1966)
Dissertation: Capital Structure and Productivity on Dairy-Type Family Farms in the Piedmont Area of Georgia. (Under the direction of William Douglas Toussaint).
- Thomas Dean Burkhalter, Botany, (January, 1966)
Dissertation: Physiological Factors in Nicotine Accumulation. (Under the direction of Joseph Arthur Weybrew).
- Don Marvin Bylund, Chemical Engineering, (August, 1965)
Dissertation: Low Pressure Steam-Water Flow in a Heated Vertical Channel. (Under the direction of James K. Ferrell).
- Jack Canterbury, Mechanical Engineering, (January, 1966)
Dissertation: A Theoretical Model for Continuum Flow Past a Flat-Faced Impact Tube at Low Reynolds Numbers. (Under the direction of James C. Williams, III).
- Albert Carnesale, Nuclear Engineering, (January, 1966)
Dissertation: Stability of Two-Phase Flow in Heated Parallel Channels. (Under the direction of James K. Ferrell).
- Dong Myung Choi, Mineral Industries, (August, 1965)
Dissertation: Flow and Fracture of Hot-Pressed Polycrystalline Spinel at Elevated Temperatures. (Under the direction of Hayne Palmour, III).
- Ying Huang Chuang, Electrical Engineering, (January, 1966)
Dissertation: Neuron Net Analysis—Automata Approach. (Under the direction of Norman R. Bell and Arthur R. Eckels).
- Frederick Thomas Corbin, Crop Science, (August, 1965)
Dissertation: The Influence of pH on the Detoxication of Herbicides in Soil. (Under the direction of Robert Phillip Upchurch).
- Marc Augustin Dalebroux, Genetics, (July, 1965)
Dissertation: Genetic Variability Induced by Ionizing Radiations in Quantitative Traits of *Habrobracon*. (Under the direction of Ken-ichi Kojima).

- Romulo Gelbolingo Davide, Plant Pathology, (January, 1966)
 Dissertation: Influence of the Environment on Development and Sex Differentiation of *Meloidogyne incognita* and *M. javanica*. (Under the direction of Anastasios Christos Triantaphyllou).
- Moses Paul Davis, Jr., Mineral Industries, (July, 1965)
 Dissertation: High Temperature Mechanical Behavior of Pressure Sintered Alumina Bicrystals. (Under the direction of Hayne Palmour, III).
- Gary Eugene Dillard, Botany, (January, 1966)
 Dissertation: A Floristic and Ecological Study of Benthic Algae in Two North Carolina Streams. (Under the direction of Larry Alston Whitford).
- Bobby Ross Eddleman, Economics, (January, 1966)
 Dissertation: The Rate of Relocation as a Determinant of Southern Area Industrial Growth. (Under the direction of George Stanford Tolley).
- Robert Eugene Eplee, Crop Science, (January, 1966)
 Dissertation: Effect of Shading and Temperature on the Loss of Herbicidal Phytotoxicity. (Under the direction of Glenn Charles Klingman).
- Arsev Husnu Eraslan, Mechanical Engineering, (August, 1965)
 Dissertation: On Magneto-hydrodynamic Flows in Closed Regions with Complete Symmetry About an Axis. (Under the direction of Robert Wesley Truitt).
- Richard Ray Frahm, Genetics, (August, 1965)
 Dissertation: Comparison of Response to Selection for Body Weight under Divergent Larval Density Conditions in *Drosophila pseudoobscura*. (Under the direction of Ken-ichi Kojima).
- Edward Ronald French, Plant Pathology, (January, 1966)
 Dissertation: Factors Affecting Bud-Cell and Spore Production of *Fusarium oxysporum* f. *bataias* and the Standardization of Inoculum for Screening Sweetpotatoes for Wilt Resistance. (Under the direction of Lowell W. Nielsen).
- John David Fulton, Mathematics, (July, 1965)
 Dissertation: Tactical Configurations Induced by Matrices Over the Galois Domain for the Integer m . (Under the direction of Jack Levine).
- Hassan El-Sayed Galal, Crop Science, (August, 1965)
 Dissertation: Manifestation of Heterosis in Cotton. (Under the direction of Philip Arthur Miller).
- Erling Edward Gamble, Soil Science, (January, 1966)
 Dissertation: Origin and Morphogenetic Relations of Sandy Surficial Horizons of Upper Coastal Plain Soils of North Carolina. (Under the direction of Ralph Joseph McCracken).
- Atindramohan Gun, Experimental Statistics, (July, 1965)
 Dissertation: The Use of a Preliminary Test for Interactions in the Estimation of Factorial Means. (Under the direction of Hubertus Robert van der Vaart).
- James Riley Hill, Jr., Animal Science, (August, 1965)
 Dissertation: The Inheritance of Maternal Effects in Beef Cattle. (Under the direction of James Edward Legates).
- Alan Baker Humphrey, Genetics, (January, 1966)
 Dissertation: Effect of Disturbing Internal Balance by Random Intercrossing in *Nicotiana tabacum*. (Under the direction of Dale Frederick Matzinger).

