

Seventy-third

Annual Commencement

*The North Carolina State College
of Agriculture and Engineering of
the University of North Carolina*

Exercises of Graduation

Saturday, June 2

Nineteen Hundred and Sixty-two

Degrees Awarded 1961-62

Corrections on pages 13, 15, 16, ^{18,}₁ 23, 24

MUSICAL PROGRAM

Exercises of Graduation

William Neal Reynolds Coliseum

June 2, 1962

CARILLON CONCERT: 9:30 A.M.

The Memorial Tower

Ralph W. Daniel, Carillonneur

SYMPHONIC BAND CONCERT: 10:00 A.M.

Fairest of the Fair Sousa

If Thou Be Near Bach

Two American Sketches Griselle

Trauermusik Mozart

Second Suite in F Holst

PROCESSIONAL: 10:30 A.M.

March Processional Grundman

RECESSIONAL:

University Grand March Goldman

SYMPHONIC BAND

Robert A. Barnes, Director of Music

J. Perry Watson, Assistant Director of Music

Donald B. Adcock, Acting Director of Bands

COMMENCEMENT PROGRAM

Exercises of Graduation

William Neal Reynolds Coliseum

June 2, 1962

PROCESSIONAL, 10:30 A.M. Donald B. Adcock
Conductor, North Carolina State College Symphonic Band

The audience is requested to remain
seated during the processional

PRESIDING John T. Caldwell
Chancellor, North Carolina State College

WELCOME

INVOCATION Rev. O. B. Wooldridge
Coordinator of Religious Affairs

ADDRESS Julius A. Stratton
President, Massachusetts Institute of Technology

CONFERRING OF DEGREES John T. Caldwell
Chancellor, North Carolina State College
John W. Shirley
Dean of the Faculty

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

AWARDING OF GOODWIFE DIPLOMAS Edward Norris Tolson
President of Student Government

ANNOUNCEMENTS OF OUTSTANDING
TEACHER AWARDS James Gary Futrell
President, Class of 1962

REMARKS TO THE GRADUATING CLASS William C. Friday
President, Consolidated University of North Carolina
Terry Sanford
Governor of North Carolina

BENEDICTION

RECESSIONAL

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

SOCIAL HOUR AND DISTRIBUTION
OF DIPLOMAS

Exercises of Graduation

2:00 P.M.

*School and Department Social Periods
(Distribution of Diplomas)*

SCHOOL OF ENGINEERING IN DEPARTMENTS

SCHOOL OF EDUCATION, CARMICHAEL GYMNASIUM

SCHOOL OF PHYSICAL SCIENCES AND APPLIED MATHEMATICS,
118-119 RIDDICK LABORATORIES

SCHOOL OF AGRICULTURE IN DEPARTMENTS

SCHOOL OF FORESTRY, 162 KILGORE

SCHOOL OF TEXTILES, TEXTILE AUDITORIUM

SCHOOL OF DESIGN, BROOKS HALL

DEGREES CONFERRED

June 2, 1962

School of Agriculture



BACHELOR OF SCIENCE

Agricultural Economics

Russell Graham Barlowe	Oxford
William Byrd Baucom	Raleigh
*John Reynolds Blakely	Ellerbe
William Norman Dowdy	South Mills
James Russell Gay, Jr.	Walstonburg
Wiley Norwood Godwin	Dunn
Paul Thomas Grimes, Jr.	Raleigh
Reginald Faulkner Hill	Youngsville
Carrel Junior Icenhour	Taylorsville
‡Speers Gordon Ponder	Cary
Cleo Delano Robertson	Reidsville
*Robert Edwin Shepherd	Deep Gap
Kermit Jackson Stancil	Kenly
Harry Boger Strawn	Monroe
‡Jerrold Josiah Watson	Raleigh

Agricultural Engineering

Arthur Franklin Bordeaux, Jr.	Ingold
Hugh Conrad Bowles	Hiddenite
Java O'Neil Carey	Burlington

* Honors

‡ In Absentia

Dougald Mazatlan Priest Council
 Howard Henry Troutman, Jr. Pinebluff

Animal Industry

Charles Windle Buckner Burnsville
 James Edgar Dalton, Jr. Pine Hall
 *Lowell Vance Fine Denton
 Benjamin Glen Lee Hollister
 *Archie Max Lennon Evergreen
 William David McColl Thomasville
 James Arthur Phillips Spruce Pine
 Mose Brown Wiseman, Jr. Salisbury

Botany

*Charles Norman Adair Burnsville
 Dale Elliott Harrison Spruce Pine
 *Edward Joseph Klekowski, Jr. Indianapolis, Ind.

