

~~Juanita Stott~~

~~p. 18~~

Seventy-eighth

~~150~~

Annual Commencement

North Carolina State University at Raleigh

Saturday, May 27

Nineteen Hundred and Sixty-seven

Degrees Awarded 1966-67

Corrections on pages 18, 24,
46, 48, 52

Musical Program

EXERCISES OF GRADUATION

MAY 27, 1967

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

The Memorial Tower

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

Rakoczy Marche, from "Damnation of Faust" Berlioz

Overture to "Orpheus" Offenbach

Second Suite Robert Jager

1. Fanfare

2. Ballade

3. Scherzo

Cantabile, from Symphony in D Minor Franck

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 27, 1967

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 Tyler Caldwell
Chancellor, North Carolina State University

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

ADDRESS John Tyler Caldwell
Chancellor

CONFERRING OF DEGREES John Tyler 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 George B. Butler
Vice-President of Student Government

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

ANNOUNCEMENT OF OUTSTANDING TEACHER AWARDS Ronald W. England
President, Class of 1967

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

School and Department Locations

12:30 P.M.

School of Education Carmichael Gymnasium
Department of Engineering Operations Raleigh Little Theatre Amphitheatre

1:30 P.M.

School of Agriculture and Life Sciences

Adult Education Carmichael Gymnasium
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
Biological Sciences and Botany 146 Gardner Hall
Economics 256-258 Erdahl-Cloyd Union
Genetics and Microbiology 3533 Gardner Hall Addition
Horticultural Science 125 Kilgore and 121 Kilgore Hall
Poultry Science 224 Scott Hall
Zoology 245 Gardner Hall and 149 Gardner Hall

School of Design Brooks Hall North Breezeway

School of Engineering

Agricultural Engineering 158 Agricultural Engineering Building
Chemical Engineering Erdahl-Cloyd Union
Civil Engineering Lobby of Mann Hall
Electrical Engineering 429 Daniels Hall
Engineering Mechanics 119 Riddick Hall
Furniture Manufacturing and Management 222 Riddick Hall
Industrial Engineering 234 Riddick Hall
Mechanical Engineering 216 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 27, 1967

PROCESSIONAL MARCH 9:00 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 Tyler Caldwell
Chancellor, North Carolina State University

ADDRESS Thomas G. Corbin
*Major General, USAF
Commander, USAF Special Air Warfare Center*

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

PRESENTATION OF CERTIFICATES
OF COMMISSION Colonel Lem M. Kelly, PMS
Colonel Samuel C. Schlitzkus, PAS

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 27, 1967

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

Larry Love Coats	Willow Springs
John Ervin Francis	Statesville
Gerald David Metzger	Beaver, Penna.
Charles Arthur Parrish	Stem
•David Harris Vaughan	Oxford

BACHELOR OF SCIENCE

Agricultural Economics

••Thomas Fleming Bridgers, Jr.	Wilson
Benjamin Gilbert Daniel	Spring Hope
John William Douglas, Jr.	Statesville
James Russell Jones	Snow Hill
Wiley Washington Jones, Jr.	Kinston
•Stephen Ira Kutner	Baldwin, N. Y.
William Otha Mizelle, Jr.	Gates
•Leslie Oliver Noble, Jr.	Deep Run
William Carter Payne	Stony Point
Bernard Lee Smith	High Point
Edward Stuart Turlington	Dunn
Howard Andrew Tyson	Nashville

• Honors

•• High Honors

Agronomy

Roy Bryant Baucom	Fayetteville
Chivous Omar Bradley	Rutherfordton
Carroll Edward Collins	Windsor
Malcolm Louis Dunkley	Roxboro
Robert Dale Edwards	Washington
* Denis Sherald Jackson	Newton Grove
LeRoy Mintz, Jr.	Shalotte
William Wallace Pointer, Jr.	Semora

Animal Science

George Bruce Butler	Nashville
Lewis Wiley Crabtree	Hillsborough
James Wiley Earp, Jr.	Raleigh
James Beall Graham	Linwood
Charles Howard Isley	Liberty
John Tankard Jones	Bath
Daniel Craig Little	Pittstown, N. J.
Ronald Dale McPherson	Clarendon
Wilbur Andrews Newlin	Mebane
* George Larry Newton	Vale
James Wayne Oestreich	Washington
George Houghtalling Parham, Jr.	Raleigh
† Ronald Lee Ray	Burnsville
Richard Sutton White	Tyner
Tommy Ray Willard	Liberty

Biological and Agricultural Engineering

David Manley Aman	Jacksonville
David Edward Brown	Whiteville
Richard Harvey Faulk	Sanford
Joseph Alexander Gregory	Coats
Dennis Gerald Howard	Pink Hill
* Denis Sherald Jackson	Newton Grove
Charles Bennett King, Jr.	Garner
Wilbur Andrews Newlin	Mebane
Zeno Herbert Ponder, Jr.	Marshall
Ritchie Francis Smith	Fuquay-Varina
Kenneth Carl Walker	Hillsborough
Tommy Ray Willard	Liberty
Robert Ward Winston, Jr.	Lillington

Biological Sciences

* Jane Kenyon Gibson	Raleigh
Elizabeth Taylor Glenn	Farmville, Va.
* Nancy Flickinger Merriner	Winchester, Va.
* Gail Elizabeth Shelley	Raleigh
Sam Lanham Simmons, Jr.	Raleigh
Robert Brady Thompson	Lumberton
Philip Stanley Vinson	Ahoskie

Botany

Jenny Rea Hill	Smithfield
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* Honors ** High Honors † In Absentia

Crop Science

Howard Andrew TysonNashville

Entomology

Dan Robert Braun Pompton Plains, N. J.
Eugene Anthony Fuzy Hopewell, Va.

Food Science

*Ricky Delano ConeSpring Hope

Horticultural Science

Larry Thompson Daniel Elm City
Alvan Donnan, Jr. Hockessin, Del.
Paul Allen Hammer Cary
William George Spreyer Cranston, R. I.
William Thomas Winslow Hertford

Plant Protection

**Walter Franklin Congleton Stokes
Leonard Wayne Edwards Nashville
Robert Brown Goins Robersonville
*Charles Halford Womble New Hill

Poultry Science

Don Mansel Bryant Hoffman
Victor Ashley Collins Monroe
Dwight David Lowder Albemarle
Eugene Hardie Moore Lenoir
Bernard Lee Smith High Point

Soil Science

*Stephen White BroomeAurora

Zoology

Robert Alonzo Bashford Raleigh
Nancy Marie Blum Fayetteville
*Carol Jean Chacto Jacksonville
Dennis Keith Featherstone Charlotte
*Frank Kipling Ferrell Raleigh
*Herbert Mynatt Floyd Lumberton
*Walter Ray Gammon Raleigh
James Gray Groce Mocksville
Ralph Woodson Hartgrove, Jr. Wilmington

* Honors ** High Honors

Robert James Hines	Belcross
David Jerome Hinson	Wadesboro
Richard Graham McArthur	Fayetteville
Marvin Lynn Nichols	High Point
John Charles Olson	Forest City
William Lee Ramseur, Jr.	Kings Mountain
Thomas Addison Rhyne, Jr.	Lincolnton
James Daniel Royster	Benson
Douglas Wayne Spivey	Tabor City
Don Walton Stephenson	Four Oaks
• Robert James Swanson	Raleigh
John William Tate	Liberty
Thomas Hugh Wetmore, Jr.	Raleigh
Ida Lee Winkler	Raleigh
Robert Edward Woody	Gastonia
William Pemberton Wynne	Raleigh

School of Design



BACHELOR OF ARCHITECTURE

Gus Robert Anastes	Charlotte
John Kennedy Anderson	Raleigh
John Erwin Cort	Asheville
Robert Lester Chartier	Shelby
Joseph Allan Courter, Jr.	Essex Fells, N. Y.
Robert Cedric Dellinger	Gastonia
George Walker Hagans	Raleigh
Gary Dennis Haynes	Jamestown
Troy Herring, III	Roseboro
Edward Lee Jenkins, Jr.	Raleigh
• Richard Vance Kramer	Durham
Thomas Jefferson Land, Jr.	Fort Walton Beach, Fla.
Wendell Holmes Leonard, Jr.	Danville, Va.
Patricia Ann Holbrook May	Hampton, Va.
Thomas Malon Mayo	Jacksonville, Fla.
William Royal Mitchell	Wake Forest
Carl Preston Myatt	Houston, Miss.
Gerard Walter Peer	Greensboro
John Haywood Pope, Jr.	Durham
Robert Marsh Ray, III	Raleigh

• Honors

William Winston Sears	Apex
Thomas Pritchard Smith	Swansboro
Lawrence Ashley Spearman, Jr.	Durham
Michael Tribble	Asheville
David Francis Ward	Wilmington
Peter Colvin Warner	Chagrin Falls, Ohio
John Luther Westbrook, II	Burgaw
*William Parry Dinsmoor White	Durham
*George Chung-Nien Yu	Sao Paulo, Brazil

BACHELOR OF LANDSCAPE ARCHITECTURE

Donald Edward Basile	Larchmont, N. Y.
Michael Francis Fowler	Cliffside
David Forsythe Jones	Raleigh
Robert Michael Jordan	W. Hollywood, Fla.
David Owen Lose	Anchorage, Ky.
Roy Hughes Pender	Raleigh
Melba Sally Schauman	Durham
Gilbert Barnes Wheless, Jr.	Durham

BACHELOR OF PRODUCT DESIGN

Louis Glenn Rainey, Jr.	Raleigh
James Franklin Taylor	Aberdeen

School of Education



BACHELOR OF SCIENCE IN EDUCATION

Agricultural Education

Dorsey Wade Daniel	Coats
Jerry Gill Davis	Waxhaw
John Walter Gooch	Stem
Joe Blake Hampton	Piney Creek

Industrial Arts Education

James Chappell Caton	Suffolk, Va.
Alan William Dattelbaum	Great Neck, N. Y.
Jimmy Eldred Quast	Clayton
Gerald Ray Vernon	Milton

* Honors

Mathematics Education

Gary Franklin Andrew	Siler City
Susan Mez Apple	Burlington
Edward Gene Cardonick	Greensboro
Clifton Gill Chappell	Elizabeth City
Harold Kenneth Davis	Mount Holly
David Lee Durham	Durham
* Charles Barry Ferree	Polkton
† Elmer Lucian Griffin, Jr.	Shawboro
Larry Joe Hall	Greensboro
William Lawrence Hamrick	Kings Mountain
Abner Mack Harrington	Fairmont
‡ Robert Vann Hughes	Swannanoa
Jon Reid Lewis	Fairmont
Russell Alan Lewis	Long Branch, N. J.
Peter McGrain	Westbury, N. Y.
Irvin Henry Murrell, Jr.	Charlotte
John Andrew Stencil	Greensboro
Herman Philip Triplett	Charlotte
Don Ellis Weatherly	Media, Penna.

Technical Education

Richard Lamar Smith	Charlotte
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Vocational Industrial Education

Larry Sherman Williams	Eagle Springs
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BACHELOR OF SCIENCE IN INDUSTRIAL ARTS

Dewey Felton Allen	Wilson
Ernest Reginald Allsbrook, Jr.	Raleigh
† Donald Earl Brady	Selma
Thomas Edward Daughtry	Durham
Edwin McNeely Guest, III	Laurinburg
‡ James William Hemphill	Canton
Hugh Michael Hill	High Point
Ronald Nolan Jackson	Roanoke, Va.
John David Licko	Swansboro
Sidney Onyx Newman, Jr.	Raleigh
Samuel Worth Puglia	Elizabethtown
Thomas Lee Smith	Sanford
Dwight Luther Turner, Jr.	Atlanta, Ga.

* Honors ‡ In Absentia



BACHELOR OF SCIENCE IN AEROSPACE ENGINEERING

*William Henry Ailor, III	Richmond, Va.
Dennis Wayne Bartlett	Asheville
Samuel Franklin Brooks, Jr.	Richmond, Va.
*David Lynn Brott	Asheville
Ronald Roger Danella	Warwick, R. I.
Samuel Monroe Dollyhigh	Mount Airy
William Racford Fletcher, Jr.	Whiteville
Granison Staley Garrison	Gibsonville
Jerry Lanier Godwin	Wilson
Don Alfred Grigg	Charlotte
Milton Frank Haas	Moncks Corner, S. C.
Gary Morris Henderson	Wilmington
Bobby Gene Hines	LaGrange
Ruffin Barna Holder, II	Cary
Wayne Delano Lanning	Hendersonville
Samuel White Russ	Shallotte
*Benjamin Lee Sill	St. Pauls
Robert Ezell Smith, Jr.	Greensboro
James Keith Turner	Lincolnton

BACHELOR OF SCIENCE IN CERAMIC ENGINEERING

James Lawrence Harrison	Charlotte
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BACHELOR OF SCIENCE IN CHEMICAL ENGINEERING

Donald Gene Bright	Greensboro
*Robert Wilson Carter	Elkin
Hannon James Cheek	Durham
*Ronnie Mac Coats	Angier
Charles Edward Colwell, Jr.	Brevard
Fletcher Forbis Cranford, Jr.	Kannapolis
Andrew Theodore Creekmore, Jr.	Moyock
*Jay P. Davis, III	Raleigh
Roger Antoine Farrow, Jr.	Asheville
Warren Stephen Harmon	Bessemer City
Clinton Barrow Hastings, Jr.	Clarksville, Va.
Larry Wayne Hines	Charlotte
*Jon David Hulburt	Athens, Ga.
George Demetrios Kakkos	Karditsa, Greece
Carolyn Frances Keenum	Hazelwood
David Bookhardt McCallum	Ellore, S. C.
Robert Austin Merricks	Reidsville

* Honors

** High Honors

Joe Gordon Moore, Jr.	Atlanta, Ga.
*David Stanley Nelson	Lenoir
Robert Howard Smith, Jr.	Kinston
James Wirt Summey, III	Gastonia
Thomas Allen Tomlin	Georgetown, S. C.
Arthur William Young	Rutherfordton

BACHELOR OF SCIENCE IN CIVIL ENGINEERING

Lynn Ervin Aiken	Durham
Paul Wilburn Allred, Jr.	Lillington
Alfred Louis Avant	Red Springs
Stanley Gray Avent	Siler City
Carl Ray Banks	Spring Hope
*John William Bennett	Durham
William Daniel Bilger	Durham
*Stephen Earl Blevins	Bakersville
John Howard Brewer	Raleigh
William McCall Broome	Hickory
Jerry Joel Collier	Norfolk, Va.
*Forrest Matthew Council	Fuquay Springs
John Rudolph Erdody	Asheville
Kenneth Funderburk	Monroe
*Walter Frank Greening	Maybrook, N. Y.
Tony Daniel Hinson	High Point
*Thomas Clark Howell, III	Sanford
Joseph Alex Johnson, Jr.	Union Grove
*Roy Clarence Johnson, Jr.	Durham
William Glenn Kluttz	Salisbury
Francis Donald Lawrence	Monroe
Richard Haynes Ledbetter	Asheville
Robert Frank McGhee	Morganton
Hubert Malcolm Nance, Jr.	Bedford, Va.
James Thomas Newnam, Jr.	Burlington
Frank Mitchel Page, Jr.	Elm City
*Samuel Norcom Payne	Charlotte
*William Frank Peacock	Fremont
William Thurman Riddick, Jr.	Belvidere
Louis Peter Rossi	Ozone Park, N. Y.
*Robert Morell Sexton	Raleigh
William Graves Stamper	Durham
Fred Albert Stroup	Morganton
Stewart Jefferson Sykes	Durham
Howard Gale Tart	Dunn
James Robert Welch	Raleigh

BACHELOR OF SCIENCE IN CIVIL ENGINEERING, CONSTRUCTION OPTION

Charles Frederick Bahson, Jr.	Coolemeec
Joseph Edwin Banner	Newland
John Thomas Brame, Jr.	North Wilkesboro
David Eugene Brindle	Kannapolis
†Fred Graham Brooks, Jr.	Durham

* Honors

** High Honors

‡ In Absentia

Robert Kinsman Fisher	Alexandria, Va.
Carlton Freeman, Jr.	Tuxedo
Dwight Lane Freeze	Mooreville
George Michael Griggs	Kannapolis
Robert Linville Maynard	Winston-Salem
David Henry Patton	Asheville
Thomas Maynard Sears	Apex
Arthur Francis Szmuriga	New Brunswick, N. J.
*Keith Allen Tate	Marion
Bonner Neil York	Waynesville

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

Joe Richard Adams	Tunas, Mo.
Hassan Omar Ajam	Beirut, Lebanon
Kenneth Mauney Barnes	Kings Mountain
James Taylor Beard	Winston-Salem
Richard Allee Bender	Fayetteville
Donald Paul Beinheisel	Sparta, N. J.
Richard Earl Blake	Morley, Iowa
Robert John Boden, Jr.	Greensboro
*Charles Earl Boyd	Asheville
Robert Roy Brodsky	Richmond, Va.
*Wayne Howard Bryant	Greensboro
Everette Clarence Byrd	Norwood
*Robert Lee Carroll, Jr.	Turkey
James Milton Causey	Greensboro
Salim Chiha	Damascus, Syria
Wun-Ming Chow	Hong Kong
*Christopher Alan Conte	Richmond, Va.
*David Michael Craig	Bradford, Ark.
John Nelson Crutchfield	Kernersville
Ronald Taussig Curtis	Greensboro
Marion Casey Dean	Arlington, Va.
Eugene Wesley Doub, Jr.	Winston-Salem
Orris Frank Dumas, Jr.	Goldsboro
Charles Carey Faison	Raleigh
Joe Eli Fogleman	Liberty
Richard Bennett Freeman	Fuquay-Varina
*John Donald Gentry	Roxboro
Bryant Wayne Giffin	Brookfield, Conn.
†Farhad Joseph Hakimian	New York, N. Y.
Thomas Russell Hamilton	Winston-Salem
Charles Edward Harden	DeValls Bluff, Ark.
William Covington Hicks	Rockingham
Christopher Leslie Hill	Charlotte
Robert Frederick Hill	Raleigh
Alvin Norman Humphreys	Lusby, Md.
Dwain Lamar Jenkins	Charlotte
Herman Nathaniel Johnson, Jr.	Winston-Salem
*Richard Lee Kefer	Camp Hill, Penna.
Max Dwayne Kimmons	Winston-Salem
*John Howard Lasley	Lancaster, S. C.
James Wesley Lewis, Jr.	Wilmington

* Honors

** High Honors

‡ In Absentia

•Michael Byron Linville	Walkertown
Rex Carol Lominac	Asheville
•David Ralph Long	Candler
Wayne Douglas McCall	Durham
•James William McGowan	Birmingham, Ala.
Franklin Dail McLawhorn	Hookerton
•Tony Bryon McNeill	West Jefferson
Waymon A. Melvin, Jr.	Erwin
Larry Wallace Miller	Statesville
•Eugene Arnold Moore	Cleveland
Kenneth Warren Morge	Aurora, Ill.
•Darryl Raymond Moyers	Fairmont, W. Va.
Ernest Richard Noble	Manteo
•Robert Norman Norris, Jr.	Largo, Fla.
Robert Whittington Norris	Raleigh
Marion Ronald Oates, Jr.	Faison
Jabes Andrew Onder	Johnstown, Penna.
•Donald Bruce Owensby	Marion
••Victor Raul Palomino	Charlotte
Bernard Warren Patton	Buffalo, N. Y.
••Arthur Steven Rabinowitz	Raleigh
†Lawrence John Rettinger, Jr.	Winston-Salem
•Gene Dale Rohrer	Salunga, Penna.
Phillip Ray Rymmer	Asheville
Benjamin Ray Sage	Alexandria, Va.
Joseph Rogers Santen	Charlotte
Carl Herman Settlemyer, Jr.	Grantham
Claude Andrew Sharpe	Winsto-Salem
Nelson Wayne Simons	Belcross
Gordon Lee Skaar	Grand Coulee, Wash.
Steven Craig Sloop	Kannapolis
Larry Earl Smith	Milwaukee
Thomas John Sockolasky	Westfield, N. J.
Bobby Wayne Styron	Stacy
William Washington Terry	West Jefferson
••William Ottis Tyndall, Jr.	Salemberg
•Nathaniel Kent Whitfield	Roxboro
William Ralph Wilson, Jr.	Pittsburgh, Penna.
•Ronald Joe Withrow	Charlotte