- Archie Doyle Johnson, Animal Science, (August, 1965)
 Dissertation: Current Measurement and Causes of Change in Dairy Herd Reproductive Rate. (Under the direction of Lester Curtiss Ulberg).
- Paul Benjamin Kanofsky, Experimental Statistics, (August, 1965)
 Dissertation: Parametric Confidence Bands on Cumulative Distribution Functions. (Under the direction of Norman Lloyd Johnson).
- James Henry Lane, Civil Engineering, (August, 1965)
 Dissertation: Bar Forces in Latticed Spherical Domes by Means of the Membrane Analogy for Shells. (Under the direction of Mehmet Ensar Uyanik).
- James Chia-Hung Lin, Genetics, (August, 1965)
 Dissertation: The Genetic and Physiological Diversification of Two Related Species of Parasitic Wasps, *Habrobracon juglandis* Ashmead and *Habrobracon serinopae* Ramkr. (Under the direction of Daniel Swartwood Grosch).
- Robert Thayer Liner, Jr., Nuclear Engineering, (August, 1965)
 Dissertation: Time Dependent Neutron Diffusion Theory of Plane Heterogeneous Systems. (Under the direction of Raymond Leroy Murray).
- Robert Douglas McBrayer, Mineral Industries, (August, 1965)
 Dissertation: High Temperature Deformation of Alumina-Rich Spinel Single Crystals in Compression. (Under the direction of Hayne Palmour, III).
- William Fred McClure, Biological and Agricultural Engineering, (January, 1966)
 Dissertation: Spectrofluorometric Analysis of Tobacco. (Under the direction of Francis J. Hassler and William H. Johnson).
- Richard Cole Manning, Economics, (August, 1965)
 Dissertation: An Econometric Estimation of the Distributional Impact of the Tobacco Support Program. (Under the direction of James Arthur Seagraves).
- Ralph Kenneth Matthes, Jr., Biological and Agricultural Engineering, (January, 1966)
 Dissertation: Steady-State Heat and Moisture Transfer in an Unsaturated Soil. (Under the direction of Henry Dittimus Bowen).
- Pravinchandra Madhavalal Mehta, Soil Science, (January, 1966)
 Dissertation: Phosphorus Transformations Associated with Soil Organic Matter. (Under the direction of Charles Bingham Davey).
- Carl Maust Metzler, Experimental Statistics, (January, 1966)
 Dissertation: Estimation of Transport Rates by Radioisotope Studies of Non-steady-state Systems. (Under the direction of Henry Laurence Lucas, Jr.).
- Lawrence Albright Mink, Physics, (January, 1966)
 Dissertation: A Statistical Method for Investigation of Delayed Triple Nuclear Cascades. (Under the direction of Wesley O. Doggett).
- Peter Lee Minotti, Soil Science, (January, 1966)
 Dissertation: Investigations of the Absorption and Reduction of Nitrate in Wheat Seedlings. (Under the direction of William A. Jackson).
- Wiley Dennis Nettleton, Soil Science, (January, 1966)
 Dissertation: Pedogenesis of Certain Aquatic and Aquic Normodultic Soils of the North Carolina Coastal Plain. (Under the direction of Ralph Joseph McCracken).
- Walid Abdul-Hamid Nuri, Experimental Statistics, (August, 1965)
 Dissertation: Fourier Methods in the Study of Variance Fluctuations in Time Series Analysis. (Under the direction of Laurence Jay Herbst).