Dairy Husbandry

Roderick Crouse Jordan Albemarle
 Robert Burton Moore, Jr. Greensboro
 Lawrence Morgan Ponder Marshall
 David Eagle White, Jr. Statesville

Field Crops

Charles Emory Hammond Linden
 John Allen Kimball, Jr. Manson
 Ralph Lee Morton Jacksonville
 Edward Norris Tolson Tarboro
 Robert Norton Whitaker Enfield

Horticulture

Robert Kendall Hill Hookerton
 Eugene Thomas Meadows Stony Point
 Warren Jerome Redd, Jr. Charlotte

Plant Protection

**Horace Thomas Bone Raleigh
 *William Bryant Duke Norlina
 Asa Benjamin Rogerson Williamston

Poultry Science

Walter Keith Baucom Monroe
 *John Reynolds Blakely Ellerbe
 John Nathan Hathcock Marshville
 Billy Lynwood Price Clarendon
 Kenneth Ivan Rash Raleigh

Rural Sociology

Wayne Thomas Adams, Jr. Robbinsville
 William Lewis Ballenger Raleigh
 Frederick Wills Boelt Williamsburg, Va.

* Honors; ** High Honors

Julian Devon Mosley Creedmoor
 *Robert David Mustian Kittrell
 Peyton Ring Neal, Jr. Greensboro

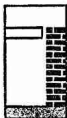
Soils

*Roger Eugene Hanes Yadkinville
 *Bobby Nelson Lancaster Rocky Mount

Zoology

James Reese Collins Raleigh
 **Jaimie Elizabeth Cornwell Asheville
 Paul Alexander Grantham Goldsboro
 Norris Boddie Jeffrey Badin
 *Dennis Robert Kroll Sutersville, Penna.
 *James Lloyd Mauney Hendersoville
 Harvey Carroll Moose Raleigh
 Gerald Lawson Rhyne Lincolnnton
 David Milton Stamey Polkville
 ‡William Herbert White, Jr. Reidsville

School of Design



BACHELOR OF ARCHITECTURE

David Delmas Adams Burlington
 Marlborough Pegues Carroll Shelby
 Ho-Man Chung Un-Long, Hong Kong
 Dallas Earl Cundiff Winston-Salem
 John David Everette Rocky Mount
 *Werner Hausler Raleigh
 Dwight Ellis Holmes Raleigh
 Joseph Delano Hoskins Ralceigh
 James Reginald McVicker, Jr. Maxton
 William Lee O'Brien, Jr. Greensboro
 Stewart Thomas Shumate, Jr. Cherryville
 *Zigrda Rita Smith Raleigh
 Gary Eugene Sunderland Jacksonville
 Lawrence James Traber Asheville
 Yuen-Pei Tu Taipei, Taiwan
 James Franklin White, Jr. Sumter, S. C.

BACHELOR OF LANDSCAPE ARCHITECTURE

Robert Ervin Cole Charlotte
 Augustus Beamon Moore, Jr. Matthews
 Kent Emanuel Watson McKinley Park, Alaska

* Honors; ** High Honors

‡ In Absentia

BACHELOR OF PRODUCT DESIGN

*Arnold Lumsden Joslin _____ Raleigh
James Abbott Odom, Jr. _____ Raleigh

School of Education



BACHELOR OF SCIENCE IN AGRICULTURAL EDUCATION

Glenn Rex Barker _____ Roaring River
Cuyler Deems Best, Jr. _____ Goldsboro
James Edward Boyette, Jr. _____ Wilson
Carl Mitchell Branch _____ Lumberton
Carl Edgar Clark _____ Elizabethtown
Jack Welch Felmet _____ Waynesville
James Gary Futrell _____ Potocasi
Thomas Lee Hogan _____ Chapel Hill
Chester Bryant Honeycutt _____ Benson
Lloyd Allen Huffman _____ Wilkesboro
Billy Royce Liles _____ Knightdale
Miles Ervin Lineberger _____ Dallas
Jesse Frederick Martin _____ Jamesville
James Marcus Mills, Jr. _____ Wallace
Thomas Hervey Nunalee, III _____ Currie
Judge Ander Pierce _____ West Jefferson
Eugene Howard Stines _____ Asheville
Jimmy Clifton Tart _____ Benson
James Russell Vaughan, Jr. _____ Lasker
Richard Bruce Wallace _____ Cerro Gordo