HH ★★

BACHELOR OF SCIENCE IN ENGINEERING MECHANICS

James Jerrold Kelly	Charlotte
••James Dixon Schmidt	Gastonia
••William Alfred Short	Charlotte
John Duncan Williams	Charlotte
Jasper Daniel Woodruff, Jr.	Rocky Mount
•John Laurence Woolard, Jr.	Wilmington

BACHELOR OF SCIENCE IN ENGINEERING OPERATIONS

Thomas Forrest Austin, Jr.	Silver Spring, Md.
Octavius Battle Battle	Rocky Mount

• Honors

•• High Honors

† In Absentia

Douglas Holcombe Beale	Asheville
Joseph Victor Bellamah	Beaufort
Charles Kenneth Benson, Jr.	Burlington
Robert Monroe Brown	Huntersville
Clarke Mullen Bruce	Richmond, Va.
Charles Steven Brumberg	Fayetteville
Robert Leon Chagaris	New Bern
Allen Linville Clapp	Siler City
Henry Chandler Dade	Glen Head, N. Y.
Robert Hamilton Davis	West Jefferson
Jesus Rafael Diaz Lopez	Rio Caribe, Venezuela
John Maigrig Ellen	Winston-Salem
James Harris Fitzgerald, Jr.	Winston-Salem
Dennis Samuel Hauser	Winston-Salem
Nelson Percy Ingram, III	Pleasant Garden
Dennis Leo Kerley	Durham
William Milan Korman, Jr.	Richmond, Va.
John David McClain	Enka
David Herbert McRee	Maiden
Stephen Norcross Macintosh	Boca Raton, Fla.
Schappi Marsh	Raleigh
Robert Scheffer Metz	Elkin
Clemon Theron Miller, Jr.	Erwin
James Mason Mitchell, Jr.	Winston-Salem
Wallace Pool Sizemore	South Boston, Va.
Emory Randolph Snyder	Waynesboro, Va.
Terry Grant Sparks	Winston-Salem
James Kilby Strickland	Dunn
Eugene Frank Strupe, Jr.	Tobaccoville
Charles Thomas Sumner	Charlotte
Robert Andrew Webber	Flushing, N. Y.
Williard Hugh Whitley	Selma
Robert Frank Williams	Raleigh
Larry Kent Williamson	Durham
Leonard Wayne Yeargan	Durham

BACHELOR OF SCIENCE IN FURNITURE MANUFACTURING AND MANAGEMENT

Thomas Kearns Carter	Asheboro
Frank Raynard Clay	High Point
Daniel Woodrow Coulter	Hickory
Ronald Watkins England	Morganton
‡Cecil Dane Hamilton, Jr.	Newland
Thomas Wayne Myers	High Point
Geoffrey Reid Perry	Hickory
Kenneth Craig Thompson	Baltimore, Md.

BACHELOR OF SCIENCE IN GEOLOGICAL ENGINEERING

Albert Weaver Addington	West Jefferson
‡Mickey Philip Head	Matthews
Albert Vanmeter Lewis, Jr.	Farmville
Charles Stephen Wolff	Raleigh

‡ In Absentia

BACHELOR OF SCIENCE IN INDUSTRIAL ENGINEERING

Maurice Ramon Acra	Port-Au-Prince, Haiti
John William Bartelme	Readington, N. J.
Melville William Cave, Jr.	Westfield, N. J.
Dennis Darrell Cook	Fayetteville
* John Albert Dudeck, Jr.	Bedford, Va.
Kenneth William Haigler	Monroe
* James Everett Higgins	Morganton
* Jack Caldwell Ketner, Jr.	Hickory
Benny Granville Morgan	Asheboro
Stephen Edmond Nichols	Durham
Walter Rankin Owen	Wilmington, Del.
* Edward Stokes Parrish, III	Durham
James Foy Parsons	West Jefferson
Stephen Charles Smith	Albemarle
Littleton Grimes Stephenson, Jr.	Raleigh
Walter Bruce Williams	Raleigh

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

Roy Houston Allred, Jr.	Greensboro
* John Francis Bohland, Jr.	Tobaccoville
* Jack Norman Boone	Asheville
James Hill Breeden	Elizabeth City
Richard Clyde Caudle	High Point
William Charles Cekal, Jr.	Sarasota, Fla.
George Edward Connaughton, Jr.	New Bern
* Richard Raymond Connor	Delco
* Frederick Horton Ellington	Zebulon
* Floyd Joe Farmer	Brevard
Steve Allen Fox	Granite Falls
* Luther Ellis Galyon, Jr.	Asheboro
* George Clark Greene	Morganton
Wayne Eugene Hall	Columbus
* John Arthur Hawkins	Gastonia
Robert Lewis Humphrey	Lumberton
Tommie Lynn James	Raleigh
* John Howard Lasley	Lancaster, S. C.
James Gaston Linville	Lexington
Jack Isom Lunsford, Jr.	Yadkinville
George Frederich Manska	Fayetteville
William Robert Mantply, Jr.	Cary
Dwaine Elbyrne Mattox	Virginia Beach, Va.
Jerry Wayne Mitchem	Bessemer City
Michael Julius Moran	New Bern
James Long Newsom, Jr.	Durham
* Ernest William O'Neil, Jr.	Clayton
* Thurman Lee Overcash	China Grove
Henry Hoke Parrish	Hampton, Va.
Robert Murray Rawls	Statesville
Robert Alton Reid	Hampton, Va.
* James Randolph Rooker	Wilmington
† Joseph Clark Ross	Matthews
Gary Daniele Salvaggio	Valdese
James William Schout, Jr.	Charlotte
Grady Lee Simmons	Lumberton
Robert Ronald Stamey	Belmont
Kenneth Arvol Stanley	Shelby

* Honors

** High Honors

† In Absentia

John Lennon Sullivan, Jr.	Fort Lauderdale, Fla.
*Mathai Soman Thomas	Charlotte
Harold Crayton Threatt, Jr.	Charlotte
James Preston Tucker, III	Wilmington
Horace Henry Vance, III	Winston-Salem
Larry Scott Waddell	Raleigh
Steven Leslie Washington	Gillette, N. J.
Charles Conley Wilson, III	Wilmington

BACHELOR OF SCIENCE IN METALLURGICAL ENGINEERING

‡Rodney Lee Dail	Elizabeth City
Killian Daniel Efrid	Charlotte
Charles Rodney Frye	Mount Airy
Fred Ransom Goodnight, Jr.	Kannapolis
Alan Norwood Jackson	Raleigh
Phillip Glenn Kinken, Jr.	Canton
‡Christopher Koszewski	Charlotte
James Alexander McKee	Alexandria, Va.
Joe Gordon Moore, Jr.	Atlanta, Ga.
*Jimmie Ray Peddycord	Kernersville
*John Neal Philbrook	Athens, Ga.
David Leroy Pruette	High Point
*Hubert Gray Reavis, Jr.	Yadkinville
James Clarke Shugart	Yadkinville
Harold Gray Simpson, Jr.	Beaufort
Thomas Roscoe Smith, Jr.	Kernersville

BACHELOR OF SCIENCE IN NUCLEAR ENGINEERING

Lester Kyle Aldrich, II	Raleigh
*James Challie Carter, III	Raleigh
••Richard Kent Cothren	McComb, Miss.
*Donald Kent Davis	Fayetteville
*Ted Whitfield Fowler	Durham
James Brooks Gee	Burlington
*Kenneth David Kirby	Morganton
Stephen Paul Lamonde	Portsmouth, N. H.
Michael Wayne Lewis	Carolina Beach
Andrew Mathew McCauley, Jr.	Raleigh
Thomas Arthur Peterson	Cape Elizabeth, Me.
Hinton Thomas Snead	Williamston
*William Terrell White	Tampa, Fla.
Jerry Kenneth Yarborough	New Bern

* Honors •• High Honors ‡ In Absentia



BACHELOR OF SCIENCE IN FOREST MANAGEMENT

Roy Elton Blackwood	Raleigh
William Sanford Callahan	Lynchburg, Va.
Douglas Michael Chappell	Candor
Ralph Maddrey Cullom	Roanoke Rapids
*James Patrick Cunningham	Durham
*John Sidney Durham	Aberdeen, Md.
*Joseph Henry Hughes	New Bern
Kenneth Malcolm Johnson	Fredonia, N. Y.
Larry Richard Johnston	Charlotte
Rex Buddy Mann	Candler
Chris Eugene Nielsen	Vienna, Va.
*Kurt Jon Peterson	River Vale, N. J.
*Paul Alton Schwab	Knoxville, Tenn.
Rudolph Thaddeus Shearin	Rocky Mount
William Dwight Smith	Baltimore, Md.
David Dixon Sparkman, III	St. Pauls
William Jefferson Wade, Jr.	Henderson
William Alexander Stewart Wright, Jr.	Denton, Md.

BACHELOR OF SCIENCE IN PULP AND PAPER TECHNOLOGY

*Ernest George Alexander, Jr.	Pine Bluff, Ark.
*Stanley Wayne Brewer	Plymouth
William Arnold Broughman	Marshall, Va.
David Arnold Coleman	Hillsborough
Narayan Chandra Deka	Gauhati, India
Douglas Lewis Hamilton	Pine Bluff, Ark.
Howard Waverley Harrell, Jr.	Roanoke Rapids
Ransom Victor Hinton	Nashville
William Wells Hood, Jr.	Raleigh
James Fountain Kear, II	Fernandina Beach, Fla.
*Ralph Huntley Mullis	Myrtle Beach, S. C.
George Gifford Pemble	Walden, N. Y.
*Walter Neal Reed	Pine Bluff, Ark.
Thomas Allen Tomlin	Georgetown, S. C.

BACHELOR OF SCIENCE IN RECREATION AND PARK ADMINISTRATION

Harry Lee Allsbrook, Jr.	Scotland Neck
Richard Freer Barker	Pompton Plains, N. J.
Ray Warriner Barlow	Crewe, Va.
David Von Brown	North Wilkesboro

* Honors

Thomas Lee Brown	St. Thomas, Virgin Islands
Bruce Bollinger Cooper	McLean, Va.
† Donald Ray DeArment	Burnham, Penna.
† Eric George Farel	Harbor Creek, Penna.
Pamela Harris Gable	Durham
Joseph Patrick Gavanhan, III	Reading, Penna.
Samuel Richard Gealy	New Castle, Penna.
William Thomas Gentry	Burlington
† William Joseph Hendley	Durham
George Edward Jones	Burlington
Joseph McLean Kelly	Raleigh
Hector Boyd Lee, Jr.	Tabor City
• Margaret Graham Long	Haw River
Diane Watkins Ramsey	Raleigh
Martin Glenn Sasser, Jr.	Tarboro
Jerry Edmond Simpson	Beulaville
James Michael Steele	Spencer
William Albert Stephenson	Raleigh
Thomas Ronald Wells, Sr.	Morganton
Gary Dean Whitman	Lock Haven, Penna.
Chesley Gerald Wise	Raleigh

BACHELOR OF SCIENCE IN WOOD TECHNOLOGY

• Gibbons Owen Ash, Jr.	New York City, N. Y.
Charles Alfred Creighton	Richmond, Va.
Sherwood Lawrence Jones, Jr.	Raleigh
Gail Lee Kittleson	South Wales, N. Y.
William Dunn LaRoque	Kinston
Richard Kelly Lowdermilk	Norman
Dennis Alvin Necker	Charlotte
William Bythewood Scheider	Hilton Head Island, S. C.

School of Liberal Arts



BACHELOR OF ARTS

Joseph Garland Asbell	Tyner
Charles Edward Autry	Dunn
William Benjamin Aycock	Raleigh
William Butler Bailey	Salisbury

• Honors † In Absentia

•• Patricia Donohoe Beamer	Roanoke, Va.
William Atkinson Benson	Charlotte
• Bryan Leslie Boulier	Raleigh
Steven Cole Bradford	Raleigh
Henry David Brandenberg	Lakewood, N. J.
Frank Donald Braswell	Raleigh
Robert Lee Brooks, Jr.	Raleigh
Barbara Ann Brown	Raleigh
• Judith Carroll Brown	Raleigh
George Allen Burwell	Greensboro
Ronald Lee Canady	Aurora
Barney Abram Carroll, Jr.	Spray
• Ronald Vernon Carver	Raleigh
† Katherine Merritt Chambers	Lumberton
Martha Martin Chandler	Salisbury, Md.
Harry Hilliard Clendenin, III	Greensboro
Reynolds Craig Clodfelter	Lexington
William Roy Colquitt, Jr.	Concord
Howard Wayne Daniel	Greensboro
• Sara Rebecca Davenport	Statesville
• Donald Arthur Davis	Raleigh
John William Dickey, Jr.	High Point
Gurney Lewis Dixon	Mount Airy, Md.
Farris Allen Duncan	Timberlake
Ronald Lee Dunlevy	Newell, W. Va.
Payton Edward Dunn, Jr.	Raleigh
James Edward Easley, Jr.	Walnut Cove
• Richard Durwood Edwards	Greensboro
Nancy Wilkins Eliades	Lumberton
Charles Curtis Finch	Raleigh
• Joseph Henry Foerch, Jr.	Milford, Conn.
Thomas Augustus Fraser, III	Raleigh
Sidney Carrick Gambill	Pittsburgh, Penna.
† Lynne Susan Gladstein	Durham
William Edward Grantmyre	New York, N. Y.
Martin Klapp Green, Jr.	Raleigh
Charles Edward Gruehn	Greensboro
• Betty Rogers Gunz	Raleigh
Charles Curtis Finch	Raleigh
George Franklin Hackney, Jr.	Durham
Mary Katherine Hand	New Bern
John Grayer Hassell, Jr.	Beaufort
William Michael Haswell	Raleigh
Elizabeth Engle Howard	Fuquay-Varina
Mary Susan Wallace James	Raleigh
Martin Jennings, III	Hickory
Randall Gilmore Johnson	Garner
• Sidney Thomas Johnson	Morrisville
• William Howard Johnson, Jr.	Walnut Cove
Charles Clarence Jones	Goldsboro
Bruce Terrell Keller	Forest City
James Paul Keziah, Jr.	Monroe
Jeffrey Steven Kohl	Greensboro
James Brantley Lambeth, Jr.	Raleigh
Sylvia Thorton Lazenby	Monroe
Tice Nichols Leonard, Jr.	Charlotte

• Honors

•• High Honors

† In Absentia

•Marianne Raia McGill	Charlotte
Richard Vardry McPhail, Jr.	Gastonia
Patricia Lea Millner	Raleigh
Sarah Mitchell	Raleigh
William Stacey Moore	Summit, N. J.
Carol Gilmore Morgan	Raleigh
†Charles Walter Morton	Raleigh
Dennis Francis Murphy	Raleigh
•Rachel Buchanan Nash	Wake Forest
Martha Joe Neal	Raleigh
†Dennis Allen Parker	Gastonia
Celia Ray Parsons	Burlington
Wilma Cecelia Peebles	Raleigh
•Carolyn May Pickett	Durham
Richard Grover Poindexter	Carthage
Gerald Tilman Pollard	Raleigh
Roger Dean Powell	Shelby
†Margot Towner Reeve	Raleigh
William Robert Riedel	Asheville
•Maurice Allen Schlak, Jr.	Bismarck, N. D.
†Frances Carolyn Sealey	Raleigh
Russell Graham Sherrill, III	Raleigh
Norman Stanley Smith	Waco, Tex.
Max Holt Strader, Jr.	Winston-Salem
Douglas Alan Unwin	Colorado Springs, Col.
John Raymond Vann	Charlotte
Valeria Paget van Voorhis	Raleigh
Brenda Johnson Vernon	Milton
James Joseph Waters	Tampa, Fla.
Jody Clayton Webb	Oxford
•Janet Leonard Wester	Louisburg
John Milton White	Raleigh
William Elliott White, III	Charleston, S. C.
Thomas Edison Williamson, Jr.	Raleigh
James Daniel Woodall	Smithfield
Don Leland Yelton	Shelby
Margaret Everhart Yonts	Thomasville

BACHELOR OF SCIENCE

Edward Adrian Martin	Raleigh
Robert Eugene Philips	Winston-Salem
†William Cooper Sargent, III	Coral Gables, Fla.
Jerry Paul Snow	Mount Airy
Terrell Everett Stevens	Raleigh
Richard Wayne Wheelless	Raleigh

School of Physical Sciences and Applied Mathematics



BACHELOR OF SCIENCE IN APPLIED MATHEMATICS

Mohammad Shah Ahmadzai	Kabul, Afghanistan
•James Arnold Blalock	Boiling Springs

• Honors

•• High Honors

† In Absentia

*Gary Marvin Brady	Newton
Robert Franklin Burch	Stovall
Thomas Lee Caudill, Jr.	North Wilkesboro
Albert Henderson Dobyns	Arlington, Va.
James Michael Ephland	Greensboro
Duncan Jake Floyd	Raleigh
Joseph Watkins Freeland	Charlotte
*Gayle Whitten Harbo	Raleigh
Paul Thompson Heilig	Salisbury
Lorenzo Oscar Hilliard	Pittsburgh, Penna.
*Watson Douglas Justice	Candler
Dennis Karl Macklin	Elizabeth City
••Margaret Emily Mann	Raleigh
William Stephen Middleton	Winston-Salem
*Wilbert Lee Murphy, Jr.	Fayetteville
‡*Lawrence Calvin Ross, Jr.	Greensboro
James Kimbrough Sheek, III	Mocksville
*Bruce Alger Whitaker	Morganton
Frederick Lewis Willis, III	Charlotte

BACHELOR OF SCIENCE IN CHEMISTRY

Samuel Richard Averette	Oxford
*John Edward Beraw	Greensboro
‡*Richard Wayne Eaker	Lincolnton
Dickey Edson Hoskins	Southern Pines
*Harvey Merton Iwerks	Forest City
William Gene Mann	Concord
Owen Ferrell Pharr, Jr.	Roxboro
••Thomas Lee Smith	Durham
Philip Stanley Vinson	Ahoskie

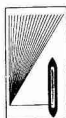
BACHELOR OF SCIENCE IN EXPERIMENTAL STATISTICS

Carl Weeman Bleicken	Hingham, Mass.
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BACHELOR OF SCIENCE IN PHYSICS

••Robert Thomas Gibbs	Rutherfordton
*Walter Gerald Gibson	Douglas, Ga.
Robert Eugene Philips	Winston-Salem
*Fred Terry Rogers, III	Ridgecrest, Calif.