- Allen Ray Overman, Biological and Agricultural Engineering, (August, 1965)
 Dissertation: Net Molecular Transfer in a Capillary with Diffusion and Laminar Flow. (Under the Direction of Henry Dittimus Bowen).
- Jackie Lee Perkins, Animal Science, (August, 1965)
 Dissertation: The Effects of Stage of Estrous Cycle and Exogenous Hormones upon the Volume and Composition of Fluids from the Reproductive Tract of Ewes. (Under the direction of Elliott Roy Barrick).
 Claude Ghislain Poncelet, Physics, (August, 1965)
 Dissertation: Burnup Physics of Heterogeneous Reactor Lattices. (Under the direction of Raymond Leroy Murray).
- Laurence Ernest Poteat, Ceramic Engineering, (January, 1966)
 Dissertation: Deformation Mechanisms in Thoria at Elevated Temperatures. (Under the Direction of William Wurth Kriegel).
- Wilson Butler Riggan, Economics, (January, 1966)
 Dissertation: Demand for Florida Oranges. (Under the direction of Richard Adams King).
- Allie Maitland Smith, Mechanical Engineering, (January, 1966)
 Dissertation: Nongrey Radiation Effects on the Boundary Layer of an Absorbing Gas over a Flat Plate. (Under the direction of Hassan Ahmed Hassan).
- Roger Horace Smith, Genetics, (August, 1965)
 Dissertation: A Comparison of Effects of Three Different Nucleic Acid Antagonists on Metaphase I and Prophase I Oocytes of *Habrobracon*. (Under the direction of Daniel Swartwood Grosch).
- Raul Saul Soikes, Animal Science, (July, 1965)
 Dissertation: Studies in the Supplementation and Utilization of Coastal Bermudagrass. (Under the direction of Milton Bee Wise).
- Carroll Junior Southards, Plant Pathology, (July, 1965)
 Dissertation: Host-Parasite Relations of the Lesion Nematodes, *Pratylenchus brachyurus*, *P. zeae*, and *P. scribneri*, and Flue-Cured Tobacco. (Under the direction of Charles Joseph Nusbaum).
- Edward William Stoller, Soil Science, (January, 1966)
 Dissertation: The Effect of Boron Nutrition on Growth and Protein and Nucleic Acid Metabolism in Peanut Plants. (Under the direction of Preston Harding Reid and William Addison Jackson).
- Robert Evan Stucker, Genetics, (January, 1966)
 Dissertation: The Problem of Estimating Genetic Parameters in a Radiated Autogamous Population: An Experiment with Peanuts (*Arachis hypogaea* L.). (Under the direction of Donald Allen Emery and Walton Carlyle Gregory).
- Kingsley Arter Taft, Jr., Forestry, (January, 1966)
 Dissertation: An Investigation of the Genetics of Seedling Characteristics of Yellow-poplar (*Liriodendron tulipifera* L.) by Means of a Diallel Crossing Scheme. (Under the direction of Bruce John Zobel).
- Fred William Taylor, Wood Technology, (January, 1966)
 Dissertation: A Study of the Natural Variation of Certain Properties of the Wood of Yellow-Poplar (*Liriodendron tulipifera* L.) within Trees, between Trees, and between Geographic Areas. (Under the direction of Clarence Arthur Hart and Bruce John Zobel).
- David Owen Yandle, Experimental Statistics, (January, 1966)
 Dissertation: A Test of Significance for Comparing Two Different Systems of Stratifying the Same Population. (Under the direction of Robert John Hader).

Recipients of Honorary Degrees

JAMES GORDON HANES, JR.

As one of the nation's most successful industrialists, who is at the same time an imaginative and a vigorous humanitarian, an enthusiastic patron of the arts, and a powerful liberal force in his state legislature, JAMES GORDON HANES, JR., has added new luster to an old and highly respected North Carolina family. His activities in civic, charitable, and religious organizations in his native Winston-Salem have been as varied as they have been important. His leadership in the great industry that he now heads has led to numerous awards for service to the literary, historical, and general cultural advancement of its community, for outstanding service to youth through music, as well as for excellence in exports—the last named meriting the "E" Award of the President of the United States. His legislative service has produced valuable contributions in the fields of local government, penal institutions, public health, and public welfare. To this outstanding citizen of the state and nation, North Carolina State University is proud to award the degree of Doctor of Humanities *honoris causa*.

JAMES HERBERT JENSEN

At every stage of his remarkable career, from his beginnings as a fundamental virologist to his development as a distinguished plant pathologist to his emergence as an educational administrator of first rank, JAMES HERBERT JENSEN has proved to be a man of phenomenal versatility and high competence. Wherever he has found himself—whether as in his early days in Cuba and Puerto Rico, or later in Nebraska, in North Carolina and Iowa, and, at present, in Oregon—his record has borne the imprint of his brilliant mind, his impeccable character, and his warm and vigorous personality. His particular contribution to this University in building, during his tenure here, a highly respected department of plant pathology is only one of his major contributions to the biological sciences in general, which he has served both regionally and nationally in many advisory and administrative functions, fostering important scientific research and promoting the advancement of science education. Upon a scientist of vision and imagination, upon an educator of high ideals and purposes, and upon an administrator of widely acknowledged success, North Carolina State University with pride bestows the degree of Doctor of Science *honoris causa*.

RUDOLPH IVEY MINTZ

Son of North Carolina and of North Carolina State University, RUDOLPH IVEY MINTZ exemplifies those qualities of service and leadership upon which the well-being of the commonwealth depends. Leaving his alma mater as an engineer, he quickly turned his interest to politics and the law, in which, although without formal training, he achieved a preeminence acknowledged by his appointment to the Superior Bench. For many, this would have sufficed. But to these accomplishments we must add a distinguished military career, service in the General Assembly, and above all continued devotion to the sound health and development of the University. Now rounding out his twentieth year as a Trustee, in addition to his service on the executive committee, he helped to draft the University's administrative code and participated in the selection both of the President of the University and of the Chancellor of this institution. To one so disposed, activity in alumni and civic affairs comes as a matter of course.

A University's good name depends mainly upon the service of her alumni. For sons such as Judge Mintz we are grateful and proudly acknowledge our gratitude by conferring upon him the degree of Doctor of Laws *honoris causa*.

CHARLES SCOTT MITCHELL

To CHARLES SCOTT MITCHELL success has become something of a habit and he shows us once again that despite the prophets of doom the 'old-fashioned' virtues of energy, industry and loyalty have their rewards even in the complexities of modern society. Whether delivering groceries at the age of twelve, leading his high school class, or being graduated with honors from North Carolina State College in 1930, or oiling machinery in The Dust Bowl, Charles Mitchell has worked as if doing things well makes a difference. That he is now president of one of the largest oil companies in the world, which first hired him as a junior engineer, is one of the differences that doing things well has made in his life.