BACHELOR OF SCIENCE IN INDUSTRIAL ARTS

‡Ralph Lane Abernethy, Jr. _____ Lincolnton
Norman Samuel Allen _____ Graham
Joel Dale Baucom _____ Winston-Salem
Roy Mitchell Billingsley _____ Hamlet
James Morris Bloodworth _____ Raleigh
George Howard Bryan _____ Winston-Salem
James Willie Clark _____ Winston-Salem
George Herman Coats, III _____ Clayton
James Ronald D'antonio _____ Aliquippa, Penna.
Henry Herbert Darr _____ High Point
James Howell Entekin _____ Charlotte
Jack Nash Everette _____ Acme

* Honors

‡ In Absentia

*‡John Cole Hatcher	Charlotte
Wayne Douglas Hatley	Charlotte
Charles Franklin Jones	Charlotte
Richard Foster Jones	Raleigh
James Stewart King	Charlotte
*‡James Robert Lawrence, Jr.	Mayodan
James Carlyle Lloyd	Durham
Wilbur Franklin McKay	Marston
John Michael Mettrey	Raleigh
Yates Milton	Wilmington
Donald William Fatten	Greenwich, N. Y.
Melvin Luther Patterson	Thomasville
Frank Alexander Peterson	Raleigh
Albert Carroll Phelps, Jr.	Sanford, Fla.
Herbert Glenn Privette	Zebulon
Dennett Eugene Ransom	Frisco
Heath Franklin Reinhardt	Lowesville
Robert Kenneth Scarborough	Greensboro
Gerald Lee Shore	Lewisville
Carson Smith, Jr.	Laurel Hill
Zachary Taylor	Knightdale
Frank Vance Turner	Raleigh
Robert Lee Vaughn	Morehead City
Thomas Andrew Warren	Asheville

BACHELOR OF SCIENCE IN MATHEMATICS EDUCATION

Millard Thomas Arnold	Raleigh
Charles Robert Benson	Woodleaf
Kenneth Warren Brown	Burlington
Blanche Louise Cross	Virginia Beach, Va.
Clifford Herbert Feather	Aberdeen
Frederick Arthur Ficquett, Jr.	Harrells
*James Overall Groce	Asheville
David Wayne Joyner	Murfreesboro
John Woods McKay, Jr.	Charlotte
Wesley Gibson Miles	Kingsport, Tenn.
Alvin Grant Myrick	Littleton
William David Perkinson	Norlina
Bobby Earl Smith	Raleigh
Albert Glenn Thompson, Jr.	Forest City
*Frank Weller Cassard Timson, Jr.	Charlotte
*Bruce Wayne Wright	Plymouth

BACHELOR OF SCIENCE IN RECREATION AND PARK ADMINISTRATION

John Robert Brady	Raleigh
‡Joseph Edward Bushofsky	Pittsburgh, Penna.
Eugene Frederick Butler, Jr.	Clayton
Nevette Michael Carpenter	Elkin
James Lee Humphrey	Maple
George Thomas Jones	Greensboro

* Honors

‡ In Absentia

*Charles Singleton Little, Jr.	Oakboro
Clyda Marguerite Weeks Lutz	Raleigh
Douglas Harold Matthews	Wilson
*Ida Joyce Meares	Raleigh
Wilbur Earl Mazingo, Jr.	Kinston
†Weldon Francis Shaffer, Jr.	Williamsport, Penna.
John Graham Singleton	Washington
James Monroe Tapp	Roxboro
George Ross White	Salemberg

BACHELOR OF SCIENCE IN SCIENCE EDUCATION

Clarence Ray Batts	Wilson
*Dutch Jones Caldwell	Jacksonville, Fla.
**Frances Lee Goodwin	Apex
*Edna Glenn Suggs	Rocky Mount

School of Engineering



BACHELOR OF SCIENCE IN CERAMIC ENGINEERING

Richard Maurice Benbow	Asheboro
James Norman Hill	Asheboro
James Franklin Holloway, Jr.	Monroe
Ernest Wilson Hughes	New Bern

BACHELOR OF SCIENCE IN CHEMICAL ENGINEERING

*Wiley Ray Bland	Edward
Randolph Neil Campbell	Salisbury
Roy Baxter Catlett	Thomasville
James Oliver Crisp	New Bern
William Buchanan Eckstein	Bryson City
Ralph Everett Ferguson, Jr.	Raleigh
Ralph Glenn Fleming	Salisbury
Luther Milton Grainger	Raleigh
Ronald Otis Hadlock	Raleigh
Johnnie Mack Harrington	Ayden
Edwin Zacheus Heafner	Charlotte
Billy Owen Jones	Raleigh