* Honors ** High Honors ‡ In Absentia



BACHELOR OF SCIENCE IN TEXTILE CHEMISTRY

* John David Boaz	Albemarle
Davis Hayes Crater	Charlotte
** Terry L. Downes	Marshville
Vincent Kong Fang	Hong Kong
Emery Hooper Harris	Ossipee
Nelson Eddy Houser	Vale
Heath Brewer Howie, Jr.	Charlotte
* John Francis Murray	Cincinnati, Ohio
† Billy Wayne Noble	Belhaven
Robert Leo Paquette	St-Jean, Quebec, Canada
* Alain Peloquin	St-Hyacinthe, Quebec, Canada
†† Yves Sanche	St-Placide, Quebec, Canada
* Bradley Walter Smith	Greensboro
Melvin Lee Smith	Spencer
† Borys Sorokopud	Rainy River, Ontario, Canada
† Rejean Yvon St-Denis	Dunham, Quebec, Canada
Barry Dale Waldrop	Valdese
* Jerry Lee Wall	Greensboro
Stephen Land Whitten	Thomasville

BACHELOR OF SCIENCE IN TEXTILE TECHNOLOGY

James Monroe Allison	Concord
Michael Andrew Blair	Drummondville, Quebec, Canada
Zelbert Earl Boyd	Rose Hill
Frank Joseph Bucca	Hamilton, Ontario, Canada
John Edward Butts	Laurinburg
Wilton Everett Carter, Jr.	Marion
Richard Charles Cline	Kannapolis
Lenwood Earl Daniels, Jr.	Raleigh
† Robert Telesphore Daviau	Sorel, Quebec, Canada
Emmett J. Davis, Jr.	Rutherfordton
Robert Edward Dellinger	Albemarle
Hubert Langston Dutton, Jr.	Whiteville
Charles Anderson Edwards	Roxboro
Eben Reavis Edwards, Jr.	Raleigh
Forest Magness Edwards, Jr.	Rutherfordton
Stephen Leroy Ellis	Shelby
Vincent Kong Fang	Hong Kong
Rodney Tom Farlow	Greensboro
† Jack Kit Fong	Hong Kong
Keith Lesue William Frost	Orms town, Quebec, Canada
Lyle Dexter Gardner	Stella

* Honors

** High Honors

† In Absentia

Woodrow Parker Greene	Marion
Philip David Griffin	Red Oak
Johnny Antoine Handal	Port-au-Prince, Haiti
John Jefferson Hartley, II	Nebo
• Wade Latham Higgins, Jr.	Jacksonville
Chance Lee Roy Hill, Jr.	Rocky Mount
David William Thomas Hirsch	Charlotte
David Round Holman	Kannapolis
Emmett Fenner Hughes, Jr.	Henderson
Clarence Arnel Hustrulid, Jr.	High Point
Robert Lionel James	Wallace
Timothy Hawley Johnson	Marion
• Clifton Clark Jones	Bellevue, Neb.
Jan Morrison Kaley	Mt. Lebanon, Penna.
Julian West King	Kinston
Billy Arnold Knight	Henderson
Ernest Marshall Koebberling	Lenoir
Ernest Koella, III	Rockford, Tenn.
Larry Gene Lisk	Albemarle
Alfred Wayne Loftin	Catawba
Chester Reid Long, Jr.	Winston-Salem
Johnny Franklin Lowe	Mooreville
David Lee Lunceford	Rockingham
Glenn Robert Lyerly, Jr.	Salisbury
Fred Eugene Martin	Biscoe
James Willis Martin, Jr.	Lenoir
James LeRoy Mauney	Gastonia
Joel Thomas Merritt	Raleigh
Robert David Morgan	Salisbury
Herbert Stetser Murphy, Jr.	Moorestown, N. J.
• Murray Paul Murphy	Yarmouth, Nova Scotia, Canada
Harold George Petty	Sanford
Jimmy Lewis Privette	Raleigh
Ralph Saleeby	Wilson
• John Miller Scott	Greensboro
Pierre Lucien Seveno	Lachute, Quebec, Canada
William Garrison Smith, Jr.	Charlotte
James Ira Teat, Jr.	Charlotte
Kenneth Ashley Troutman	Greenville, S. C.
• Charles Leroy Tyson	Wadesboro
Hugh Logan Walker, Jr.	Shelby
William Donald Whicker, Jr.	Winston-Salem
Michael Jackson Whisenant	Charlotte
Ernest Stephen White	Colerain

Professional Degrees



Civil Engineer, Soil Mechanics and Foundation Option

George Roberts Wallace, Jr. Morehead City

Civil Engineer, Structural Option

Robert Winford Burnette
 Raleigh || John Burnette Hipsher | Raleigh |

• Honors

Robert Patton Hopkins	Raleigh
Civil Engineer, Transportation Option	
Juan Jose Acosta Vale	Maracaibo, Venezuela
Byron John O'Quinn	Lillington
Nestor Luis Rincon G.	Maracaibo, Venezuela

Electrical Engineer

Richard Earl Blake	Mechanicsville, Iowa
David Michael Craig	Bradford, Ark.
Bryant Wayne Giffin	Brookfield, Conn.
Charles Edward Harden	DeValls Bluff, Ark.
Robert Norman Norris, Jr.	West Hyattsville, Md.
Jabes Andrew Onder	Johnstown, Penna.
Bernard Warren Patton	Buffalo, N. Y.
William Ralph Wilson Jr.	Pittsburgh, Penna.

Industrial Engineer

Harender Singh Arora	Raleigh
David Walter McMillan	West Jefferson

Metallurgical Engineer

Larry Joseph Ferrell	Durham
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Masters Degrees



MASTER OF AGRICULTURE

Narayan Prosad Chattopadhyay	Calcutta, India
Daniel William Daly, Jr.	Garner

MASTER OF APPLIED MATHEMATICS

Charles Ray Brown, Jr.	Goldsboro
†Alan Browne Cheeseman	Wenham, Mass.
Walter Bradley Cummings	Raleigh
Fred Joseph Federici, Jr.	Raton, New Mexico
Stephen Michael Fulp	Kernersville
William Carlyle Hall, Jr.	Plymouth
†Thomas Francis Hughes	Raleigh
†Daniel Wood Krider	Statesville
Chao-Kuang Pian	Tientsin, China
Clarence Edward Reaver, Jr.	Gulfport, Miss.
†David Richard Smith	Raleigh

† In Absentia

MASTER OF BIOLOGICAL AND AGRICULTURAL ENGINEERING

Arthur Edwin BryantYadkinville

MASTER OF ECONOMICS

Herbert Emerson Atkinson, Jr.Raleigh
 Robert Herring BoydRaleigh
 Ivan Dunlavy Jones, Jr.Raleigh
 Jasper Whitfield Lee, Jr.Wilson
 ‡Prithvi Raj MathurJodhpur, India
 Edward Oscar ShrieveRaleigh
 Frank Page TaylorRaleigh
 Robert Fuller WickhamRaleigh

MASTER OF EDUCATION**Adult Education**

Frank Edward EmoryWilson
 John Edwin FoilReidsville
 Pauline Elizabeth MooreKinston
 Wayne Paysour SmithTroutman
 Bruce Henry WoodardRaleigh

Agricultural Education

John Leary HassellRaleigh

Industrial Arts Education

John Randolph GreenTarboro

Occupational Information and Guidance

Winifred Hardison CranorRaleigh
 ‡Louise Cunningham LatimerLangston, Okla.
 ‡Clarence Arthur McDaniel, Jr.Charlotte
 ‡Allen William RodehefferRaleigh
 James Ray SellersWingate

Vocational Industrial Education

Roland Leonel RoyCary
 William Allan DennisClearwater, Fla.

MASTER OF ELECTRICAL ENGINEERING

William Albin Bruwer, Jr.Greensboro
 Richard Lee KeeferHarrisburg, Penna.
 Theodore Clifford Miller, IIIWinston-Salem
 Darryl Raymond MoyersFairmont, West Va.
 Dinubhai Dahyabhai PatelGujarat, India
 ‡James Erving Paul, Jr.New Bern
 William Ford ShepherdRaleigh

MASTER OF EXPERIMENTAL STATISTICS

Richard Phillip ChiacchieriniWatkins Glen, N. Y.
 Stephen L. GeorgeHouston, Texas

‡ In Absentia

‡Thomas Johnson	Raleigh
‡William Frank Lott	South Montrose, Penna.
Victor Enrique Malpica	San Juan, Puerto Rico
‡John H. Nabors, Jr.	Winnsboro, Texas
Gerard Fritz Schreuder	Raleigh
‡Escolastico Negrin-Soto	Maracay, Venezuela
Evan Hsi-wen Sun	Shan-tung, China
Nancy Marie Swango	St. Albans, West Va.
Christina Kay Tarbox	Cleveland, Ohio
Roland Vencovsky	Piracicaba, Brazil
Fred Byers Warren	Annandale, Va.
Phyllis Anne Webb	Atlanta, Ga.

MASTER OF FORESTRY

‡Harold Kenneth Cordell	Marion
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MASTER OF TEXTILE TECHNOLOGY

Robert Lee Daniel, Jr.	Henderson
‡John Roger Dolina	Raleigh
Mark Hanna Shanker	Woodmere, N. Y.
Roberta Marie Tremain	Hespeler, Ontario, Canada

MASTER OF WOOD TECHNOLOGY

Joseph Edward Ayres	Oak Hill, West Va.
‡Normita Magsumbol Paz	San Pablo City, Philippines

MASTER OF ARTS

Economics

Theodore Panayotis Lianos	Athens, Greece
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MASTER OF SCIENCE

Adult Education

John Raymond West	Raleigh
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Agricultural Economics

‡Jose Luis Rodriguez	Lima, Peru
----------------------------	------------

Animal Ecology

Ming-Hung Lai	Hopi, Taiwan, China
---------------------	---------------------

Animal Science

William Thomas Ahlschwede	Crete, Neb.
Peter John Burfening	Littleton, Colo.
Poul Jensen	Copenhagen, Denmark
William Eugene Mainous	Canton

Biological and Agricultural Engineering

Sun-fu Shih	Raleigh
-------------------	---------

Botany

‡Aaron Earl Blair	Formosa, Kansas
‡Wendell Edgar Wall	Dover, Fla.

‡ In Absentia

- Ceramic Engineering**
‡Lawrence Duke BarnesAtlanta, Ga.
‡Apurva Rasiklal DesaiAhmedabad, India
- Chemical Engineering**
Norvin Aaron ClontzGlen Alpine
- Chemistry**
‡Robert Glenn Stoner, Jr.Richfield
‡Harold Junior TeagueFayetteville
- Civil Engineering**
Frederick Vaughn Beeson, Jr.Monroe
Arun ChatterjeeCalcutta, West Bengal, India
Glenn Roosevelt Smith, Jr.Arlington, Va.
Richard Douglas TaylorLenoir
Harold Dean VickRaleigh
- Crop Science**
Harold Dean CobleLiberty
- Electrical Engineering**
Perry Linwood GradyMount Olive
John Arvie Rudisill, Jr.Burlington
David Ronald SteinbergRaleigh
John Thomas WaitLaFayette, La.
- Engineering Mechanics**
Shen-tong LewTaipei, Taiwan, China
- Food Science**
Eric Ray Edgerton, Jr.Kenly
Roy Erwin Meece, Jr.Asheville
Kent Monroe SorrellsOklahoma City, Okla.
- Genetics**
Ann Gore SpencerIndian Head, Md.
- Geological Engineering**
Berkley Roger CarterVictoria, Texas
- Industrial Engineering**
‡Kewalkrishnan Madanmohan GuptaBombay, India
- Mathematics Education**
Robert Edward ColeGuilford
‡Gene Beauregard MercerBeulahville
- Mechanical Engineering**
Vipinchandra Raojibhai AminGujarat, India
Chu-chen ChenTaipei, Taiwan, China
‡Nuruddin Dawoodbhai GhadialiBombay, India
‡Mohanalal Savji MansuriaGujarat, India
David King MillerKensington, Md.
‡Manhar Bhalchandra NandaniGujarat, India
‡Gautam Chhaganlal ShahBombay, India

‡ In Absentia

Metallurgical Engineering

- ‡Mitchell Wall Haller, Jr. Richmond, Va.
 ‡Chong Hee Kim Seoul, Korea
 ‡Amrishi Vipin Munim Bombay, India

Microbiology

- ‡Angelyn Cleaves Sills E. Stroudsburg, Penna.

Nuclear Engineering

- J. Hollis Victor McCrea, Jr. Pinhurst, Idaho
 Kueng Yeh Taipei, Taiwan, China

Occupational Information and Guidance

- ‡Renitta Lee Goldman Raleigh
 Edith Taft Grosch Raleigh

Physics

- ‡Harry Thomas Bentley, III Charlotte
 Charles Ned Harward Willow Spring
 Robert Haygood Lasseter Miami, Fla.
 Ramesh Kumar Mathur New Delhi, India

Plant Pathology

- ‡Arturo Osoreo-Duran Lima, Peru

Plant Physiology

- ‡Thomas Enrico Ferrari Henrietta, N. Y.

Psychology

- ‡Elizabeth Anne Carr-Harris Raleigh
 ‡Lynne Eleanora Siebert Sacramento, Calif.

Rural Sociology

- Merrybelle Dean England Raleigh

Textile Chemistry

- Charles Dwaine Livengood Raleigh
 Haci Ali Oner Erzurum, Turkey

Textile Technology

- ‡Tevfik Mete Kantar Izmir, Turkey
 Jimmy Ben Summitt Cherryville

Wildlife Biology

- Albert Mason Smith Elizabeth City

Wood Technology

- Bennett Ray Baird Raleigh

Zoology

- ‡Martin James Barrier Jonas Ridge
 ‡Ned Britt Smith Winston-Salem
 Kenneth Robert Tenore Cambridge, Mass.

‡ In Absentia

Doctor of Philosophy Degrees

- Dissertation: Ernest Stokes Armstrong, Jr., Applied Mathematics
An Algorithm for the Iterative Solution of a Class of Two-Point Boundary Value Problems Occurring in Optimal Control Theory. (Under the direction of Hans Sagan).
- ‡Dissertation: Edward Louis Battiste, Experimental Statistics
Prior Information and Ill-Condition in Regression Systems. (Under the direction of Richard Loree Anderson).
- Dissertation: Harold Richard Behrman, Physiology
Effect of Taste and Diet on Canine Pancreatic Secretion. (Under the direction of Morley Richard Kare).
- Dissertation: Charles William Bostian, Electrical Engineering
The Loop Antenna Loaded with Active Elements. (Under the direction of Frederick Joseph Tischer).
- ‡Dissertation: Thomas Glenn Brown, Economics
Estimating the Production Potential of Selected Vegetable Crops for Processing in Southeast Missouri. (Under the direction of William Douglas Toussaint).
- Dissertation: Nyal Dwight Camper, Crop Science
Sorption of Substituted Phenylamides to Proteins. (Under the direction of Donald Edwin Moreland).
- ‡Dissertation: Eduardo Casas, Genetics
A Study of Heterosis among Collections Representing Three Mexican Race Composites of *Zea Mays* L. (Under the direction of Warren Durward Hanson).
- Dissertation: Ronald Peter Christman, Nuclear Engineering
Xenon-133 Diffusion in Single Crystal Cesium-Iodide. (Under the direction of Thomas Smith Elleman).
- Dissertation: Daniel Layten Davis, Crop Science
Changes in Soluble Protein Fraction During Cold Acclimation Plus the Effects of Certain Nutrients and Stress Conditions on Winterkill of *Cynodon* spp. (Under the direction of William Best Gilbert).
- ‡Dissertation: James Arthur DeShazer, Biological and Agricultural Engineering
Heat Loss Variations of the Laying Hen. (Under the direction of Kenneth Allan Jordan and Charles Wilson Suggs).
- ‡Dissertation: Buddy Leroy Dillman, Economics
Local Government Social Overhead Expenditures and Economic Growth in the Appalachian Region. (Under the direction of Paul Reynolds Johnson).
- ‡Dissertation: Jan Dirk Dolman, Soil Science
Genesis, Morphology, and Classification of Organic Soils in the Tidewater Region of North Carolina. (Under the direction of Stanley Walter Buol).
- Dissertation: William Perry DuBose, Jr., Entomology
The Sensory Structures on the Antennal Flagella of *Hippelates* Eye Gnats (Diptera: Chloropidae). (Under the direction of Richard Charles Axtell).

‡ In Absentia

- ‡ Joseph Allen Fox, Plant Pathology
Dissertation: Biological Studies of the Blueberry Root Knot Nematode (*Meloidogyne carolinensis* n. sp.) (Under the direction of Carlyle Newton Clayton).
- Billy Joe Gilpin, Applied Mathematics
Dissertation: On the Iterative Serial Decomposition of Sequential Machines. (Under the direction of Makoto Itoh).
- Jay Howard Glasser, Experimental Statistics
Dissertation: A Stochastic Model for Industrial Illness Absenteeism. (Under the direction of William Jackson Hall).
- ‡ James Lupton Hedrick, Economics
Dissertation: Measurement and Explanation of Factor Returns under the Flue-Cured Tobacco Program. (Under the direction of George Stanford Tolley and William Douglas Toussaint).
- ‡ Peter Frederick Heinstejn, Animal Science and Biochemistry
Dissertation: The Biosynthesis of Gossypol. (Under the direction of Frank Houston Smith and Samuel B. Tove).
- ‡ Thomas Otis Henderson, Animal Science and Microbiology
Dissertation: Control of Fatty Acid Synthesis in *Lactobacillus plantarum*. (Under the direction of John Joseph McNeill).
- Jafar Hoomani, Applied Mathematics
Dissertation: Application of Symmetric Functions to Parcel and Group Distributions in Occupancy Theory. (Under the direction of Jack Levine).
- Fulvio Antonio Iachetta, Mechanical Engineering
Dissertation: An Investigation of the Application of Langmuir Probe to Measurement in a Flowing Collisionless Plasma. (Under the direction of Frederick Otto Smetana).
- Sharon Wesley Jackson, Genetics
Dissertation: A Biosystematic Study of *Rumex hastatulus*. (Under the direction of Benjamin Warfield Smith).
- ‡ Marvin Jay Karson, Experimental Statistics
Dissertation: Bias and Variance Criteria for Estimators and Designs for Fitting Polynomial Responses. (Under the direction of Robert John Hader and Allison Ray Manson).
- Yoon Chang Kim, Botany
Dissertation: The Desmidiaceae and Mesotaeniaceae in North Carolina. (Under the direction of Larry Alston Whitford).
- ‡ Gangaram Kotumal Kripalani, Economics
Dissertation: Net Migration Response Differentials by Age, Sex and Color for the United States. (Under the direction of George Stanford Tolley).
- ‡ Fred Thomas Ledig, Genetics
Dissertation: Variation in Photosynthesis and Respiration in Loblolly Pine (*Pinus taeda* L.) Progenies. (Under the direction of Thomas Oliver Perry).
- Hugh Lupton Liner, Economics
Dissertation: An Economic Analysis of Vegetable Production for Processing in Southeastern North Carolina. (Under the direction of William Douglas Toussaint and Ernest Caleb Pasour).