Millions of miles traveled and interests that span the globe have not diverted him from his love of his alma mater nor have they prevented his continued concern with her welfare. From Spring Hope to Oklahoma to New York he has remained a North Carolinian and a loyal alumnus of North Carolina State University. Having conferred upon him in 1930 the degree of Bachelor of Science in Civil Engineering we now proudly bring his dossier up to date by conferring upon him the degree of Doctor of Science *honoris causa*.

FRANCES GRAY PATTON

A member of a distinguished Raleigh journalistic family, FRANCES GRAY PATTON is herself a short-story writer, a novelist, an essayist, and a teacher. As chronicler of "The Finer Things of Life," creator of that most delightful of fictional school marms—the lovable and "terrible" Miss Dove—, astute observer and gentle satirist of Southern life and customs, she has deservedly taken her place as one of the most widely read and universally admired of North Carolina writers. As a teacher and as a consultant at writers' conferences across the country, she has been much sought after—and for good reason, for her sparkling wit and her gracious manners are qualities both of her personality and her prose style. To this accomplished and charming lady of letters, North Carolina State University is proud to award the degree of Doctor of Humanities *honoris causa*.

Awards for Achievement

1965-1966

SCHOOL OF AGRICULTURE AND LIFE SCIENCES

Agricultural Economics:

Wall Street Journal Achievement Award: David Carroll Burch, Faison

Agronomy:

Senior Highest Scholastic Average in Agronomy: Henry Shi-Lih Yang, Hong Kong, B.C.C. (Agronomy)

American Society of Agronomy Award, Most Outstanding Senior: John J. Nicholaides, III, Charlotte (Agronomy)

Agronomy Club Leadership Award: Norbert John Vollmer, Jr., Bunn (Crop Science)

Biological and Agricultural Engineering:

American Society of Agricultural Engineers, Student Honor Award: Crowell Gattis Bowers, Norwood

Senior Honor Award in Biological and Agricultural Engineering, Technology Program: Jimmy Walter Perry, Zebulon

Biological Sciences:

Phi Sigma Achievement Award: Adelaide T. Clark Carpenter, Swannanoa

Food Science:

Virginia Dare Award: Forest Michael Reid, Statesville

Forbes Chocolate Award: Forest Michael Reid, Statesville

Gamma Sigma Delta:

Sophomore Certificate: Thomas Fleming Bridgers, Jr., Wilson (Agricultural Economics)

Senior Certificate: Sidney Stanley Young, Raleigh (Biological Sciences)

Horticultural Science:

Burpee Award: Alvan Donnan, Jr., Hockessin, Delaware

Outstanding Senior Award: William Robert McLeod, Carthage

SCHOOL OF DESIGN

North Carolina Section of the Southeastern Chapter of the American Society of Landscape Architecture Book Award: Currie Lamar Bunn, Raleigh

The Industrial Designers Society of America Certificate of Merit: Michael Jon Nielsen, Raleigh

American Institute of Architects School Medal: Peter Bennett Wilday, Westfield, New Jersey

American Institute of Architects Book Award: Keller Smith, Jr., Knoxville, Tennessee

Edgar R. Calloway Memorial Scholarship for Foreign Study: Gerald Kent Ginader, Miami, Florida

Alpha Rho Chi Medal: Keller Smith, Jr., Knoxville, Tennessee

North Carolina Chapter of the American Institute of Architects Book Award: William Minor May, III, Raleigh

Walter Hook Award: Joel Malone Funderburk, Daytona Beach, Florida; Reyhan Tansal, Istanbul, Turkey

SCHOOL OF EDUCATION

Education Council Key, most outstanding student enrolled in: Agricultural Education, Clifton McCrary Pait, Bladenboro; Industrial Arts Education, James Gordon

Aaron, Cary; Industrial Education, David Michael Parker, Kill Devil Hill; Mathematics and Science Education, Frances Waverly Mayton, Raleigh; Recreation and Park Administration, Nancy Spence Barbour, Raleigh

Agricultural Education Club Award: most outstanding senior: graduating at the end of the fall semester, Larry Thomas Beckham, Henderson; graduating at the end of the spring semester, David James Batten, Whiteville

Kappa Phi Kappa Scholarship Medal: John Frink Freeman, Jr., Bladenboro

Rho Phi Alpha Award: most outstanding senior in the Department of Recreation and Park Administration, James Ray Sellers, Lilesville

SCHOOL OF ENGINEERING

The Hamilton Watch Award: Clarence Eugene Roberson, Ahoskie (Senior, Mechanical)

The School of Engineering Outstanding Senior Award: Richard Michael Minday, Charlotte (Senior, Chemical)

The Outstanding Engineering Citizen Award: James Patrick Miller, Charlotte (Senior, Mechanical)

Ceramics Engineering: J. C. Steele Upperclassman Scholarship: Robert Andrew Lawhon, Carthage (Junior, Ceramic); Moland-Drysdale Scholarship: James Frederick Holzgraf, Ramsey, New Jersey (Sophomore, Ceramic)