‡ In Absentia

- Dissertation: Michael Anthony Littlejohn, Electrical Engineering
Influence of Co⁶⁰ Gamma Irradiation on the Bulk and Surface Recombination Rates in Silicon. (Under the direction of Robert Walter Lade).
- Dissertation: †Craig Kendall Losche, Soil Science
Soil Genesis and Forest Growth on Steeply Sloping Landscapes in the Southern Appalachians. (Under the direction of Ralph Joseph McCracken and Charles Bingham Davey).
- Dissertation: Avraam Louca Louca, Animal Science
Production Losses in Dairy Cattle Due to Days Open. (Under the direction of James Edward Legates).
- Dissertation: James Reginald Maus, Jr., Mechanical Engineering
Fully Developed Magnetogasdynamic Flow Between Diverging Plane Walls. (Under the direction of James Clifford Williams, III).
- Dissertation: Lolita Austria Meksongsee, Animal Science
The Effects of Gossypol on Certain Enzymes in Cellular Fractions of Animal Tissues. (Under the direction of Frank Houston Smith).
- Dissertation: James John Nagle, Genetics
Polymorphism, Introgression, and Fitness in Experimental Populations of *Drasophila*. (Under the direction of Lawrence Eugene Mettler).
- Dissertation: †Roberto Nunez-Escobar, Soil Science
Plant Population, Row Width and Nitrogen Rate as Factors Influencing Yield, Leaf Area, Nitrogen Uptake and Other Characteristics of Corn. (Under the direction of Eugene John Kamprath).
- Dissertation: †Manubhai Tribhovandas Parmar, Crop Science
Use of CARBOWAX Polyethylene Glycol 6000, Mannitol and Sodium Chloride for Simulating Drought Conditions during Germaniation and Seedling Growth of Corn (*Zea Mays L.*). (Under the direction of Robert Parker Moore).
- Dissertation: Thomas George Roberts, Physics
Experimental Verification of Self-Focusing in Intense, Relativistic, Electron Beams. (Under the direction of Willard Harrison Bennett).
- Dissertation: †David Charles Ruesink, Rural Sociology
A study of the Seminary Student's Perception of Practitioner Roles to be Performed by the Minister. (Under the direction of Selz Cabot Mayo).
- Dissertation: Chitaranjan Saran, Biological and Agricultural Engineering
Man-Machine Systems Approach to Farm Vehicle Steering Analysis. (Under the direction of Charles Wilson Suggs).
- Dissertation: Roger Kyle Seals, Civil Engineering
The Effect of Pore Water Flow Characteristics on the Consolidation of Fine-Grained Soils. (Under the direction of Harvey Edward Wahls).
- Dissertation: Carl Thomas Settlemyre, Biochemistry
Investigation of Zinc Interference with Iron Metabolism. (Under the direction of Gennard Matrone).

† In Absentia

- ‡Floyd Wilson Thomas, Jr., Mechanical Engineering
 Dissertation: The Simultaneous Determination of Transport Coefficients of a Solid in a Magnetic Field. (Under the direction of Munir Ridha El-Saden).
- ‡Wallace Lee Trent, Zoology
 Dissertation: Gill Net Selection, Size and Age Composition, Migration Patterns, and Sex Ratio of Striped Bass Populations in the Roanoke River, North Carolina. (Under the direction of William Walton Hasler).
- James Edward Via, Economics
 Dissertation: An Economic Analysis of Size and Locational Effects on Efficient Development of the Southeastern Egg Products Industry. (Under the direction of Richard Adams King and Ralph James Peeler, Jr.).
- Thomas William Waldrep, Crop Science
 Dissertation: Nitrogen Loss from Surface-Applied Urea Solutions and Influence of Herbicides on the Loss. (Under the direction of Glenn Charles Klingman).
- William Kershaw Walsh, Chemical Engineering
 Dissertation: The Effect of Water on the Kinetics and Diffusion in Radiation Grafting of Acrylonitrile to Cellulose. (Under the direction of Vivian Thomas Stannett).
- John Marvin White, Animal Science
 Dissertation: Characterization of Maternal Effects in Mice Selected for Body Weight. (Under the direction of James Edward Legates).
- Karen Marguerite Yarbrough, Genetics
 Dissertation: The Mode of Selection at the Esterase 6 Locus in *Drosophila melanogaster*. (Under the direction of Ken-ichi Kojima and Frank Bradley Armstrong).

‡ In Absentia

DEGREES CONFERRED

July 15, 1966

August 25, 1966

January 20, 1967

School of Agriculture and Life Sciences



BACHELOR OF SCIENCE IN BIOLOGICAL AND AGRICULTURAL ENGINEERING

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

James Avery Martin (July, 1966)	Lenoir
Robert Thomas Streeter (August, 1966)	Greenwood, N. Y.
*Elmer Floyd Wiggins (January, 1967)	Ayden

BACHELOR OF SCIENCE

Agricultural Economics

Robert Whitehead Allsbrook, Jr. (January, 1967)	Enfield
Craigg Austin Cordell (July, 1966)	Raleigh
Charles Carlyle Holt, Jr. (August, 1966)	Goldston
Richard Herman McLawhorn, III (August, 1966)	Ayden
Larry Reid Roberts (January, 1967)	Hillsborough
Jackie Carter Respass (July, 1966)	Pantego
Douglas Clyde Snipes (August, 1966)	Lancaster, S. C.
William Wesley Wachtel (January, 1967)	Spring Hope

Agronomy

Jimmy Glenn Askew, Jr. (January, 1967)	Conway
Frederick Earl Cumbo (January, 1967)	New Bern
Elbert Jordan Long (July, 1966)	Severn
Freeman Sidney Long, Jr. (January, 1967)	Hertford
Richard Lee Lowder (January, 1967)	Albemarle
*William Larry Rogers (January, 1967)	Mebane
James Anderson Woodard (January, 1967)	Conway

* Honors

Animal Science

Herman Elnathan Brown (January, 1967)	Wendell
Larry West Davis (January, 1967)	Albertson
Marvin Frederick Gaither, Jr. (July, 1966)	Statesville
John Fred Greeson (August, 1966)	Julian
Spurgeon Vanburen Hyder (January, 1967)	Rutherfordton
Ronald Lewis Shell (July, 1966)	Roanoke Rapids
Benny Aaron Womble (January, 1967)	Raleigh

Biological and Agricultural Engineering

James Elton Giles (July, 1966)	Godwin
Jimmy Walter Perry (July, 1966)	Zebulon

Biological Sciences

Joseph Russell Daughtry (January, 1967)	Raleigh
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Botany

**Brenda Elsa Linden (August, 1966)	Callowhee
*Mustafa Okten (July, 1966)	Siverek, Turkey

Crop Science

Jessie Thomas Bunn (July, 1966)	Zebulon
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Entomology

Timothy Holland Dickens (August, 1966)	Fuquay-Varina
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Food Science

Ralph Michael Keaton (January, 1967)	Elizabeth City
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Horticultural Science

James Dean Gilbert (January, 1967)	Chesnee, S. C.
Marshall Keith Hill (January, 1967)	Saluda
Oscar Waldo Winslow (January, 1967)	Belvidere

Poultry Science

William Ashley Caudle (July, 1966)	Peachland
Jerry Rayfield Cooper (August, 1966)	Haw River
Hubert Larry Tally (January, 1967)	Bear Creek

Rural Sociology

Robert Lee Brintle (July, 1966)	Raleigh
Edwin Borden Broadhurst, Jr. (August, 1966)	Smithfield
Sherman Louis Tomasino, Jr. (January, 1967)	Egg Harbor, N. J.

Soil Science

Richard Henry Loeppert, Jr. (August, 1966)	Raleigh
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Zoology

Sidney Marshall Adams (January, 1967)	Raleigh
Joseph Lee Arnette (July, 1966)	Raleigh
Thomas Gilliam Austin (July, 1966)	Willow Springs
Clyde Barry Averett (January, 1967)	Oxford
Joel McArthur Barden, Jr. (January, 1967)	Willard
**Nell Wade Beatty (January, 1967)	Mount Holly

* Honors ** High Honors

Willard Walter Cole, Jr. (July, 1966)	Whiteville
Robert Charles Frantz (January, 1967)	New Orleans, La.
James Spencer Fulghum, III (January, 1967)	Raleigh
James Francis Fulp, Jr. (January, 1967)	Stoneville
*William Kelly Gibbs, Jr. (July, 1966)	Reidsville
Kay Godwin Lucas (January, 1967)	Raleigh
Julian Curtis Meadows, III (July, 1966)	Charlotte
*Calvin Acuff Mitchell, III (January, 1967)	Atlanta, Ga.
Mark Lovel Nichols (January, 1967)	Newport News, Va.
Kenneth Roger Oppenheim (July, 1966)	Charlotte
David Carl Ramsey (July, 1966)	Raleigh
Phillip Leroy Senger (August, 1966)	Raleigh
Thomas Lee Vaughn (January, 1967)	Hickory

School of Education



BACHELOR OF SCIENCE IN EDUCATION

Agricultural Education

Jesse Stewart Clemmons (January, 1967)	Supply
Roy Albert Eubanks (July, 1966)	Trenton
James Edward Gribble (January, 1967)	Dallas
Willie Thomas Sorrell, III (July, 1966)	Tarboro

Industrial Arts Education

Alexander Palmer Heggie, Jr. (January, 1967)	Greensboro
Ronald William O'Connor (January, 1967)	New Bern
Leighton Houston Turner, Jr. (January, 1967)	Pink Hill

Mathematics Education

Alfonzo Ward Cox, Jr. (August, 1966)	Plymouth
John Michael Delaini (July, 1966)	Sparrows Point, Md.
David Lawrence Hamrick (January, 1967)	Elizabeth City
Robert Eugene Johnson (January, 1967)	Plymouth
Stuart Hassell Jones (July, 1966)	Maple Hill
Shelton Gene Meade (July, 1966)	Landover, Md.
William McKay Newton (July, 1966)	Parkton
Edwin Dwight Self (January, 1967)	Siler City
Joseph Cullen Stowe, Jr. (July, 1966)	Hamlet
Robert Frederick Sykes, Jr. (January, 1967)	Rocky Mount
Dennis Todd Tharp (January, 1967)	Fayetteville
James Abram Van Boskerck (January, 1967)	Pinebluff
Louis Samuel Watson, Sr. (August, 1966)	Garner

* Honors

Science Education

Douglas Edwin Brogden (January, 1967)	Marshall
Jesse Louis Capps (January, 1967)	Raleigh
Robert Speers Leonard, Jr. (January, 1967)	Black Mountain
Robert Guinn Whisnant, Jr. (January, 1967)	Kings Mountain

Vocational Industrial Education

David Michael Parker (January, 1967)	Kill Devil Hills
Vine Allen Tolson (January, 1967)	Newport

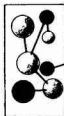
BACHELOR OF SCIENCE IN INDUSTRIAL ARTS

Charles Lindsey Boone (July, 1966)	Rocky Mount
Jack Lee Christopher (July, 1966)	Mebane
James Gilbert Cox (January, 1967)	Lexington
Horace Mitchell Culver (January, 1967)	Rockingham
Fred Aull Fogle (January, 1967)	Shelby
Phillip Darrell Goforth (August, 1966)	Monroe
Willard David Inscoc (January, 1967)	Nashville
James Mihailoff (January, 1967)	Steelton, Penna.
Ronald Lawrence Miller (July, 1966)	West Islip, N. Y.
John Peter Monago, Jr. (January, 1967)	Bradford, Penna.
William Bucford Morgan, Jr. (January, 1967)	Louisville, Ky.
Lavern William Tagge, Jr. (January, 1967)	Hamlet

BACHELOR OF SCIENCE IN RECREATION AND PARK ADMINISTRATION

Harry Edward Anderson (January, 1967)	Louisa, Va.
Gus Leno Andrews, Jr. (January, 1967)	Tarboro
Elaine Parker Dunshee (January, 1967)	Pollocksville
Charlotte Elizabeth Farris (January, 1967)	Wilson
William Woodley Foreman, Jr. (January, 1967)	Elizabeth City
Anthony Joseph Golmont, Jr. (July, 1966)	Beaver Falls, Penna.
Ronald John Kinek (January, 1967)	Nesquehoning, Penna.
James Edward Kraus (January, 1967)	Teaneck, N. J.
Don Tracy Linker (January, 1967)	Concord
*Barry Sanford Tindall (January, 1967)	Edinburg, N. J.
John Eugene Turco (July, 1966)	New Castle, Penna.
William Nevel Wyland (January, 1967)	Lock Haven, Penna.

School of Engineering



BACHELOR OF SCIENCE IN AEROSPACE ENGINEERING

Nolan Sherman Engle (July, 1966)	Hendersonville
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* Honors

Jonah Donald Hodge (July, 1966)	Wendell
William Parker Marsh (July, 1966)	Monroe
Leo Grant Miller, Jr. (July, 1966)	Boonville
Thomas Spencer Nelson (July, 1966)	Kannapolis
John Albert Tanner (July, 1966)	Siler City
Robert Buist Till (January, 1967)	Asheville
Lawrence Tirrell Wilder (July, 1966)	Coco Solo, Canal Zone

BACHELOR OF SCIENCE IN CERAMIC ENGINEERING

Joseph Bowling Stone, Jr. (January, 1967)	Raleigh
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BACHELOR OF SCIENCE IN CHEMICAL ENGINEERING

Donald Jackson Ashworth (January, 1967)	Brevard
Larry Gordon Jones (August, 1966)	Hendersonville
Robert Lee Looper (August, 1966)	Charlotte
Vanoy Bruce Miller (August, 1966)	Morganton
Delano Roosevelt Phelps (August, 1966)	Whiteville
James Clare Sanford (July, 1966)	Raleigh
Leo Randall Simpson (January, 1967)	Greensboro
Kelly Eugene Smith (January, 1967)	Altavista, Va.
Elton Glenn Tucker (January, 1967)	Carolina Beach

BACHELOR OF SCIENCE IN CIVIL ENGINEERING

Douglas Cale Blythe (July, 1966)	Franklin, Va.
Ronald James Bowers (August, 1966)	Charlotte
George Herbert Brisbin, Jr. (July, 1966)	Tampa, Fla.
Jerry Lee Carroll (August, 1966)	Benson
Joseph Ahrens Clendenin (January, 1967)	Wilmington
Harry Huitt Costner, Jr. (August, 1966)	Lincolnton
David Randolph Cox (August, 1966)	Snow Camp
Steven Joel Dave (July, 1966)	Asheville
Silas Bruce Davis (January, 1967)	Charlotte
Wade Elias Faires, Jr. (January, 1967)	Gastonia
George Coleman Gibson (January, 1967)	Raleigh
* Philip Rodney Hensley (January, 1967)	Bald Creek
Don Ralph Idol (August, 1966)	Kernersville
Ayhan Mehmet Ozerden (July, 1966)	Canakkale, Turkey
Norman Harrison Preslar (August, 1966)	Monroe
Owen William Synan, Jr. (August, 1966)	Durham
Robert Wright Young (August, 1966)	Durham

BACHELOR OF SCIENCE IN CIVIL ENGINEERING, CONSTRUCTION OPTION

Granville Worth Broome, Jr. (January, 1967)	Monroe
John Thomas Cox (July, 1966)	Whiteville
Larry Wayne Knott (July, 1966)	Winston-Salem
Claude Murray Lane (July, 1966)	Grandy
David Kenneth Leonard (July, 1966)	Lexington
Ted Lynn Murray (January, 1967)	Monroe
Major Charles Newsom, III (August, 1966)	Roanoke Rapids
Robert Albert Smyth (July, 1966)	Denton

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

Arfan Adel Awwa (January, 1967)	Damascus, Syria
George Ray Barrett (January, 1967)	Dunn

*** Honors**

Robert Edward Baurle (August, 1966)	Waukegan, Ill.
Richard James Bell (January, 1967)	Charlotte
Richard Charles Booth (August, 1966)	Raleigh
Larry Frederick Byard (July, 1966)	Liverpool, N. Y.
William Matthew Cowhig, III (August, 1966)	Greensboro
Eric Leonidas Dawson, III (January, 1967)	Rocky Mount
Excell Osborne Ferrell, III (July, 1966)	Durham
Warren William Fifield (January, 1967)	Plattsburgh, N. Y.
Carl Douglas Fulp (July, 1966)	Walkertown
Leonard Hatcher Habas (August, 1966)	Jacksonville
Thomas Dewey Harrill (January, 1967)	Asheville
Richard Anthony Hertzler (July, 1966)	Alexandria, Va.
James Albert Highsmith, III (January, 1967)	Raleigh
Frank LeRoy Hoeffcker (January, 1967)	Charlotte
Howard Eugene Holshouser, Jr. (January, 1967)	Salisbury
Phil Thomas Howard (January, 1967)	Cornelius
James Franklin Hoyle (January, 1967)	Hilderbran
Jerry MacArthur Johnson (January, 1967)	Kannapolis
* Alfred Thomas Kuhnemann, Jr. (January, 1967)	Statesville
Yates Miller McCachren, Jr. (August, 1966)	Harrisburg
Robert Edwin McCoy, Jr. (January, 1967)	Greensboro
* George Franklin McEver (January, 1967)	Davidson
William Hanson Malpass, III (August, 1966)	Goldsboro
Keith Rogers Moore (July, 1966)	Kannapolis
Marcus MacArthur Mullis (January, 1967)	Albemarle
Spencer William Saunders, Jr. (July, 1966)	Salisbury
Ahmad Ali Sbaiti (January, 1967)	Beirut, Lebanon
Ruben de Jesus Serrano Maestre (January, 1967)	Santiago de Cuba, Cuba
William Larry Sheppard (August, 1966)	Winston-Salem
Wyndham Malcolm James Southwell (January, 1967)	Wilkesboro
James William Sylvant (July, 1966)	Stedman
John Calvin Winslow (August, 1966)	Hurdle Mills
* Norman Henry Wolford (July, 1966)	Crosby, Minn.
Harry Holmes Wooden, III (July, 1966)	Cleveland Heights, Ohio

BACHELOR OF SCIENCE IN ENGINEERING MECHANICS

John Davis Barnes (August, 1966)	Ahoskie
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BACHELOR OF SCIENCE IN ENGINEERING OPERATIONS

Jimmie Dail Ashley (January, 1967)	Edenton
Warren David Baker (January, 1967)	Dallas
Glenn McRae Dail (January, 1967)	Mount Olive
Robert Burwell Davis (January, 1967)	Charlotte
Kermit Don Fidler (January, 1967)	Charlotte
Joel Gibson Hicks, Jr. (January, 1967)	Winston-Salem
Manly Jackson Hilton (January, 1967)	Greensboro
Ronald Eugene Huffman (August, 1966)	Hickory
Thomas Hubert Inman (August, 1966)	Morganton
Jack Leonard Kiser (July, 1966)	Sherrill's Ford
Paul Douglas Monday (January, 1967)	Falls Church, Va.
Donald Lee Moore, Jr. (January, 1967)	Brevard
Donald Malone Nanney (January, 1967)	Hendersonville
Lawrence Kenneth Newsome (January, 1967)	Richmond, Va.
James Terry Paton (January, 1967)	Charlotte

* Honors

** High Honors

Richard Allen Patton (January, 1967)	Winston-Salem
James Brinson Pringle (July, 1966)	Charlotte
Earl Warwick Riley (January, 1967)	Fayetteville
Ernest Lee Sapp (January, 1967)	Winston-Salem
John Edward Tefft, III (January, 1967)	Oxford
Richard Alan Van Derveer (January, 1967)	North Branch, N. J.
Craig Stephen Wilson (July, 1966)	Greensboro

BACHELOR OF SCIENCE IN FURNITURE MANUFACTURING AND MANAGEMENT

George Wesley Abernathy, Jr. (January, 1967)	Morganton
James Oliver Gargis (January, 1967)	Raleigh
Philip Lee Null (January, 1967)	Maiden

BACHELOR OF SCIENCE IN GEOLOGICAL ENGINEERING

Andrew Philip Schweers (August, 1966)	Winston-Salem
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BACHELOR OF SCIENCE IN INDUSTRIAL ENGINEERING

John Coombs Barker (August, 1966)	Salisbury
Franklin Riley Dozier, Jr. (January, 1967)	South Mills
Wallace Gerald Justus (August, 1966)	East Flat Rock
William Luther Morgan (July, 1966)	Raleigh
Ronald Stewart Smith (August, 1966)	Charlotte
James Avery Waller, Jr. (August, 1966)	Salisbury

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

William Curtis Baker (January, 1967)	Rocky Mount
Carl Alton Bizzell (July, 1966)	Surf City
Joseph Theodore Brown, Jr. (January, 1967)	Elkin
Carlton Lee Campbell, Jr. (August, 1966)	Raleigh
Floyd Willard Carmichael, Jr. (January, 1967)	Oxford
James Woodrow Fulton, Jr. (January, 1967)	Winston-Salem
Johnny Wayne Gibson (July, 1966)	Kannapolis
Eugene Douglas Gooch (January, 1967)	Stem
Donald Lewis Grady (January, 1967)	Mount Olive
Raymond Vernon Green (July, 1966)	Brevard
Charles David Helton (July, 1966)	Charlotte
* Charles Edward Holland (July, 1966)	Charlotte
Billy Richard Hurdle (July, 1966)	Hobbsville
Roger Baxter Huntley (July, 1966)	Charlotte
Willie Webster McDuffie (August, 1966)	Durham
Samuel Boston McGee (August, 1966)	Mount Airy
Thomas Mead McLamb (January, 1967)	Shalotte
Robert Glenn Maxwell, Jr. (January, 1967)	Asheville
James Eugene Morris (August, 1966)	Aiken, S. C.
Walter Lee Overcash, III (July, 1966)	Charlotte
Henry Wilson Patrick (January, 1967)	Mount Holly
Clarence Leon Peebles (July, 1966)	Oak Ridge
* Abdul Manan Rahmani (July, 1966)	Ghazni, Kabul, Afghanistan
Ronald Newman Roseveare (July, 1966)	Greenville
Woodrow Atkins Smith (July, 1966)	Parkersburg
Herbert Warren Stanford, III (July, 1966)	Charlotte
Robert Turnage Stewart (August, 1966)	Raleigh
James Joseph Sullivan (January, 1967)	Raleigh

* Honors ** High Honors

Franklin Norwood Thompson (August, 1966)	Setraa
Benjamin Mitchell Waldo (July, 1966)	Hope Mills
Robert James Wendland (January, 1967)	Bloomington, N. Y.
Nicholas Francis White, III (January, 1967)	Charlotte
Allen Powers Winslow (August, 1966)	Greensboro

BACHELOR OF SCIENCE IN METALLURGICAL ENGINEERING

Gene Irvin Ebron (July, 1966)	Morehead City
Larry Joseph Ferrell (August, 1966)	Durham
Carmon Harris Huckabee (August, 1966)	Durham
Joseph Hubert Spencer, Jr. (August, 1966)	Charlotte

BACHELOR OF SCIENCE IN NUCLEAR ENGINEERING

Charles Phillip Barrow (July, 1966)	Raleigh
Gordon Randel Bond (July, 1966)	Bluefield, West Va.
John Grady Connelly, Jr. (July, 1966)	Wilmington
George Montague Holton, Jr. (January, 1967)	Raleigh
Milton Dargen Hopkins, Jr. (August, 1966)	Charlotte
Robert Eugene Miller (July, 1966)	Charlotte
Richard Andrew Sessoms (January, 1967)	Apex
Perry Lee Ward (July, 1966)	Canton
Robert Ferman Wardell (August, 1966)	Charlotte
*David Bruce Washburn (January, 1967)	Boiling Springs
Ralph Boyce Weston, Jr. (January, 1967)	San Antonio, Texas

School of Forestry



BACHELOR OF SCIENCE IN FOREST MANAGEMENT

Leslie Lorin Brouillard, Jr. (January, 1967)	Rich Square
William Thomas Caroon (August, 1966)	Poplar Branch
Steven Smith Dalton (January, 1967)	Monticello, Ky.
George Richards Gwinn, Jr. (January, 1967)	Arlington, Va.
John James McLaughlin (January, 1967)	Darien, Conn.
William Alvin Reynolds (July, 1966)	Rockingham
Walton Worth Rogers (July, 1966)	Charlotte
Dennis James Romesburg (January, 1967)	Arlington, Va.
Benedict Paul Schwanda (January, 1967)	Old Greenwich, Conn.

BACHELOR OF SCIENCE IN PULP AND PAPER TECHNOLOGY

James Thomas Watson (January, 1967)	Plum Tree
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BACHELOR OF SCIENCE IN WOOD TECHNOLOGY

Henry Carl Collins, Jr. (January, 1967)	Bryson City
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* Honors

Alva Simpson Cromartie, II (August, 1966)	Fayetteville
*Daniel Alberto Gaitan (January, 1967)	Bogota, Colombia, S. A.
James Stanley Hedgecock (January, 1967)	Greensboro
Ronald Bethune McMillan (January, 1967)	Rocky Mount
Francis Tomlinson Moss (August, 1966)	Fayetteville
Edward Douglas Parks (January, 1967)	Fayetteville

School of Liberal Arts



BACHELOR OF ARTS

*Louis John Akerman (August, 1966)	Raleigh
Edward James Anderson (August, 1966)	Raleigh
David Thomas Bevan (January, 1967)	Duquesne, Penna.
Thomas Wilbur Blalock (January, 1967)	Winston-Salem
Harold Earl Blondeau (January, 1967)	Calais, Me.
Thomas Gerald Boan (July, 1966)	Statesville
William Crosswell Bowen, Jr. (July, 1966)	Raleigh
Michael Lee Bowman (January, 1967)	Julian
Roderick Wilson Bradley (January, 1967)	Marion
Franklin Douglas Brown (January, 1967)	Fayetteville
George Baldwin Brown, Jr. (January, 1967)	Scotland Neck
*Lucy White Burgess (August, 1966)	Raleigh
**Stephen John Carrig (January, 1967)	Fayetteville
**Carol Jean Chacto (January, 1967)	Jacksonville
Suzanne Marie Chiotakis (July, 1967)	Morrisville
Ambrose Schenck Cline, Jr. (August, 1966)	Raleigh
John Paul Combs (July, 1966)	Vilas
Harold Cone (August, 1966)	Winston-Salem
*Mary Elizabeth Daniel (August, 1966)	Cary
*Shirley Marie Daniel (January, 1967)	Kannapolis
Peter Rutledge Davis (August, 1966)	Wilmington
*Susan Lynn Davis (August, 1966)	Raleigh
William Joseph Davis, III (August, 1966)	Wilson
William Edward Downey, Jr. (January, 1967)	Durham
John Roquemore Floyd, Jr. (August, 1966)	Raleigh
Robert James Gould (January, 1967)	Mangohick, Va.
Richard Wayne Gray (August, 1966)	Wanchese
Henry Newbold Griffin (January, 1967)	Elizabeth City
Henry Newbold Griffin (January, 1967)	Elizabeth City
Jerry Steven Goodson (August, 1966)	Lincolnton
Lynn Reavis Hallock (January, 1967)	Moorestboro
*Martha Lynn Haywood (August, 1966)	Raleigh

* Honors

** High Honors

Ronnie Supton Gray (Jan '67) ... Elizabeth City

Peter Foster Heyd (August, 1966)	Salisbury
Robert Paul Hill (August, 1966)	Shelby
*Laura Jones Hopkins (August, 1966)	Thomson, Ga.
Vance Efrid Huneycutt, Jr. (January, 1967)	Albemarle
Arthur Rodebaugh Wagner Jarvis (January, 1967)	Babylon, N. Y.
*Jacquelyn Crawley Jeffries (January, 1967)	Raleigh
Nandor Paul Kozma (August, 1966)	Swansburg
James Sumner Lee, Jr. (January, 1967)	Durham
James Ernest Maynard, Jr. (January, 1967)	Raleigh
*James William Michaels, Jr. (July, 1966)	Durham
*Burley Bayard Mitchell, Jr. (August, 1966)	Raleigh
*Mary Rea Moore (January, 1967)	Raleigh
Francine Mary Netter (August, 1966)	New York, N. Y.
Larry Nobles (January, 1967)	Chadbourn
Clifford Leroy Oakes (January, 1967)	Ahoscie
Marilynn Shull Olson (January, 1967)	Raleigh
William Hammond Paris (January, 1967)	Raleigh
William Soper Pettit, 3rd (July, 1966)	Raleigh
Luther Lee Potter, Jr. (August, 1966)	Wilmington
William Earl Pritchard, Jr. (August, 1966)	Hopewell, Va.
Michael Stuart Shulimson (August, 1966)	Asheville
Brendan Eugene Smyth (August, 1966)	Great Neck, N. Y.
Walter Lee Stroud, Jr. (January, 1967)	Ayden
Garrett Lee Thomas (August, 1966)	Sparta, N. J.
*Glen David Thompson (August, 1966)	Geneva, Ala.
Russell Grady Vance (January, 1967)	Burlington
James Thomas Ward (August, 1966)	Galax, Va.
Nancy Weinstein (January, 1967)	Raleigh
Charles Ross Wilson (January, 1967)	Durham
Norma Wright (August, 1966)	Willard
Peter Lee Wright (August, 1966)	Fort Bragg

BACHELOR OF SCIENCE

Benjamin Taylor Beaver (July, 1966)	Salisbury
Jesse Cornelius Brackett, Jr. (July, 1966)	High Point
James Emmett Fisher (January, 1967)	Asheville
Charles Thomas Gurkin, Jr. (July, 1966)	Plymouth
Joseph David Hancammon (January, 1967)	Wilmington
Ralph Benjamin Merrill, Jr. (January, 1967)	Winston-Salem
Joseph Randolph Nunnery, Jr. (August, 1966)	Autryville
Henry Austin Turlington (August, 1966)	Salisbury

* Honors

** High Honors

School of Physical Sciences and Applied Mathematics



BACHELOR OF SCIENCE IN APPLIED MATHEMATICS

Frank Everett Adams, Jr. (July, 1966)	.....Garden City, N. Y.
Thomas Mason Clark (August, 1966)	.....Burlington
*Ronald Sheldon Elliott (July, 1966)	.....Nelsonville, Ohio
William Royal Fairchild (January, 1967)	.....Winston-Salem
**Penelope Skordas Haskins (January, 1967)	.....Clearwater, Fla.
Siegbert Heinz Hentschel (January, 1967)	.....Fayetteville
Bruce Gordon Howard (August, 1966)	.....Burlington
Charles Albert Keen (January, 1967)	.....Fayetteville
John Pritchard Link (July, 1966)	.....Warrenton
Oliver Cromwell Penny, Jr. (January, 1967)	.....Raleigh
Ahmad Ali Sbaiti (January, 1967)	.....Beirut, Lebanon
John Wendell Simpson (January, 1967)	.....Wilmington
Robert Weyman Strother (January, 1967)	.....Dobbs Ferry, N. Y.
Sarah Kent White (January, 1967)	.....Raleigh

BACHELOR OF SCIENCE IN CHEMISTRY

Margaret Ruth Brant (August, 1966)	.....Raleigh
Douglas Vaughan Curtis (July, 1966)	.....Wilmington
Daniel Grinnan, Jr. (January, 1967)	.....Richmond, Va.
William Zachary Hudson (August, 1966)	.....Erwin

BACHELOR OF SCIENCE IN EXPERIMENTAL STATISTICS

*Adele Jones Gray (August, 1966)Wilson
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BACHELOR OF SCIENCE IN PHYSICS

John William Brauer (January, 1967)Norlina
Thomas Allen Eaves (January, 1967)	.....Clinton
*Malachi Edward Higgins (July, 1966)	.....Saddle River, N. J.
Lee Lr Yong Hsu (August, 1966)	.....Urbana, Ill.
William Seward Key (January, 1967)	.....Horse Shoe

* Honors ** High Honors



BACHELOR OF SCIENCE IN TEXTILE CHEMISTRY

•Halis Alkis (January, 1967)	Mersin, Turkey
Marvin Flay Henderson, Jr. (July, 1966)	Charlotte
Jon Courtney Logue (January, 1967)	Charlotte
William Thomas Lotts (August, 1966)	Buena Vista, Va.
Richard Louis Matule (August, 1966)	Raleigh
Gerry Joe Norman (July, 1966)	Salisbury
Stephen Duncan Ratcliffe (July, 1966)	Smithfield

BACHELOR OF SCIENCE IN TEXTILE TECHNOLOGY

John Lawrence Alford (August, 1966)	Charlotte
Armon Whitley Baldwin, Jr. (January, 1967)	Albemarle
George Robert Berlin (July, 1966)	Youngstown, Ohio
William Monroe Blair (January, 1967)	Charlotte
Jack Willard Brinkley (January, 1967)	Milton
Delmas Gray Britt (January, 1967)	Mount Olive
Walter Swift Burbank (January, 1967)	Concord
Max Sanderlin Busby (August, 1966)	Salisbury
Jerry Dean Caldwell (January, 1967)	Clyde
Marvin Ernest Carter, Jr. (July, 1966)	Kannapolis
Walter Ray Cheek (January, 1967)	Old Fort
John William Couick, Jr. (August, 1966)	Badin
Henry Towles Crigler, 3rd (January, 1967)	Belmont
Jerry Lee Currin (July, 1966)	Benson
Ronald Newell Day (August, 1966)	Roxboro
Charles Lafayette Donaldson, Jr. (January, 1967)	Statesville
Nathan Monroe Dry (July, 1966)	Garner
Mumtaz Durmaz (January, 1967)	Kirkagac, Turkey
••Ralph Delano Elliott (January, 1967)	Warsaw, Va.
Hasan Ergin Esen (January, 1967)	Istanbul, Turkey
William Tatum Evans, Jr. (July, 1966)	Greensboro
•Rosemary Josephine Forte (January, 1967)	Bellevue, Washington
•Stephen Woodrow Foss (August, 1966)	Haverhill, Mass.
Yvon Gagnon (January, 1967)	Huntingdon, Quebec, Canada
James Travis Garner, Jr. (August, 1966)	Rocky Mount
Ronald Dean Hall (August, 1966)	Albemarle
Robert Barton Hayes (January, 1967)	Hudson
Larry Lewis Hinshaw (July, 1966)	Burlington
Kenneth Edwin Howell (January, 1967)	Raleigh
Larry Gilbert Jacobs (January, 1967)	Salisbury
William Cornelius James, Jr. (January, 1967)	Greenville
Billy Gene Kenyon (January, 1967)	Stedman
Salve Dallas McKinney, Jr. (January, 1967)	Spruce Pine

• Honors

•• High Honors

Youssef Loutfy Mansour (August, 1966)	Alexandria, Egypt
John Dudley Matthews (July, 1966)	Raleigh
Jerry Lynn Moore (January, 1967)	Gastonia
Ashley Wayne Morris (August, 1966)	High Point
Garry Wayne Morrison (January, 1967)	Mooreville
James Hartwell Morton (January, 1967)	Shelby
Mojtaba Mostashari (January, 1967)	Kermanshah, Iran
James Edward Murray (July, 1966)	Raleigh
Johnny Wayne Norris (January, 1967)	Hickory
Clarence Manly Owen, Jr. (August, 1966)	Troy
Franklin Glasgow Pomeranz (January, 1967)	Baldwin, N. Y.
Donald William Ross (August, 1966)	Sanford
Robert Julius Scholl, Jr. (January, 1967)	Fort Lauderdale, Fla.
Henry William Seitz, Jr. (August, 1966)	Newton
* Gary William Smith (August, 1966)	Galt, Ontario, Canada
** Frederic Lewis Smyre, III (January, 1967)	Gastonia
Donnie Odell Stout, Jr. (January, 1967)	Sanford
Charles Langley Tayloe (January, 1967)	Ahoskie
Garland Larry Walker (January, 1967)	Whiteville
Allen Edens Ward, Jr. (January, 1967)	Rowland
Hugh Thomas Wilson (January, 1967)	Clarksville, Va.
Ronald Clay Wilson (January, 1967)	Shelby
Francis Nicholls Young (January, 1967)	Raleigh



Professional Degrees

Electrical Engineer

Abdul Shukoor Rashidi (July, 1966)	Kabul, Afghanistan
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Industrial Engineer

Prabhakar Agrawal (January, 1967)	Bihar, India
Kiran Jayanti Chudgar (August, 1966)	Nadiad Gujarat, India
Mahesh Chandra Mathur (August, 1966)	Jaipur, India



Master's Degrees

MASTER OF AGRICULTURE

George Allen Ball, Jr. (July, 1966)	Bellaire, Ohio
Thumrong Charasaiya (January, 1967)	Bangkok, Thailand

* Honors ** High Honors

L. Clair Christensen (July, 1966)	Reno, Nev.
Joel Max Molyneux (August, 1966)	Port Orange, Fla.
James Robert Nicholson, Jr. (January, 1967)	Aiken, S. C.
Somnug Nonthabund (January, 1967)	Bangkok, Thailand
Charles Russell Perkins (August, 1966)	Lousia, Va.

MASTER OF APPLIED MATHEMATICS

Lawrence Elmer Barker, Jr. (January, 1967)	Newport News, Va.
Ivy Dewey Cook, Jr. (January, 1967)	San Antonio, Texas
Ronald Lee Dabbs (January, 1967)	Wadesboro
Mildred Winstead Dawson (January, 1967)	Wilson
Joseph Lee Faix (January, 1967)	Miami, Fla.
Louis Charles Finch (January, 1967)	Whitesboro, N. Y.
James Louis Forgham (August, 1966)	Chittanooga, N. Y.
James Clinton Halsey (January, 1967)	Sparta
James Cleveland Leonard, III (January, 1967)	Winston-Salem
Jay Edwin LeVan, Jr. (January, 1967)	Stroudsburg, Penna.
John Dallas Maybee (January, 1967)	Ann Arbor, Mich.
Charles Edward Morris (January, 1967)	Raleigh
Rick N. Parsons (January, 1967)	Lyndonville, N. Y.
Robert Lynn Rhame (January, 1967)	Abilene, Texas
Clarence Dean Rogers (January, 1967)	Fair Bluff
Myron Alfred Rudner (January, 1967)	Haddonfield, N. J.
Joseph Cecil Horne Smith (August, 1966)	Blacksburg, Va.
Harold Vincent Weed, Jr. (January, 1967)	Duluth, Minn.
Jackie Wilkins (January, 1967)	Lumberton

MASTER OF ECONOMICS

Everett B. Dyer, Jr. (August, 1966)	Hohenwald, Tenn.
Agha Nisar Ahmad Khan (January, 1967)	Lahore, Pakistan
James Howard Walker (January, 1967)	Boonville

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MASTER OF EDUCATION

Adult Education

Leon Dudley Ball (January, 1967)	Somerset, Ky.
Robert Fulton Jones (January, 1967)	Montgomery, Ala.

Agricultural Education

Harold Luther Atkins (August, 1966)	Princeton
James Bryan Brooks (January, 1967)	Bath
Arnold Warren Lingle (August, 1966)	Salisbury
Norman Harold Rose (August, 1966)	Princeton
Robert James Sutton (January, 1967)	Louisburg

Industrial Arts

Thomas Alfred Hughes, Jr. (July, 1966)	Wytheville, Va.
Joseph Michael Ortosky (July, 1966)	Gary, Ind.