Chemical Engineering: Eastern North Carolina Section of American Institute of Chemical Engineers Award to Outstanding Senior in Department: Richard Michael Minday, Charlotte (Senior, Chemical); AICHE Student Chapter Award to Junior Member with Highest Academic Average: Jon David Hulburt, Cary (Junior, Chemical)

Civil Engineering: Associated General Contractors Award to Outstanding Senior in Construction Option: David West Johnston, Greensboro; North Carolina Section, American Society of Civil Engineers Award to the Outstanding Seniors in Civil Engineering: David Guy Modlin, Jr., Williamston; Sherrill Bost Biggers, Asheville; Philip Rodney Hensley, Bald Creek; Joseph Leonard Hammack, Jr., Burlington; North Carolina Chapter of the American Public Works Association Award to Outstanding Seniors in Civil Engineering: Gary Moore Garlow, Rocky Mount; Charles Gayle Rust, Charlotte

Electrical Engineering: Institute of Electrical and Electronics Engineers Outstanding Member: Robert G. Hendrickson, Winston-Salem (Senior, Electrical); Institute of Electrical and Electronics Engineers Student Papers Contest: Samuel G. Burgiss, Yadkinville, (Senior, Electrical)

Engineering Operations: Outstanding Senior in Engineering Operations: Robert Russell Outlaw, San Francisco, California

Industrial Engineering: Outstanding Sophomore in Industrial Engineering: David F. Parker, Rocky Mount; Outstanding Senior in Industrial Engineering: Robert Ward Chappell, Raleigh; Outstanding Senior in Furniture Manufacturing and Management: Jerry Colon Cranford, Statesville

Mechanical Engineering: American Institute of Aeronautics and Astronautics Award to Outstanding Senior in Aerospace Engineering: Douglas Eugene Humphreys, Raleigh; American Society of Mechanical Engineers Certificate Award to Outstanding Senior Member of ASME Chapter: Herbert Warren Stanford, III, Charlotte (Senior, Mechanical); Pi Tau Sigma Award to Sophomore in Department with Highest Academic Average: William P. Gilbert, Durham (Sophomore, Mechanical)

Metallurgical Engineering: Outstanding Senior: John Montgomery Brett, Ahoskie

Nuclear Engineering: Outstanding Senior in Department: Danny William LaBelle, Fayetteville

SCHOOL OF FORESTRY

Xi Sigma Pi Senior Award: Samuel Buchanan Land, South Hill, Virginia

Xi Sigma Pi Freshman Award: Mack William Bailey, Andrews, South Carolina

Continental Can Competitive Scholarship Awards: John David Harper, Raleigh; James Victor Henderson, Hopewell, Virginia; Charles L. Lennon, Bladenboro; William Daniel McGill, II, Lakeview; William R. Norton, Danville, Virginia;

Andrew Stewart Nuckols, Rocky Mount; Gregory Hudson Winston, Bumpass, Virginia

Homelite Honor Awards: Harold Kenneth Cordell, Marion; Herbert Julien Kirk, Aberdeen

Biltmore Scholarship Awards: Herbert Julien Kirk, Aberdeen; Getald R. Brown, Asheville; William Dwight Smith, Baltimore, Maryland

Slocum Scholarship Award: James P. Cunningham, Durham

Conger Scholarship Awards: Steven Smith Dalton, Monticello, Kentucky; Earl Lackey Deal, Jr., Norfolk, Virginia; Joseph Henry Hughes, New Bern

Paper Industry Management Association Award: Aubrey Donald Harris, Williamston

SCHOOL OF LIBERAL ARTS

The Liberal Arts Council Award for the Outstanding Senior in Liberal Arts: Rosina T. Coburn, Raleigh (Senior, English)

B. F. Brown Award for Excellence in Liberal Arts: Mrs. Annette W. Ferguson, Raleigh (Senior, History)

Special Award by the Liberal Arts Council: Peter Lee Coker, Allentown, Pennsylvania (Senior, Economics)

Rudolph E. Freund Prize for Excellence in the Social Sciences: Mrs. Meredith C. McKinney, Raleigh (Senior, Psychology)

SCHOOL OF PHYSICAL SCIENCES AND APPLIED MATHEMATICS

The Chemical Rubber Company Award for Outstanding Achievement in Freshman Chemistry: Dale Alan Newton, Henderson

The Merrk Index Award for Scholastic Achievement in Chemistry: Robert Grady Beach, Boone

SCHOOL OF TEXTILES

American Association of Textile Chemists and Colorists Award: William C. Schwartz, Castle Hayne

American Association for Textile Technology Award: Clyde S. Overcash, China Grove

Harry Ball Award: Charles Edward Jones, Bahama

Delta Kappa Phi Fraternity Award: William C. Schwartz, Castle Hayne

Saul F. Dribben Memorial Award: George Michael Hawkins, Cliffside

Everett C. Drake Award: Roger Lee Halcy, Mebane

Alfred Hofmann Needle Works Award: Dwight Schofield Leroy, Balfour

Laconia Cooper Sales Corporation Award: Robert Council Cranford, Raleigh

North Carolina Textile Manufacturers Association Award: Larry Thomas Elliott, Virgilina, Virginia