Occupational Information and Guidance

Joseph Bailey Carter (January, 1967)	Raleigh
Annie Castlebury Reams (January, 1967)	Apex

Science Education

Gaylord Lee Hall (July, 1966)	Mercer Island, Wash.
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Vocational Industrial Education

John Kirven Burns, Jr. (January, 1967)	Salisbury
George Earl Howard (August, 1966)	Pink Hill
Samuel Bruce Petteway (January, 1967)	Kinston
Dalzell Philip Saylor (August, 1966)	Virginia Beach, Va.

MASTER OF ELECTRICAL ENGINEERING

Richard Haywood Bailey (January, 1967)	Roxboro
David James Carter (January, 1967)	Haverhill, Mass.
James Frank Collins (July, 1966)	Havlock
Richard Paul Connelly (January, 1967)	Syracuse, N. Y.
Douglas Adrian Cotter (January, 1967)	Skyland
William Douglas Couch (January, 1967)	Chicopee, Ga.
Joel Christopher Heath (January, 1967)	New Bern
Joseph Herbert Francis (August, 1966)	West Jefferson
Larry Joseph Hash (August, 1966)	Monroe
George Thomas Holmes, III (August, 1966)	Bridgeville, Penna.
Qamar Uddin Ahmad Khan (January, 1967)	Karachi, Pakistan
Samir Mukherjee (January, 1967)	Calcutta, India
Ramanathan Ramaswamy (January, 1967)	Attangudi, Madras
Tonu Riismandel (January, 1967)	Baltimore, Md.
Eugene Joseph Sabaitis (January, 1967)	New Philadelphia, Penna.
James Alan Steppe (August, 1966)	Valdese
Amit Thacker (January, 1967)	Porbander, India
David Charles Uimari (January, 1967)	Raleigh
Pauline Frances Calloway (August, 1966)	Raleigh
Glenn David Chaplin (August, 1966)	Warrensburg, N. Y.
Robert Glenn Miller (August, 1966)	Salisbury, Md.
Willie Lee Riddick (August, 1966)	Asheville
Jimmy Clifton Tart (August, 1966)	Benson
Rex Wesley (August, 1966)	London, Ky.

see below
EXT. ED

MASTER OF EXPERIMENTAL STATISTICS

Gideon Fishelson (January, 1967)	Rehovote, Israel
Alfredo Manuel Garcia (January, 1967)	Lima, Peru
Richard Paul Moore (January, 1967)	Arlington, Va.
Gordon Henry Otto (January, 1967)	Raleigh
Kashinath Durga Patil (July, 1966)	Maskawad, India
Joseph Thomas Ryan (July, 1966)	Raleigh
Lee Ann Hall Schleicher (January, 1967)	Indian Harbour Beach, Fla.
Thomas John Schofield Bonello (August, 1966)	Lima, Peru
Elsa Clotilde Servy (January, 1967)	Buenos Aires, Argentina

MASTER OF EXTENSION EDUCATION

Fleet Devotion Allen (August, 1966)	Carthage
Pauline Frances Calloway (August, 1966)	Raleigh
Glenn David Chaplin (August, 1966)	Warrensburg, N. Y.
Robert Glenn Miller (August, 1966)	Salisbury, Md.
Willie Lee Riddick (August, 1966)	Asheville
Jimmy Clifton Tart (August, 1966)	Benson
Rex Wesley (August, 1966)	London, Ky.

MASTER OF FORESTRY

- George John Kaufmann (January, 1967)Fort Thomas, Ky.
 Daniel Conrad Ketchum (January, 1967)Oklahoma City, Okla.
 Jesus Jasso Mata (August, 1966)Los Naranjos, Veracruz, Mexico

MASTER OF RURAL SOCIOLOGY

- Abdulla Saleh El-Banyan (August, 1966)Riyadh, Saudi, Arabia
 Melvyn Lawrence Garr (January, 1967)Raleigh

MASTER OF WOOD TECHNOLOGY

- Keith Anthony Bennett (August, 1966)Springfield, Va.

MASTER OF SCIENCE**Adult Education**

- Benjamin Harrison Weddle, Jr. (January, 1967)Front Royal, Va.

Agricultural Economics

- Toma Jabir Al-Bandar (August, 1966)Baghdad, Iraq
 George Constantinos Christou (January, 1967)Panagia-Thivai, Greece
 Jose Felix Nunez Del Arco (January, 1967)Lima, Peru
 Speers Gordon Ponder (January, 1967)Cary
 Bobby Hugh Robinson (January, 1967)Mars Hill
 Carlos Alberto Sarria Remy (January, 1967)Lima, Peru
 Roger Privette Strickland, Jr. (August, 1966)Spring Hope

Animal Ecology

- John Eugene Erickson (July, 1966)Asheville
 Arthur Pilkington McConnell (January, 1967)Drexel Hill, Penna.
 John Vennor Merriner (January, 1967)Raleigh
 Frances Biddle Needham (August, 1966)Wilmington

Animal Science

- Peggy Culverhouse Anderson (August, 1966)Riegelwood
 Clara Ray Bunn (January, 1967)Raleigh
 Billy Max Colvin (August, 1966)Winnsboro, La.
 Donald Sandford Elliott (January, 1967)Mitchell, Neb.
 Wilbur Green Howard (January, 1967)Newton
 Max Merrill Lund (August, 1966)Staunton, Va.

Applied Mathematics

- Dennis Broadus Flannagan (July, 1966)Raleigh

Biological and Agricultural Engineering

- Lung-hua Chen (August, 1966)Hsin-chu, Taiwan
 Suresh Kesho Deo (July, 1966)Jamshedpur, India

Botany

- Elizabeth Jean Chappell (July, 1966)Nashville
 Edward Lee Gibbon (January, 1967)Raleigh
 Russell Melvin Southall (August, 1966)Richmond, Va.

Chemical Engineering

- Ramesh Chandra Saxena (January, 1967)Bombay, India

Chemistry

- Bobby Rae Ezzell (August, 1966)Goldsboro
 Mary Wang Li (August, 1966)China

Civil Engineering

- Thomas David Hall (January, 1967)Pineville
 James Thomas Jarrett (January, 1967)Wilmington
 Frederick Robert Jetter (August, 1966)Raleigh
 John Alan Justice (January, 1967)Icard
 Robert Clarence Lilley (January, 1967)Tarboro
 Muhammad Sarwar (January, 1967)Lahore, Pakistan
 Jess Augustus Sullins, Jr. (January, 1967)Raleigh
 Ying-Chi Wang (January, 1967)Taipei, Taiwan
 Woodrow Ozdell Wilson (January, 1967)Raleigh

Crop Science

- William Edgar Earley (January, 1967)Laurinburg
 Donald Carver Scott (August, 1966)Carlisle, Penna.

Electrical Engineering

- Wylie Gordon Ramsey, Jr. (July, 1966)Winston-Salem
 Norman Henry Wolford (August, 1966)Crosby, Minn.

Engineering Mechanics

- Robert George Pindell (July, 1966)Charlotte
 Steven Rorer (January, 1967)Dixon, Ill.
 Yung Nean Shih (August, 1966)China

Entomology

- Michael George Karandinos (August, 1966)Ierapetra, Crete-Greece

Extension Education

- Wallace King Nave (August, 1966)Asheville

Food Science

- George Richards McCain (January, 1967)Colonia, N. J.

Genetics

- Bruce Sherwood Grant (August, 1966)Shavertown, Penna.
 Lawrence Richard Valcovic (August, 1966)Prospectville, Penna.

Horticultural Science

- Abdel-Moneim Hassan (January, 1967)Desouk, Egypt
 Billy Jim Spillers (January, 1967)Calhoun, La.
 Larry LeRoy Trammel (August, 1966)Pitkin, La.

Industrial Education

- Mary Elizabeth Milliken (August, 1966)Raleigh
 William Alfred Underwood, III (August, 1966)Raleigh

Industrial Engineering

- Lawrence Leonard D'Souza (August, 1966)Bombay, India
 Stanley Francis Gutowski (January, 1967)Dearborn Heights, Mich.

Mathematics Education

- James Arthur McRae (January, 1967)Red Springs
 Geneva Lafferty Martin (January, 1967)Raleigh
 James Albert Stephens (August, 1966)Cary

Mechanical Engineering

Ronald Lee Coleman (January, 1967)	West Memphis, Ark.
Leland Greer Ferguson (August, 1966)	Winston-Salem
Bernard Ren Hao (January, 1967)	Kaohsiung, Taiwan
Hossein Gholi Hoomani (August, 1966)	Raleigh
John Cheu-Wang Hsu (January, 1967)	Taipei, Taiwan
Edward Daniel Hughes (January, 1967)	Pickens, S. C.
John William McCulloch (January, 1967)	Greensboro
Niranjan Moharalal Shah (January, 1967)	Rajkot, India
John Lincoln Shipley (July, 1966)	Williamston
David Hing Ki Shum (January, 1967)	China
Karan Pal Singh (January, 1967)	Rohtak, Haryana, India

Metallurgical Engineering

John Battle Ballance (January, 1967)	Four Oaks
James Thomas Lowder (August, 1966)	Fayetteville

Microbiology

Richard Takashi Okinaka (January, 1967)	Makawao, Hawaii
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Nuclear Engineering

Marvin Jonathan Haire (January, 1967)	Jacksonville
Charles R. Mandelbaum (July, 1966)	Brooklyn, N. Y.
Frank Dickson Miller, Jr. (July, 1966)	Washington, D. C.

Occupational Information and Guidance

John Thomas Hopkins (January, 1967)	Davidson
Julie Cegner McVay (January, 1967)	Raleigh
Dorothy Hall Rinne (August, 1966)	Linden
Thomas Hugh Stafford, Jr. (July, 1966)	Henderson

Physics

Gerassimos Spiridon Anagnostatos (August, 1966)	Athens, Greece
George Comer Duncan (August, 1966)	Roxboro
Donald Wayne Peak (January, 1967)	Wetumpka, Ala.

Physiology

Wayland Nash McKenzie, Jr. (January, 1967)	Albemarle
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Plant Pathology

Hugh Arthur Johnson (January, 1967)	Newton
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Plant Physiology

James Roger Haviland (August, 1966)	Chatfield, Ohio
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Psychology

Joe Alvin Bates (January, 1967)	El Dorado, Ark.
John Joseph Harnett (January, 1967)	Bellows Falls, Vt.
James Donald McKinney (July, 1966)	Jonesville, S. C.

Rural Sociology

Henry Bland Franklin, Jr. (August, 1966)	Raleigh
Robert Glenn Matthews, Jr. (January, 1967)	Raleigh

Science Education

Moises Ahmed Hassan (August, 1966)	Managua, Nicaragua
Roger Farthing Orwick (January, 1967)	McComb, Ohio
Ann B. Vinson (August, 1966)	Asheville

Soil Science

Bobby Joe Conner (January, 1967)	Wilmington
Robert Martin Danielson (January, 1967)	Wenatchee, Wash.
Charles David Raper, Jr. (July, 1966)	Whiteville

Textile Chemistry

Rudolf Franz Kammerck (January, 1967)	Raleigh
Martin Paul Kaplan (January, 1967)	Philadelphia, Penna.
Ernest Linwood Lawton, II (January, 1967)	Raleigh
Krushnā Mohan Satapathy (January, 1967)	Raleigh

Textile Technology

Pei Tsing Chang (August, 1966)	Taipei, Taiwan
Setti Ramudu Jayachandran (January, 1967)	Madurai, Madras
Hoyt Glenn Lowder (July, 1966)	Stanfield
Walter Kenneth Lynch (August, 1966)	Raleigh
Reid Alexander McCarter (January, 1967)	Gastonia
Shailesh Maganlal Mehta (January, 1967)	Baroda, India
Ramanathapuram Sadasivan Ramachandran (January, 1967)	Bombay, India
William Allen Suttle (July, 1966)	Great Falls, S. C.
Joseph Robert Wagner (July, 1966)	Philadelphia, Penna.

Vocational Industrial Education

Archie Curtis Phillips (January, 1967)	Salisbury
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Wood Technology

Royall Melvin Broughton, Jr. (January, 1967)	Wake Forest
Gordon Glenn Campbell (January, 1967)	Hartford, Iowa
Robert Gary Ihle (August, 1966)	Middletown, Ohio
James Lynnwood Jonakin (July, 1966)	Simsbury, Conn.

Zoology

Warren Rueben Ehrhardt (August, 1966)	Sandusky, Ohio
Stephen Carson Hembree (January, 1967)	Murphy
Paul Edward Pruett (July, 1967)	Bakersfield, Calif.
Richard Proctor Stringer (January, 1967)	Baltimore, Md.

Doctor of Philosophy Degrees

- Dissertation:** John Cecil Adams, Jr., Mechanical Engineering (August, 1966)
Similar Solutions for Viscous Compressible Laminar Flow in Slender Axisymmetric Channels. (Under the direction of James Clifford Williams, III).
- Dissertation:** Walter Frank Beineke, Forestry (July, 1966)
Genetic Variation in the Ability to Withstand Transplanting Shock in Loblolly Pine (*Pinus taeda L.*). (Under the direction of Thomas Oliver Perry).
- Dissertation:** Filmore Edmund Bender, Economics (August, 1966)
An Analysis of a Firm and Industry Facing a Seasonal Demand: A Computer Simulation of the Broiler Industry. (Under the direction of William Ray Henry).
- Dissertation:** Amos Gentry Bullard, Jr., Nuclear Engineering (January, 1967)
Some Aspects of Neutron Transport Theory Unification. (Under the direction of Raymond LeRoy Murray).
- Dissertation:** Richard Embley Capel, Economics (July, 1966)
An Analysis of the Export Demand for United States Flue-Cured Tobacco. (Under the direction of Paul Reynolds Johnson and William Douglas Toussaint).
- Dissertation:** Rong-Yaw Chen, Mechanical Engineering (August, 1966)
On Transition from Supersonic to Subsonic Flow in a Tube at Low Reynolds Number. (Under the direction of James Clifford Williams, III).
- Dissertation:** Roberto Chevres-Roman, Crop Science and Plant Pathology (July, 1966)
The Influence of Selected Nematode Species and Number of Consecutive Plantings of Sorghum and Corn on Forage Production, Chemical Composition of Plant and Soil, and Water Use Efficiency. (Under the direction of Harry Douglas Gross and Joseph Neal Sasser).
- Dissertation:** Glenn Burton Collins, Genetics (January, 1967)
DNA Replication of the Chromosomes of *Nicotiana tabacum*, *N. plumbaginifolia* and Their F₁ Hybrid. (Under the direction of Dan Ulrich Gerstel).
- Dissertation:** James Robert Cooke, Biological and Agricultural Engineering (August, 1966)
A Probabilistic Analysis of Fungus Control by Foliar Application of Chemicals. (Under the direction of Henry Dittimus Bowen).
- Dissertation:** John Howard Cosgrove, Chemical Engineering (January, 1967)
Engineering Design of the Heat Pipe. (Under the direction of James K. Ferrell).
- Dissertation:** William Moncier Cox, Civil Engineering (August, 1966)
An Analysis for the Behavior of Buried Semicylindrical Shells Under a Uniform Static Overpressure. (Under the direction of Charles Raymond Bramer and Donald McDonald).
- Dissertation:** Glenn Norman Cunningham, Animal Science (January, 1967)
The Effect of Nitrite and Hydroxylamine on the Performance and Vitamin A and Carotene Metabolism of Ruminants. (Under the direction of Milton Bee Wise).

- Dissertation: Robert Cree Eisenberg, Microbiology (January, 1967)
Gluconic Acid Catabolism in *Escherichia coli*. (Under the direction of Walter J. Dobrogosz).
- Dissertation: David Irving Fairbanks, Electrical Engineering (August, 1966)
The Derivation of the Surface Impedance Matrix of a Curved Surface and the Internal Impedance of a Finite Conducting Cylinder by Use of the Electromagnetic Huygens' Principle. (Under the direction of Makoto Itoh).
- Dissertation: John Edward Flynn, Entomology (January, 1967)
A Taxonomic Study of the Genus *Cedusa* in the New World (Homoptera: Derbidae). (Under the direction of David Allan Young).
- Dissertation: Jack Allen Gardner, Physics (January, 1967)
An Experimental Investigation to Establish Minimum Detectable Levels of Atomic Lithium in the Atmosphere. (Under the direction of Edward Raymond Manring).
- Dissertation: George Walker Garrison, Jr., Mechanical Engineering (July, 1966)
Stability Analysis of a Linear Hall Current Ion Accelerator. (Under the direction of Hassan Ahmad Hassan).
- Dissertation: Peter Murray Gibson, Applied Mathematics (August, 1966)
Generalized Permanents and Hafnians. (Under the direction of Jack Levine).
- Dissertation: Arumugham Gnanam, Plant Physiology (July, 1966)
Biochemical Studies on the Induction of Chloroplast Development in *Euglena gracilis*. (Under the direction of Joseph S. Kahn).
- Dissertation: Arturo Abiang Gomez, Genetics (August, 1966)
Gametic Interaction, Heterosis and Genetic Diversity in Varietal Crosses of Maize. (Under the direction of Robert Harry Moll).
- Dissertation: Inam Ul Haque, Soil Science (January, 1967)
Effect of Phosphorus on Some Physical Properties of Clays. (Under the direction of James Fulton Lutz).
- Dissertation: Paul Harrawood, Civil Engineering (January, 1967)
Study of Vortex Motions in Wake Flows. (Under the direction of Michael Amein).
- Dissertation: Raymond Walter Harvey, Animal Science (January, 1967)
The Influence of Physical Form of Roughages and Antibiotic Administration on Performance, Carcass Characteristics, Health of the Rumen Epithelium, Rumen Volatile Fatty Acids and Liver Abscesses of Steers Fed All-Concentrate Rations. (Under the direction of Milton Bee Wise).
- Dissertation: Felton Leo Hastings, Entomology (January, 1967)
A Study of Horse and Human Serum Cholinesterase Substrate Reactions. (Under the direction of Alexander Russell Main and Walter Carl Dauterman).
- Dissertation: Thomas Joseph Hirons, Nuclear Engineering (August, 1966)
Approximate Analytical Solutions of the Reactor Kinetics Equations. (Under the direction of Raymond LeRoy Murray).
- Dissertation: Gerhard Ambros Hofer, Ceramic Engineering (August, 1966)
The Structure of Interstitial Compounds in Ternary Metal-Boron Systems. (Under the direction of Hans Heinz Stadelmaier).