Phi Psi Fraternity Award: Thomas W. Eggleston, Star

John M. Reeves Scholarship: Garry Wayne Morrison, Mooresville

Harry Riemer Award: Frank Odell Harris, Mebane

Chester H. Roth Award: Larry Thomas Elliott, Virgilina, Virginia

Sigma Tau Sigma Scholarship Fraternity Award: William C. Schwartz, Castle Hayne

Textile Forum Technical Journalism Award: William C. Schwartz, Castle Hayne

Textile Forum Technical Journalism Award: David Joel Hall, Wilmington

Textile Veterans Association Award: Albert E. Millard, Raleigh

ALUMNI ATHLETIC TROPHY

Peter Lee Coker, Allentown, Pennsylvania

PHI KAPPA PHI, NATIONAL HONORARY SCHOLARSHIP SOCIETY

Intellectual Achievement—Ph.D. Candidate: George Lansing Blackshaw, Morgantown, West Virginia

Intellectual Achievement—M.S. Candidate: Noel Cope Harberison, Roy, Utah

Highest Scholastic Standing—Seniors: Mrs. Meredith Clifton McKinney, Raleigh; Mary Hunter Schaub, Apex

Highest Scholastic Standing—Junior: Robert Thomas Gibbs, Rutherford

Highest Scholastic Standing—Sophomore: Lynda Lee Riggsbee, Durham

AIR FORCE ROTC AWARDS

American Legion Medal: Cadet Col. Edwin B. Broadhurst, Jr., Bellevue, Nebraska

Armed Force Communications and Electronics Medal: Cadet Col. Robert W. Morton, Raleigh

Daughters of the Founders and Patriots of America Medal: Cadet Paul E. Hayes, Goldsboro

Chicago Tribune Silver Medals: Cadet James M. Howard, II, Oxford; Cadet A1C Bradley W. Smith, Chapel Hill

Chicago Tribune Gold Medals: Cadet 1st Lt. James W. Pfefferkorr, Winston-Salem; Cadet Lt. Col. William G. Mann, Concord

Sons of the American Revolution ROTC Medal: Cadet Captain John C. Olson, Forest City

Reserve Officers Association Awards: Cadet Robert T. Noble, Dover; Cadet A1C Keith L. Kushman, Cary; Cadet Lt. Col. Dennis T. Tharp, Fayetteville

Reserve Officers Association Medal: Cadet Captain Alan N. Jackson, Raleigh

Air Force ROTC Academic Achievement Awards: Cadet A1C Wayne C. Fisher, Norfolk, Virginia; Cadet A1C William F. Horton, Jr., Raleigh; Cadet A1C Keith L. Kushman, Cary; Cadet MSgt. Thomas E. May, Springfield, Virginia; Cadet Colonel Robert W. Morton, Raleigh

Scabbard and Blade Award: Cadet SSgt James C. Henderson, Hendersonville

Major General William C. Lee Award: Cadet Lawrence W. Redman, Chevy Chase, Maryland

Arnold Air Society Award: Cadet MSgt Thomas E. May, Springfield, Virginia

Best Drilled Air Force ROTC Cadet Awards: Cadet Tennyson L. Johnson, Jr., Charlotte; Cadet TSgt James G. Fisher, Fayetteville; Cadet Captain Ruffin B. Holder, II, Cary

Air Force ROTC Flight Leader Award: Cadet Captain John W. Dickey, Jr., High Point

Commandant of Cadet Award: Cadet Colonel Leo G. Miller, Panama City, Florida

Air Force Times Award of Merit: Cadet Lt. Col. Donald M. Nanney, Hendersonville

Professor of Aerospace Studies Honor Squadron Award: Cadet Lt. Col. Tice N. Leonard, Jr., Charlotte

General Dynamics Award: Cadet A1C William B. Thaler, Gastonia

Pershing Rifle Achievement Trophy: Cadet Harvey L. Mangum, Roxboro

ARMY ROTC AWARDS

The Department of the Army Superior Cadet Awards: Senior Class: Cadet Colonel Clyde S. Overcash, China Grove; Junior Class: Cadet 1SG William O. Tyndall, Salemburg; Sophomore Class: Cadet Sgt. Richard J. Hosey, Raleigh; Freshman Class: Cadet Joseph A. Wooten, Rocky Mount

Certificate of Meritorious Leadership Achievements: Cadet Colonel Clyde S. Overcash, China Grove

The Colonel John W. Harrelson Scholarship Award: Cadet Ronald W. Shuklis, Petersburg Virginia

Association of the United States Army Award: Cadet SGM Douglas A. Unwin, Colorado Springs, Colorado

Association of the United States Army Special Award: Cadet Sgt. George M. Clendenin, Wilmington

American Ordnance Association Key Award: Cadet Major Elmer F. Wiggins, Ayden

Master Sergeant Horace C. Thomas, Sr. Award: Cadet SSG Carl Reeves, Jr., Nakina

Best Drill Platoon Award: Cadet Lt. Roy E. Blackwood, Raleigh

Chicago Tribune Gold Medals: Cadet Lt. Col. Charles H. Lee, Wilson; Cadet ISG Lawrence D. Tracy, Chapel Hill

Chicago Tribune Silver Medals: Cadet Richard D. Meisky, High Point; Cadet James E. Wilbourn, Gurley, Alabama

Society of American Military Engineers Award: Cadet ISG William O. Tyndall, Salemburg

The National Defense Supply Association Award: Cadet ISG William O. Tyndall, Salemburg

American Legion Medal: Cadet Major James Wayne Oestreich, Washington

Scabbard and Blade Excellence Award: Cadet Sgt David L. Arnold, Kingsport, Tennessee

Scabbard and Blade Marksmanship Award: Cadet 1st Lt. Herbert W. Korte, East Orange, New Jersey

Reserve Officers Association Honor Award: Cadet Captain Crowell G. Bowers, Cary; Cadet David B. Montgomery, High Point; Cadet ISG Ronald A. Moore, Castle Hayne

Reserve Officers Association Silver Medal Award: Cadet SFC Ernest W. O'Neil, Jr., Clayton

The Pershing Rifles Achievement Trophies: Cadet Captain Hubert M. Nance, Bedford, Virginia (Advanced Course); Cadet ISG Ronald A. Moore, Castle Hayne, (MS I)

Sons of the American Revolution ROTC Medal: Cadet SFC Gene W. McGarity, Charlotte

Daughters of the Founders and Patriots of America Award: Cadet James E. Carpenter, Richmond, Virginia

Armed Forces Communications and Electronics Association Award: Cadet Lt. Col. Neal S. Doby, High Point

National Defense Transportation Association Award: Cadet Captain Douglas E. Humphreys, Raleigh

Professor of Military Science Award: Cadet Captain Hubert M. Nance, Bedford, Virginia

OUTSTANDING TEACHER AWARD

Each year the graduating seniors select a recipient for The Outstanding Teacher Award which is accompanied by a \$500 check from the North Carolina State Alumni Association.

The award is announced each year as a part of the Commencement exercises.

USAF ROTC Cadets Commissioned

1965-1966

TO BE COMMISSIONED ON 28 MAY 1966:

Bankhead Olin L., Jr.	Hamlet, North Carolina
*Bell, David W.	East Flat Rock, North Carolina
Byrd, Harry E.	Ahoskie, North Carolina
*Farmer, Charles T.	Goldsboro, North Carolina
*Golden, Daniel J., Jr.	St. John's, Pennsylvania
Haire, John R.	Fuquay, North Carolina
Hodges, Kinnon B.	Dover, North Carolina
Hopkins, Milton D.	Charlotte, North Carolina
Laird, Charles S., Jr.	Williamsburg, Virginia
Lambert, Cecil V., Jr.	Kannapolis, North Carolina
Mattocks, Thomas P.	Kinston, North Carolina
Moore, Thomas E.	Raleigh, North Carolina
*Morton, Robert W.	Raleigh, North Carolina
Phillips, Hester W.	Kannapolis, North Carolina
Ross, Donald W.	Sanford, North Carolina
Seaton, John E., Jr.	Elizabeth City, North Carolina
Smith, Daniel M.	Greenville, North Carolina
*Snell, Linwood H., Jr.	Raleigh, North Carolina
Williams, Roy C., Jr.	Eagle Springs, North Carolina

* Distinguished Graduate

COMMISSIONED ON 1 JULY 1965—30 APRIL 1966:

*Adams, Jack L.	Fort Lee, Virginia
Anderson, Olin S., Jr.	Lilesville, North Carolina
*Boyd, George V., III	Henderson, North Carolina
Bryan, Junius T.	Raleigh, North Carolina
Cameron, Charles D.	Cameron, North Carolina
Capps, Thomas E.	Raleigh, North Carolina
Carnes, Robert M.	Laurinburg, North Carolina
Carter, David E.	Lynchburg, Virginia
Corbett, Elbert M.	Jacksonville, North Carolina
Gentle, Horace S.	Kannapolis, North Carolina
Goddard, David M.	Raleigh, North Carolina
Green, Don W.	Coco Solo, Canal Zone
Hardin, Jimmy O.	Lumberton, North Carolina
Huntsman, James M., III	Amarillo, Texas
Kearney, William C.	Henderson, North Carolina
Lee, Oscar D., III	Rocky Mount, North Carolina
Lindsay, Lennox H., III	Hendersonville, North Carolina
Pickard, Donald S.	Winston-Salem, North Carolina
Poplin, Ronald L.	China Grove, North Carolina
Rose, Billy M.	Pantego, North Carolina
Stowe, Gerry F.	Kannapolis, North Carolina
Tucker, Russel V.	Mount Airy, North Carolina
Warnock, Paul F.	Gastonia, North Carolina
Weaver, Glenn O.	Raleigh, North Carolina
Weeks, Martin W., Jr.	Mount Olive, North Carolina
Willis, Robert L., Jr.	Lawndale, North Carolina