- Glenn Jerrald Hoffman, Biological and Agricultural Engineering (January, 1967)
 Dissertation: Thermocouple Psychrometer Measurements of Water Potential in an Intact Plant-Soil System. (Under the direction of William Eldon Splinter).
- David Heuston Hubbell, Microbiology (July, 1966)
 Dissertation: Physiological Factors Involved in Nodulation of Soybean by *Rhizobium japonicum*. (Under the direction of Gerald Hugh Elkan).
- Wilfred Kenneth Humphries, Civil Engineering (August, 1966)
 Dissertation: The Effects of Stress History on the Dynamic Response of Clay Soils. (Under the direction of Harvey Edward Wahls).
- Ashiq Hussain, Experimental Statistics (January, 1967)
 Dissertation: Combining Time Series and Cross-Section Data in Simultaneous Linear Equations. (Under the direction of Thomas Dudley Wallace).
- Teresa Ames Icochea, Plant Pathology (August, 1966)
 Dissertation: A Comparative Study of Isolates of *Sclerotium rolfsii* and *S. coffeicola*. (Under the direction of Robert Aycock).
- Charles Edward Jones, III, Civil Engineering (August, 1966)
 Dissertation: The Analysis of a Cylindrical Tank with Offset Side Walls. (Under the direction of Charles Raymond Bramer and Donald McDonald).
- Martin Frederick Jurgensen, Soil Science (January, 1967)
 Dissertation: The Enumeration and Identification of Nonsymbiotic Nitrogen-fixing Microorganisms Found in Acid Forest and Nursery Soils. (Under the direction of Charles Bingham Davey).
- Ke Won Kang, Forestry (January, 1967)
 Dissertation: Relationship Between Loblolly (*Pinus taeda* L.) and Pond (*Pinus serotina* Michx.) Pines in North Carolina. (Under the direction of Leroy Charles Saylor and Bruce John Zobel).
- Ho Kuen Kim, Nuclear Engineering (January, 1967)
 Dissertation: Sensitivity Analysis of Reactor Power Kinetics. (Under the direction of Wilbur Carroll Peterson).
- Harold Lee Kittilson, Genetics and Botany (January, 1967)
 Dissertation: A Biochemical and Genetical Study of the Anthocyanins and Some Related Polyphenols Present in Various Strains of *Nicotiana tabacum* and Related Species. (Under the direction of Dan Ulrich Gerstel and James Richard Troyer).
- Herbert Allan Knappenberger, Experimental Statistics (August, 1966)
 Dissertation: A Generalized Model for the Optimal Selection of Quality Control Test Parameters. (Under the direction of Arnold H. E. Grandage).
- William James Knight, Entomology (January, 1967)
 Dissertation: A Taxonomic Revision of the Holarctic Genus *Dikraneura* (Homoptera: Cicadellidae). (Under the direction of David Allen Young, Jr.).
- Burton James Lang, Genetics (January, 1967)
 Dissertation: Rate, Composition and Efficiency of Growth in Mice Selected for Large and Small Body Weight. (Under the direction of James Edward Legates).
- Steve Benton Latimer, Animal Science (January, 1967)
 Dissertation: Properties of a Specific Propionyl-CoA Synthetase from Sheep Liver Mitochondria. (Under the direction of Samuel B. Tove).

- Jerry Stevenson Lee, Mechanical Engineering (January, 1967)
 Dissertation: Nonequilibrium Thermodynamic Study of Heat Transfer in Stationary Systems with Diffusion and Chemical Reactions. (Under the direction of Munir Ridha El-Saden).
- Ralph Avery Leonard, Soil Science (August, 1966)
 Dissertation: Mica Weathering in Relation to Structural and Compositional Chemistry. (Under the direction of Sterling Barg Weed).
- Jack Benjamin Levy, Chemistry (January, 1967)
 Dissertation: The Diazonium Method for the Preparation of Heterocyclic Organophosphorus Compounds by Cyclodehydrohalogenation of Intermediate Chlorophosphines. (Under the direction of George Osmore Doak).
- Wesley Emil Loos, Wood Technology (August, 1966)
 Dissertation: Modification of Wood and Paper Properties by B¹⁰(ncc) Li⁺ Initiated "Graft" Copolymerization. (Under the direction of Alfred Joaquin Stamm).
- Charles Richard Manning, Jr., Ceramic Engineering (January, 1967)
 Dissertation: Thermochemical, Compatibility, and Wettability Studies of High Temperature Molybdenum-Rhenium Base Cermets. (Under the direction of Robert Franklin Stoops).
- Robert Joseph Mattauch, Electrical Engineering (January, 1967)
 Dissertation: A Study on the Effects of Co⁶⁰-Radiation on the Steam-Grown SiO₂ MOS Structures. (Under the direction of Robert Walter Lade).
- Parviz Tabrizy Mehdizadeh, Forestry (July, 1966)
 Dissertation: Response of Planted Slash Pine (*Pinus elliottii* Engelm.) to Summer Application of Fertilizers. (Under the direction of T. Ewald Maki and Charles Bingham Davey).
- Takeshi Miura, Entomology (January, 1967)
 Dissertation: The Life History and the Morphology of the Earthworm Mite, (*Uroactinia anchor*) Trouessart, 1902 (Acarina:Uropodidae), with Preliminary Ethnological Study of Behavior. (Under the direction of Maurice Hugh Farrier).
- Sah Kuhn Moak, Economics (August, 1966)
 Dissertation: Projecting Irrigation of Flue-cured Tobacco in North Carolina. (Under the direction of George Stanford Tolley).
- Francisco Jose Morillo, Animal Science (January, 1967)
 Dissertation: Evaluation of Progeny Tests of Dairy Sires in Single Herds. (Under the direction of James Edward Legates).
- Gerard John Murtagh, Crop Science (July, 1966)
 Dissertation: An Analysis of the Early Growth of Grass Swards at Varying Densities. (Under the direction of Harry Douglas Gross).
- Darrell Dean Nicholas, Wood Technology (August, 1966)
 Dissertation: Structure and Chemical Composition of the Pit Membrane in Relation to the Permeability of Loblolly Pine (*Pinus taeda* L.). (Under the direction of Eric Louis Ellwood).
- Donald Garth Nikles, Forestry (January, 1967)
 Dissertation: Comparative Variability and Relationship of Caribbean Pine (*Pinus caribaea* Mor.) and Slash Pine (*Pinus elliottii* Engelm.). (Under the direction of LeRoy Charles Saylor and Bruce John Zobel).

- Dissertation: Tomoko Ohta, Genetics (January, 1967)
A Theoretical Study of Stochastic Survival of Inversion Chromosomes. (Under the direction of Ken-Ichi Kojima).
- Dissertation: Donald Dean Osburn, Economics (August, 1966)
Costs and Returns to Human Migration. (Under the direction of Paul Reynolds Johnson).
- Dissertation: Hong Nai Park, Experimental Statistics (January, 1967)
Comparison of Estimators for Two Multi-stage Designs when Sampling on Successive Occasions. (Under the direction of Daniel Goodman Horvitz).
- Dissertation: Peter Sterling Parsonson, Civil Engineering (July, 1966)
An Investigation of Several Methods of Estimating the Present (1965) Zonal Production and Attraction of Auto-Driver Trips Made by Residents of the Raleigh, N. C., Urban Area. (Under the direction of Paul Day Cribbins).
- Dissertation: Lalji Jayantilal Pavagadhi, Mechanical Engineering (January, 1967)
Effect of Downstream Geometry on Rarefied Gas Flow Through a Nozzle. (Under the direction of Frederick Otto Smetana).
- Dissertation: Charles Russell Philbrick, Physics (January, 1967)
Studies of Centers Produced in Sapphire and Ruby by Gamma Radiation. (Under the direction of William Robert Davis and Marvin Kent Moss).
- Dissertation: Jack Plentovich, Chemical Engineering (August, 1966)
Heat Transfer in Packed Beds. (Under the direction of Edward Paul Stahel).
- Dissertation: Daniel Morris Porter, Plant Pathology (August, 1966)
Cercospora Leafspot of Snapdragons. (Under the direction of Robert Aycock).
- Dissertation: John Woodall Potter, Plant Pathology (January, 1967)
Aspects of the Ecology and Parasitic Relationship to Peanuts of Several Ectoparasitic Nematodes in North Carolina. (Under the direction of William Earl Cooper).
- Dissertation: Harold Bell Rice, Soil Science (January, 1967)
Magnesium Availability in Selected Coastal Plain Soils of North Carolina. (Under the direction of Eugene J. Kamprath).
- Dissertation: Frank Leonard Selman, Crop Science (January, 1967)
The Mechanism of the Interaction Between Soil Organic Matter and Herbicide Toxicity and the Influence of pH on Herbicide Phytotoxicity. (Under the direction of Paul Henry Harvey and Robert Phillip Upchurch).
- Dissertation: Louis Shain, Plant Pathology (January, 1967)
Resistance of Sapwood in Stems of Loblolly Pine to Infection by *Fomes annosus*. (Under the direction of Arthur Kelman and Ellis Brevier Cowling).
- Dissertation: Cyril Joseph Anthony Shelbourne, Forestry (January, 1967)
Studies on the Inheritance and Relationships of Bole Straightness and Compression Wood in Southern Pines. (Under the direction of Bruce John Zobel).

- Francisco Adolfo Sierra, Soil Science (July, 1966)
- Dissertation: Interrelationships of Sulfur, Chloride and Potassium on Certain Chemical and Physical Properties of Flue-Cured Tobacco. (Under the direction of Charles Bernard McCants).
- James Alphus Spencer, Plant Pathology (January, 1967)
- Dissertation: Factors Affecting the Pathogenesis of *Pythium* Species on Cotton (*Gossypium hirsutum* L.) Seedlings. (Under the direction of William Earl Cooper).
- Clair B. Stalnaker, Animal Ecology (July, 1966)
- Dissertation: Variation in the Growth Rate of Experimental Populations of Bluegill Sunfish (*Lepomis macrochirus* Rafinesque) and Analysis of Some Factors Contributing to this Variation. (Under the direction of Francis Eugene Hester).
- Roy Wesley Stonecypher, Forestry (August, 1966)
- Dissertation: Estimates of Genetic and Environmental Variances and Covariances in a Natural Population of Loblolly Pine (*Pinus taeda* L.). (Under the direction of Bruce John Zobel).
- Robert Teichman, Animal Science (January, 1967)
- Dissertation: Effects of Covariance Adjustments for Pre-experimental and Concomitant Variables on the Variability of Production Responses in Caged Layers. (Under the direction of Henry Lawrence Lucas, Jr. and Richard Douglas Mochrie).
- James Lester Tramel, Jr., Crop Science (August, 1966)
- Dissertation: Agronomic, Physical and Chemical Properties of Flue-Cured Tobacco as Influenced by Leaf Populations, Topping Levels and Varieties. (Under the direction of Guy Langston Jones).
- Oswaldo Flavio Vargas, Plant Pathology (August, 1966)
- Dissertation: Biological Studies of a New Species of *Anguina* (Nematoda: Tylenchidae) Parasitic on *Plantago aristata* Michx. (Under the direction of Joseph Neal Sasser).
- Charles Keith Vincent, Animal Science (January, 1967)
- Dissertation: Embryonic Mortality as Influenced by High Ambient Temperature in Sheep and High Energy Intake in Swine. (Under the direction of Lester Curtis Ulberg).
- Farrin Scott Wright, Biological and Agricultural Engineering (August, 1966)
- Dissertation: The Mechanical Behavior of the Sweet Potato Under Slow Loading and Impact Loading. (Under the direction of William Eldon Splinter).
- Mohamed Gamal Zaalouk, Nuclear Engineering (July, 1966)
- Dissertation: Application of Transfer Function and Feedback Concepts to Boiling Heat Transfer Dynamics. (Under the direction of Wilbur Carroll Peterson).

Recipients of Honorary Degrees

DAVID STANTON COLTRANE

DAVID STANTON COLTRANE, loyal alumnus of this University, devoted public servant, we welcome you once again to the campus of your alma mater, this time as one who is in the forefront of those leading North Carolina into the light of a new day.

We could, of course, with credit to ourselves base our recognition upon your long service in appointive public office. Assistant Commissioner and Commissioner of Agriculture, Assistant Director of the Budget, State Budget Officer and Director of the Department of Administration—these budget positions are not vehicles of popularity. They require patience, analytical capacity, thoroughness in detail, organizing ability of a high order, and, above all the ability to face hard decisions. In themselves these would justify your presence here today.

But there is another and even greater ground. At an age that would have entitled you to an honorable retirement, you responded once again to the call of duty. Many a younger man would have sought to avoid Governor Sanford's draft as Chairman of the North Carolina Good Neighbor Council and Governor Moore's request that you continue to serve in this capacity.

The measure of a man is his courage and his devotion. You have traveled the state, talking, pleading, persuading for greater opportunities for all of our people. You have rushed to where trouble loomed, worked through the night, walked through the streets when violence threatened, established local councils to ease tensions. Greater than anyone living has been your influence for moderation and greater opportunity.

Little we can say will add to the esteem in which your fellow citizens hold you. But we care and do express our understanding and appreciation for the breadth and importance of your service to all of us by conferring upon you *honoris causa* the degree of Doctor of Humanities.

VERNE LESTER HARPER

VERNE LESTER HARPER, your career as a professional civil servant serves once again to teach us of the positive benefits to mankind that can flow from enlightened and vigorous governmental leadership. For more than thirty-nine years you brought encouragement and support to research into the basic problems of managing our forests and their many uses. In your role as Deputy Chief for Research of the United States Forest Service you gave the nation a strengthened and improved forestry program.

Throughout your career as a productive researcher, you have educated the profession by your scientific reports. As an administrator, your firm grasp of the importance of fundamental research has resulted in reemphasizing the basically scientific aspects of the study and practice of forestry. Your support of key legislative measures has played a major role in strengthening the schools of forestry of this country and your insistence upon the professional training of the members of forest service has contributed to the preservation and prudent use of one of our basic resources.

Nor has your influence been confined to this country alone. Through your prominent participation in every major international forestry agency you have become more widely known than any living American forester. Under your leadership the journal *Forest Science* has achieved recognition wherever scientific forestry is taught and practiced.

The forests of North Carolina are one of her basic resources as well as one of her most attractive adornments. Although your tenure in our state was but brief, your work has affected directly our prosperity and the quality of our community life. To us comes much of the honor in conferring upon you the degree of Doctor of Science *honoris causa*.

GEORGE RICHARD HERBERT

GEORGE RICHARD HERBERT, as President of the Research Triangle Institute, you have been a prudent guide, a gifted innovator, and a driving force in one of the most significant developments of North Carolina's recent history. Focal point of the University-based Research Triangle, one of North Carolina's proudest creations, the Institute under your leadership has become among the country's foremost applied research organizations, skillfully designed to complement the teaching, training, and basic research activities of the Triangle's founding universities. No one is due more credit for the extra-ordinarily successful blending of their purposes, their resources and their goals. All who are close to the Institute know well your skill and your success in attracting to our neighborhood the scientists of national and international stature who occupy the senior posts in the Institute's organization. These men and women, coming as many of them do from nine foreign countries and thirty states, contribute immeasurably to the life of North Carolina, as do our own young people to whom you have given an opportunity which otherwise they would have sought elsewhere, to our common loss.

Michigan claims your birthplace—which we cannot help—and we are also willing to forgive and forget your sojourn in California. But we now claim you as a true North Carolinian who has brought a new luster to our institutions and our State.

As we have helped you, you in turn have helped us. The mutual effort of the universities and the Institute symbolizes the new dynamism, the economic surge and the social awakening which are the hallmarks of the North Carolina of the future.

For your seminal contributions to these exciting developments we confer upon you *honoris causa* the degree of Doctor of Science.

JOSEPH GRANT KNAPP

JOSEPH GRANT KNAPP, teacher, scholar, administrator, your outstanding leadership and organizational talent have added immeasurably to the quality of rural life in the United States.

A graduate of the University of Nebraska and Stanford University, your service at the University of Chicago, Stanford, and the Brookings Institution firmly established your reputation as a leader in the field of agricultural economics. During your tenure here in the days of the depression, you were a driving force in the development of agricultural cooperatives and a respected leader in the organization of the Farmer's Cooperative Exchange.

Joining the staff of the Cooperative Research and Service Division of the Farm Credit Administration in 1934, you guided its development until your retirement as Administrator in 1966. International acclaim followed your penetrating and pioneering studies of cooperative organization and management in Ireland and Great Britain.

Throughout your career a prolific researcher and publisher, you have encouraged others to explore new ideas, new areas, and new techniques. Your legacy includes therefore not only your own broad and unique contribution, but also the work of others to follow whom you have served as mentor and inspiration.

It brings to North Carolina State University the greatest pride and pleasure to confer upon you the degree of Doctor of Science *honoris causa*.

FRANCIS PETER WORSLEY WINTERINGHAM, scholar, scientific innovator, humanitarian, we welcome you once again to our campus.

In part your international renown as a biochemist and biologist rests upon your pioneering work in the use of radioactive tracer methods and in the design of laboratory instruments which are now in use throughout the world. Your development of the "labeled pool" technique, which permits the systematic study of metabolic events in living organisms, has opened new doors to the scientific investigator and has been likened in importance to the invention of the microscope. Your studies of insect toxicology have had important results for two of the world's greatest problems—the control and ultimate eradication of insect-borne disease and the protection of the world's food supply from the depredations of insect pests.

Nor has your work been confined to the laboratory alone. Under your leadership the work in biochemistry at Britain's Agricultural Research Council Institute has within only two decades achieved international stature and has led directly to your important contributions to the work of the world Health Organization and the Food and Agricultural Organization. Your firm grasp of the essential connection between basic and applied research now bears fruit for the benefit of the whole human race.

When North Carolina State University determined to invite a foreign scholar to our campus, you were our first choice and a happy one. The time you spent with us as a visiting scholar proved exciting and profitable and in a very real sense we consider you one of our own. It is therefore both with pride and great pleasure we confer upon you the degree of Doctor of Science *honoris causa*.

Awards For Achievement

1966-1967

SCHOOL OF AGRICULTURE AND LIFE SCIENCES

Agricultural Council Outstanding Club Member Award: Ronald P. Thompson, Lucama

Agricultural Economics:

Wall Street Journal Achievement Award: Thomas F. Bridgers, Jr., Wilson

Agronomy:

Senior Highest Scholastic Average in Agronomy: Walter F. Congleton, Stokes (Plant Protection) Denis S. Jackson, Newton Grove (Agronomy)

American Society of Agronomy Award, Most Outstanding Senior: Walter F. Congleton, Stokes (Plant Protection)

Agronomy Club Leadership Award: Marion F. Howell, Wilson (Agronomy)
Agronomy Achievement Award: Ronald P. Thompson, Lucama (Plant Protection)

Animal Science:

American Society of Animal Science Senior Scholarship Award: George L. Newton, Vale

Biological and Agricultural Engineering:

American Society of Agricultural Engineers, Student Honor Award; Larry L. Coats, Willow Springs

Senior Honor Award in Biological and Agricultural Engineering—Technology Program: Charles B. King, Jr., Raleigh

Food Science:

Virginia Dare Award: Ricky D. Cone, Spring Hope

Forbes Chocolate Award: John R. Woodard, Jr., Spring Hope

Ambrosia Chocolate Award: Ricky D. Cone, Spring Hope

Gamma Sigma Delta:

Sophomore Certificate: Lynda L. Rigsbee, Durham (Zoology)

Senior Certificate: Thomas F. Bridgers, Jr., Wilson (Agricultural Economics)

Horticultural Science:

Burpee Award: Elwood Cumbo, New Bern

Outstanding Senior Award: Paul A. Hammer, Cary

Phi Sigma:

Undergraduate Achievement Award: Ricky D. Cone, Spring Hope (Food Science)

Graduate Achievement Awards: Bruce S. Heming, Guelph, Ontario, Canada (Entomology)

Pre-Veterinary:

Outstanding Student: Willis Martin, Lasker

Zoology:

Most Outstanding Student: Walter R. Gammon, Raleigh

SCHOOL OF DESIGN

North Carolina Section of the Southeastern Chapter of the American Society of Landscape Architecture Book Award: Michael Francis Fowler, Cliffside

American Society of Landscape Architecture Certificate of Merit: Michael Francis Fowler, Cliffside; Melba Sally Schauman, Durham

The Industrial Designers Society of America Certificate of Merit: James F. Taylor, Aberdeen

Alcoa Book Award: James F. Taylor, Aberdeen

American Institute of Architects School Medal: W. P. Dinsmoor White, Durham

American Institute of Architects Book Award: George Chung-Nien Yu, Sao Paulo, Brazil

Alpha Rho Chi Medal: Joseph Allan Courter, Jr., Essex Falls, New Jersey

North Carolina Chapter of the American Institute of Architects Book Award: George Chung-Nien Yu, Sao Paulo, Brazil.