* Distinguished Graduate

Army ROTC Cadets Commissioned 1965-1966

TO BE COMMISSIONED ON 28 MAY 1966:

*Atkins, John L., III	Durham, North Carolina
Atkins, Philip W.	Colfax, North Carolina
Beamon, James D.	Goldsboro, North Carolina
Beck, Jerry L.	Lexington, North Carolina
Bilbro, Charles R.	Greensboro, North Carolina
Bowers, Ronald J.	Charlotte, North Carolina
Burch, David C.	Faison, North Carolina
Carper, James T.	Raleigh, North Carolina
Childers, Boyd W.	Connelly Springs, North Carolina
Coleman, James D., Jr.	Burlington, North Carolina
Dailey, Jack C.	Fort Pierce, Florida
*Doby, Neal S.	High Point, North Carolina
Elliott, Larry T.	Virgilina, Virginia
Evans, Morris	Johnstown, New York
Ewald, John R.	Roanoke, Virginia
Forshaw, Thomas, III	Charlotte, North Carolina
Garner, Lonzo S., Jr.	Roanoke Rapids, North Carolina
Giles, Thomas L.	Monroe, North Carolina
*Hale, Gary K.	Jeffersonville, Indiana
*Higgins, Obed P., III	Waverly, Virginia
*Humphreys, Douglas E.	Raleigh, North Carolina
Kellogg, Robert B.	Charlotte, North Carolina
Kelly, Everette S.	Mocksville, North Carolina
Knight, James W.	Salisbury, North Carolina
Korte, Herbert W., Jr.	East Orange, New Jersey
Lee, Cameron W., Jr.	Wake Forest, North Carolina
*Lee, Charles H., Jr.	Wilson, North Carolina
Lennon, Charles L.	Bladenboro, North Carolina
Martin, Levon	Kannapolis, North Carolina
McLeod, William R.	Carthage, North Carolina
McMillan, David W.	West Jefferson, North Carolina
Mills, Edward I.	China Grove, North Carolina
Morton, Craven C., Jr.	Albemarle, North Carolina
Nicholson, Brock M.	Raleigh, North Carolina
*Overcash, Clyde S.	China Grove, North Carolina
*Penland, Robert T.	Davidson, North Carolina
Robinson, Hendry S.	Clinton, North Carolina
Sills, Ernest K.	Hickory, North Carolina
*Smith, Richard H.	Raleigh, North Carolina
Thomas, Daniel W.	Red Springs, North Carolina
*Traynham, Albert R.	Burlington, North Carolina
Wayt, Merritt W., Jr.	Greensboro, North Carolina
*Williams, Bennett W.	Ahoskie, North Carolina
*Young, Roy E.	Norlina, North Carolina

COMMISSIONED DURING PERIOD 1 JUNE 1965—15 MAY 1966:

*Allison, Allison D.	Raleigh, North Carolina
*Anderson, William H. W., Jr.	Raleigh, North Carolina
Bennett, Luther A., Jr.	Greensboro, North Carolina

* Distinguished Graduate

Briner, Frank C.	Kinston, North Carolina
*Causey, Jerry L.	Grifton, North Carolina
Chapman, David D.	Arlington, Virginia
Chappell, Theodore J.	Raleigh, North Carolina
Cobb, Gene B.	Wingate, North Carolina
Coffey, Charles A., III	Raleigh, North Carolina
Crawford, Claude C., III	Raleigh, North Carolina
Crossland, William E.	Raleigh, North Carolina
Favor, Charles H.	Raleigh, North Carolina
Freeman, Duff G.	Jonesville, North Carolina
*Griffin, Kenneth B.	Granite Falls, North Carolina
Gupton, Wallace I.	Henderson, North Carolina
Hawks, Benjamin D.	Oxford, North Carolina
*Holmes, Robert S.	Raleigh, North Carolina
Johnston, Michael T.	Mooreville, North Carolina
Jones, David D., Jr.	Garden City, Michigan
Lee, Edward C., Jr.	Elizabeth City, North Carolina
Mackland, Donald W.	Fort Smith, Arkansas
Matheson, Gordon G., Jr.	Sunbury, Pennsylvania
Melton, Braxton B.	Morganton, North Carolina
O'Quinn, Byron J.	Lillington, North Carolina
Sale, William C.	Ronda, North Carolina
Shillinglaw, John P., Jr.	Rock Hill, South Carolina
Snipes, Edward G., Jr.	Rockingham, North Carolina
Snipes, James V., Jr.	Haw River, North Carolina
*Stephens, Philip C.	Rocky Mount, North Carolina
Storey, James R.	Durham, North Carolina
Stroup, Thomas F.	Brevard, North Carolina
Thomas, Edward R., II	Farmville, North Carolina
Ward, Robert K.	Galax, Virginia
Warren, Larry D.	Newton Grove, North Carolina
Wetmore, Paul H., Jr.	Raleigh, North Carolina
*Wilson, Woodrow O., Jr.	Raleigh, North Carolina

* Distinguished Graduate