Walter Hook Award: Robert Cedric Dellinger, Gastonia; Richard Vance Kramer, Durham

SCHOOL OF EDUCATION

Education Council Key, most outstanding student enrolled in: Agricultural Education, John Walter Gooch, Stem; Industrial Arts Education: Jimmy Eldred Quast, Clayton; Industrial Education: Larry Sherman Williams, Eagle Springs; Mathematics and Science Education: Harold Kenneth Davis, Mount Holly

Agricultural Education Club Award: most outstanding senior: graduating at the end of the fall semester, Jesse S. Clemmons, Supply; graduating at the end of the spring semester, Curtis R. Rains, Princeton

Kappa Phi Kappa Scholarship Medal: Jimmy Eldred Quast, Clayton

SCHOOL OF ENGINEERING

The Hamilton Watch Award: Richard R. Conner, Delco (Senior, Mechanical Engineering)

The School of Engineering Outstanding Senior Award: James Dixon Schmidt, Gastonia (Senior, Engineering Mechanics)

The Outstanding Engineering Citizens Awards: Ronald W. England, Morganton (Senior, Industrial Engineering-FMM); John Howard Lasley, Lancaster, South Carolina (Senior; Mechanical Engineering)

Agricultural Engineering: American Society of Agricultural Engineers Student Honor Award 1966-67, Larry L. Coats, Willow Springs

Chemical Engineering: American Institute of Chemical Engineers Outstanding Senior Award: Jon David Hulburt, Cary

Civil Engineering: American Society of Civil Engineers Award to Outstanding Seniors: Thomas Clark Howell, III, Sanford; John Rudolph Erdody, Asheville; Samuel Norcom Payne, Charlotte; Robert Morell Sexton, Raleigh; Associated General Contractors Award to Outstanding Senior in Construction Option: Keith Allen Tate, Marion; North Carolina Chapter of the American Public Works Association Award to Outstanding Seniors in Civil Engineering: Stephen Earl Blevins, Bakersville; Samuel Norcom Payne, Charlotte

Electrical Engineering: Outstanding Senior Award: Michael B. Linville, Walkertown; Institute of Electrical and Electronics Engineers Outstanding Student Award: Timothy I. Edwards, Raleigh

Engineering Mechanics: Comma-Dot-Eye Award: James Dixon Schmidt, Gastonia

Engineering Operations: Outstanding Senior in Engineering Operations: Clemon Theron Miller, Erwin

Industrial Engineering: Outstanding Senior in Industrial Engineering: James E. Higgins, Morganton

Mechanical Engineering: American Society of Mechanical Engineers Certificate Award: Steve Fox, Granite Falls; American Institute of Aeronautics and Astronautics Chairman's Certificate: Jerry Godwin, Raleigh; American Institute of Aeronautics and Astronautics Outstanding Achievement Award: David Brott, Edenton; Pi Tau Sigma Award: Neill Stephen Smith, Raleigh

Mineral Industries: Mineral Industries Achievement Award: Jimmie Ray Peddy-cord, Kernersville

Nuclear Engineering: Outstanding Seniors in Nuclear Engineering: Richard Kent Cothren, Cary; David Bruce Washburn, Boiling Springs

SCHOOL OF FORESTRY

Xi Sigma Pi Senior Award: John Adolph Heitmann, Savannah, Georgia
Xi Sigma Pi Freshman Award: James Edward Wilbourn, Gurley, Alabama
Continental Can Competitive Scholarship Awards: John David Harper, Raleigh; James Victor Henderson, Hopewell, Virginia; William Daniel McGill, II, Lakeview; William R. Norton, Danville, Virginia; Andrew Stewart Nuckols, Rocky Mount; George Daniel Shankle, Jr., Polkton
Homelite Honor Awards: James P. Cunningham, Durham; Larry R. Johnston, Charlotte; Kurt Jon Peterson, River Vale, New Jersey
Biltmore Scholarship Awards: Larry R. Johnston, Charlotte; Carl Wayne Houston, Clearwater, Florida; James P. Cunningham, Durham
Conger Scholarship Awards: Joseph H. Hughes, New Bern; Sydney R. Johnson, Georgetown, South Carolina; Danny Dale Sharpe, Denver
Rho Phi Alpha Award: Barry Sanford Tindall, Trenton, New Jersey
Paper Industry Management Association Award: David Arnold Coleman, Hurdle Mills

SCHOOL OF LIBERAL ARTS

The Liberal Arts Council Scholastic Award: Janet Leonard Wester, Louisburg (Senior, English)
B. F. Brown Award for Excellence in Liberal Arts: Patricia D. Beamer, Roanoke, Virginia (Senior, English)
Liberal Arts Council Service Award: William Roy Colquitt, Jr., Concord (Senior, English)
Rudolph E. Freund Prize for Excellence in the Social Sciences: Bryan Leslie Boulter, Raleigh (Senior, Economics)

SCHOOL OF PHYSICAL SCIENCES AND APPLIED MATHEMATICS

The Chemical Rubber Company Award for Outstanding Achievement in Freshman Chemistry: Patrick George Hatcher, Greenville
The Merck Index Award for Scholastic Achievement in Chemistry: Thomas Lee Smith, Raleigh
Chemical Rubber Company Award for Outstanding Achievement in Freshman Mathematics: Clarence Allen Dykes, Savannah, Georgia
Award to Top Ranking Candidate for Degree of Doctor of Philosophy in Applied Mathematics: Jafar Hoomani, Cary
Award to Outstanding Senior Candidate for Degree of Bachelor of Science in Applied Mathematics: Margaret Emily Mann, Raleigh

SCHOOL OF TEXTILES

American Association of Textile Chemists and Colorists Award: Terry L. Downes, Marshville
American Association for Textile Technology Award: Ralph D. Elliott, Warsaw, Virginia
Harry Ball Award: Ralph D. Elliott, Warsaw, Virginia
Delta Kappa Phi Fraternity Award: Charles L. Tyson, Wadesboro
Saul F. Dribben Memorial Award: Melvin Lee Smith, Salisbury
Everett C. Drake Award: Charles L. Tyson, Wadesboro
Alfred Hofmann Needle Works Award: Billy Arnold Knight, Henderson
Laconia Cooper Sales Corporation Award: Chester Reid Long, Jr., Winston-Salem
Lawrence Jason Award: James L. Mauney, Gastonia
North Carolina Textile Manufacturers Association Award: Frederic L. Smyre, Gastonia
Phi Psi Fraternity Award: James L. Mauney, Gastonia
John M. Reeves Scholarship: Steve Franklin Warren, Stanley
Harry Riemer Award: Garry Wayne Morrison, Mooresville
Chester H. Roth Award: Emery Hooper Harris, Elon College

Sigma Tau Sigma Scholarship Fraternity Award: Frederic L. Smyre, Gastonia
Textile Forum Technical Journalism Award: Garry Wayne Morrison, Mooresville
Textile Forum Technical Journalism Award: Ralph D. Elliott, Warsaw, Virginia
Textile Veterans Association Award: Bradley W. Smith, Greensboro

ALUMNI ATHLETIC TROPHY

William Thomas Gentry, Burlington

PHI KAPPA PHI, NATIONAL HONORARY SCHOLARSHIP SOCIETY

Intellectual Achievement—Ph.D. Candidates: Charles William Bostian, Baltimore, Maryland

Intellectual Achievement—M.S. Candidate: Norvin Aaron Clontz, Glen Alpin
Highest Scholastic Standing—Senior: Robert Thomas Gibbs, Rutherfordton
Highest Scholastic Standing—Junior: Marie Garner Pugh, Raleigh
Highest Scholastic Standing—Sophomore: James Edward Wilbourn, Gurley, Alabama

AIR FORCE ROTC AWARDS

American Legion ROTC General Military Excellence Award: Cadet Captain Thomas E. May, Springfield, Virginia (Silver); Cadet Colonel Milton F. Haas, Fayetteville (Gold)

American Legion ROTC Scholastic Award: Cadet 2nd Lt. Thomas E. Murdock, Silver Spring, Maryland (Silver); Cadet Lt. Col. John C. Olson, Forest City (Gold)
Armed Forces Communications and Electronics Association Award: Cadet Lt. Col. Larry W. Miller, Statesville

Daughters of the Founders and Patriots of America Medal: Cadet Billy R. Hall, Mount Olive

Sons of the American Revolution ROTC Medal: Cadet A2C George A. Corbett, Raleigh

Reserve Officers Association Awards: Cadet A2C Lanny N. Smith, Mocksville; Cadet A1C James M. Howard II, Oxford; Cadet Lt. Col. Alan N. Jackson, Raleigh; Cadet 1st Lt. Arvin K. Bailey, Jr., Chapel Hill

Major General William C. Lee Award: Cadet David L. Hayes, Durham
Arnold Air Society Award: Cadet TSgt. John I. Ross, Reidsville
Best Drilled Air Force Cadet Award: Cadet SSgt. Alan L. Dietz, Hickory; Cadet MSgt. Douglas A. Hoggard, Madison; Cadet 1st Lt. Thomas E. May, Springfield, Virginia

Flight Leader Award: Cadet Captain Charles W. Arthur II, Candler
Commandant of Cadets Award: Cadet Colonel Ruffin B. Holder, II, Cary
Air Force Times Award: Cadet Lt. Col. Thomas L. Brown, St. Thomas, Virgin Islands

PAS Award: Cadet Colonel Jerry H. Mikel, Charlotte
General Dynamics Award: Cadet MSgt. Bruce R. Bonner, Endicott, New York

ARMY ROTC AWARDS

The Department of the Army Superior Senior Cadet Medal Awards: Senior Class: Cadet Colonel Douglas A. Unwin, Colorado Springs, Colorado; Junior Class: Cadet Master Sergeant Eugene C. Pridgen, Troy; Sophomore Class: Cadet Sergeant James A. Wooten, III, Rocky Mount; Freshman Class: Cadet Ellis F. Hammond, Delmar, Delaware

Certificate of Meritorious Leadership Achievement: Cadet Captain Owen F. Pharr, Jr., Durham

The Colonel John W. Harrelson Scholarship Award: Cadet William W. Fleming, Alexandria, Virginia

Association of the United States Army Medal: Cadet Sergeant Major Charles G. Pierce, Weldon

Association of the United States Army Special Award: Cadet Sergeant James E. Wilbourn, Gurley, Alabama

American Ordnance Association Gold Scholarship Key: Cadet Lieutenant Colonel Ronald L. Wirth, Raleigh

Master Sergeant Horace C. Thomas, Sr. Award: Cadet Sergeant Ronald A. Moore, Castle Hayne

Best Drilled Platoon Award: Cadet Lieutenant Larry R. Edwards, Salisbury
Society of American Military Engineers Award: Cadet Master Sergeant Eugene C. Pridgen, Troy

American Legion Medal for Scholastic Excellence: Cadet Captain Frederick H. Ellington, Zebulon; Cadet Master Sergeant Harold C. Dyer, Jr., Wendell

American Legion Medal for Military Excellence: Cadet Lieutenant Colonel John W. Douglas, Jr., Statesville; Cadet Master Sergeant George M. Clendenin, Wilmington

Reserve Officers Association Medal: Cadet Sergeant Major Charles G. Pierce, Weldon

Reserve Officers Association Honor Awards: Cadet Lieutenant Colonel Lawrence D. Tracy, Chapel Hill; Cadet Sergeant Benny L. Davis, Jr., Washington; Cadet Peter W. Laake, Silver Spring, Maryland

The Pershing Rifles Trophies: Cadet Captain Eugene A. Fuzy (Advanced Course), Hopewell, Virginia; Cadet Sergeant Ronald A. Moore (MS II), Castle Hayne; Cadet Daniel H. McNeill, Jr., (MS I), Whiteville

Sons of the American Revolution ROTC Medal: Cadet Master Sergeant Thomas E. West, Jr., Wilmington

Daughters of the Founders and Patriots of America Medal: Cadet Sergeant Richard J. Trichter, Great Neck, New York

Armed Forces Communication and Electronics Association Award: Cadet Major William O. Tyndall, Jr., Salemburg

Professor of Military Science Award: Cadet Captain Eugene A. Fuzy, Hopewell, Virginia

OUTSTANDING TEACHER AWARDS

This year the graduating seniors have selected two recipients for the outstanding teacher awards. Each award is accompanied by a \$500 check from the North Carolina State Alumni Association.

The awards are announced each year as part of the Commencement exercises.

USAF ROTC Cadets Commissioned 1966-1967

TO BE COMMISSIONED ON 27 MAY 1967:

Bradford, Steven Cole	Raleigh, North Carolina
*Brown, Thomas Lee	Fairfax, Virginia
Cave, Melville Williams, Jr.	Westfield, New Jersey
Dunn, Payton Edward, Jr.	Raleigh, North Carolina
Hall, Larry Joe	Greensboro, North Carolina
*Holder, Ruffin Barna, II	Cary, North Carolina
Humphrey, Robert Lewis	Shannon, North Carolina
*Jackson, Alan Norwood	Raleigh, North Carolina
Kelly, Joseph McLean	Raleigh, North Carolina
Leonard, Tice Nicheols, Jr.	Charlotte, North Carolina
Linville, James Gaston	Lexington, North Carolina
Mann, William Gene	Concord, North Carolina
*Miller, Larry Wallace	Statesville, North Carolina
Necker, Dennis Alvin	Charlotte, North Carolina
*Nichols, Stephen Edmond	Durham, North Carolina
*Olson, John Charles	Forest City, North Carolina
Poindexter, Richard Grover	Carthage, North Carolina
Snow, Jerry Paul	Mount Airy, North Carolina
Stephenson, William Albert	Raleigh, North Carolina
Szmuriga, Arthur Francis	New Brunswick, New Jersey
*Washington, Steven Leslie	Gillette, New Jersey
Woodall, James Daniel	Smithfield, North Carolina

COMMISSIONED ON 1 JULY 1966—30 APRIL 1967:

*Broadhurst, Edwin B., Jr.	Bellevue, Nebraska
Ebron, Gene I.	Morehead City, North Carolina
Eshleman, David R.	Greenwood, South Carolina
*Gooch, Eugene D.	Oxford, North Carolina
Habas, Leonard H.	Jacksonville, North Carolina
Hopkins, Milton D.	Charlotte, North Carolina
Howard, Phil T.	Huntersville, North Carolina
Hudson, Joseph M., Jr.	Pantego, North Carolina
Inscee, Willard V.	Nashville, North Carolina
Meadows, Julian C., III	Charlotte, North Carolina
*Miller, Leo G., Jr.	Panama City, Florida
Mullis, Marcus M.	Albemarle, North Carolina
*Nanney, Donald M.	Hendersonville, North Carolina
Newton, William M.	Parkton, North Carolina
Riley, Earl W.	San Antonio, Texas
Ross, Donald W.	Sanford, North Carolina
*Tharp, Dennis T.	Fayetteville, North Carolina
Trexler, Walter L., Jr.	Charlotte, North Carolina

* Distinguished Graduate

Army ROTC Cadets Commissioned 1966-1967

TO BE COMMISSIONED ON 27 MAY 1967:

Andrew, Gary F.	Snow Camp, North Carolina
Bahnon, Charles F., Jr.	Cooleemee, North Carolina
Bell, Lynwood, Jr.	Smithfield, North Carolina
Blackwood, Roy E.	Raleigh, North Carolina
Boyd, Zelbert E.	Rose Hill, North Carolina
Carter, Thomas K.	Asheboro, North Carolina
Chartier, Robert L.	Greenville, South Carolina
Chiswell, Alfred G., Jr.	Gary, North Carolina
Collins, Victor A.	Monroe, North Carolina
*Doerr, John A.	Raleigh, North Carolina
*Douglas, John W., Jr.	Statesville, North Carolina
Finch, Charles C.	Raleigh, North Carolina
Fisher, Robert K.	Alexandria, Virginia
Harrington, Abner M.	Fairmont, North Carolina
*Harrison, James L.	Charlotte, North Carolina
Jackson, Ronald N.	Roanoke, Virginia
Kinken, Philip G., Jr.	Canton, North Carolina
Lewis, Jon R.	Fairmont, North Carolina
Martin, Edward A.	Raleigh, North Carolina
*Maynard, Robert L.	Winston-Salem, North Carolina
Mayo, Thomas M.	Jacksonville, Florida
Melvin, Waymon A., Jr.	Erwin, North Carolina
Metzger, Gerald D.	Beaver, Pennsylvania
Nance, Hubert M., Jr.	Bedford, Virginia
Oestreich, James W.	Washington, District of Columbia
*O'Neil, William E., Jr.	Clayton, North Carolina
*Pharr, Owen F., Jr.	Roxboro, North Carolina
Phillips, Robert E.	Winston-Salem, North Carolina
Scheider, William B.	Hilton Head Island, South Carolina
Smith, Thomas L.	Sanford, North Carolina
Snyder, Emory R.	Waynesboro, Virginia
Tate, John W.	Liberty, North Carolina
*Threatt, Harold C.	Charlotte, North Carolina
*Tyndall, William O., Jr.	Salemberg, North Carolina
*Unwin, Douglas A.	Colorado Springs, Colorado
Vinson, Philip S.	Ahoskie, North Carolina
Wade, William J., Jr.	Henderson, North Carolina
Weatherly, Don E.	Media, Pennsylvania
Welch, James R.	Raleigh, North Carolina
*Willard, Tommy R.	Liberty, North Carolina

COMMISSIONED DURING PERIOD 1 JUNE 1966-MAY 1967:

Ashworth, Donald J.	Brevard, North Carolina
Brackett, Jesse C., Jr.	High Point, North Carolina
*Brauer, John W.	Norlina, North Carolina
*Bowers, Crowell, G., Jr.	Norwood, North Carolina
Catter, Marvin E.	Kannapolis, North Carolina
*Clendenin, Joseph A.	Wilmington, North Carolina
Davis, Silas B.	Charlotte, North Carolina
*Fulion, James W., Jr.	Winston-Salem, North Carolina

* Distinguished Graduate

Gibson, George C.	Raleigh, North Carolina
Giles, James E.	Godwin, North Carolina
Inman, Thomas H.	Morganton, North Carolina
Ireland, Lock W.	Fayetteville, North Carolina
Keen, Charles A.	Fayetteville, North Carolina
•Kuhnemann, Alfred T., Jr.	Statesville, North Carolina
Looper, Robert L.	Charlotte, North Carolina
•Miller, Ronald L.	West Islip, New York
Moss, Francis T.	Fayetteville, North Carolina
Newsome, Lawrence K.	Richmond, Virginia
Pettit, William S., 3rd	Raleigh, North Carolina
•Potter, Luther L.	Raleigh, North Carolina
Sewell, Walter A.	Durham, North Carolina
Stone, Joseph B., Jr.	Raleigh, North Carolina
Stowe, Joseph C., Jr.	Hamlet, North Carolina
Taylor, Charles L.	Raleigh, North Carolina
•Taylor, David G.	Birmingham, Michigan
Tucker, Robert L.	Charlotte, North Carolina
•Wiggins, Elmaer F.	Ayden, North Carolina
Wilson, Craig S.	Greensboro, North Carolina
Wilson, John C.	Hurdle Mills, North Carolina
Yeager, William E.	Morehead City, North Carolina

• Distinguished Graduate