* Honors; ** High Honors

† In Absentia

David Elder McCombs	Salisbury
Jerry Allen McMahan	Morganton
David Murchison Mitchiner	Garner
James Barr Myhre	Overland Park, Kan.
*William Herbert Slack, Jr.	Wilmington
Barbara Louise Snyder	Charlotte
Durant Gallup Vick	Fayetteville
Jerry Stokes Weaver	Salisbury
William Norris Weaver	Winston-Salem

BACHELOR OF SCIENCE IN CIVIL ENGINEERING

*Robert Bruce Anderson	Raleigh
**Paul Weber Brant	Raleigh
*William Tom Buchanan	Raleigh
David Lincoln Byrd	Chadbourn
Edward Morton Byrd	Orrum
Richard Creagh Mackubin Calvert, III	Newport News, Va.
William Thomas Campbell	Rockingham
*William Calvin Carpenter	Hickory
Henry Constantine Carroll	Chappaque, N. Y.
Joseph Mason Clement	New Bern
Russell A. Cook, Jr.	Cresskill, N. J.
Bobby Joe Davis	Elkin
Billy Eugene Dees	Hope Mills
Carl Jackson Deese	Marshville
Joe Allen Ellisor	Greensboro
*Grady Theron Ferrell, Jr.	Raleigh
Eldon Leo Green	Whiteville
James Newton Hall	Micaville
Charles Ray Hamilton	Raleigh
*William Hubert Hawkins	Weaverville
Nhel In	Kompong Cham, Cambodia
Lemuel Howard Jenkins	Raleigh
John Marshall Kirkley	Charlotte
Lacy Herman Koonce, Jr.	Raeferd
Theodore John Kratt	Charlotte
Gerald William Kriegel	Raleigh
Jon Harvey Laughter	Hendersonville
Wyatt Lemuel McGhee	Franklinton
James Ralph McNeill	Lansing
William Grady Marley, Jr.	Lumber Bridge
Ronald Michael Mayer	Asheville
Sidney Roderick Moore	Raeferd
William Herman Mull	Asheville
Thomas Jerome Orr, Jr.	Charlotte
Charles Edmond Powell	Charlotte
Melvin Walter Rape	Kannapolis
William James Rogers	Raleigh
Otto Claude Smith	Raleigh
Robert Alford Smith, Jr.	Elizabethtown
†Herman Pressley Snyder, Jr.	Monroe
Thomas Byron Stevens, Jr.	Erwin
*James Frederick Stevenson	Palmyra
Garry Lester Summer	Cherryville
Wallace Edwin Venrick	Winter Haven, Fla.

* Honors; ** High Honors

† In Absentia

Louie Earl Pollock Kinston

Carleton Nettles Whilden, Jr.	Charlotte
Noland Elvin Wiggins, Jr.	Durham
Norman Hill Willey	Raleigh
*Walter Thomas Wilson	Lexington
*Richard Carter Woodman	Cary

BACHELOR OF SCIENCE IN CIVIL ENGINEERING, CONSTRUCTION OPTION

Bernard Allen Baker	Marcus Hook, Penna.
Francis Arthur Brooks, III	Greensboro
*William Edward Burton, Jr.	Hickory
Stanley Gaston Carr	Dunn
Philip Glisan Conner	Charlotte
Charles Ralph Faust	Goldsboro
*Lloyd Boyles Gallimore, Jr.	Greensboro
Robert Newell Garner, Jr.	Winston-Salem
Watson McIver Garrison, Jr.	Burlington
Lawrence Goldstein	Moorestown
Theron Eugene Graham	Salisbury
William Howard Gray, Jr.	Fayetteville
Martin Joseph Grunder	Hillside, N. J.
Vernon Cranston Guthrie, Jr.	Morehead City
James Gilbert Hollifield	Marion
Frederick Burr Johnson, Jr.	Raleigh
Kent Edward Lee	Greenville
Richard Henry Leigh, Jr.	Durham
Robert Anthony Jones McGrady	North Wilkesboro
John Albert McIntyre	Robbins
Samuel Forbis Matthews	Monroe
Eurie Lonnie Norwood, II	Mount Holly
James Warren Ramsey	Shelby
Yates Ellis Spake, Jr.	Morganton
Ray Warlick Spangler	Shelby
Robert Andersen Sullivan	Arlington, Va.
James Weaver Turner	Asheville
Robert Garner Turpin	Newport
Daniel George Wherry	Columbus, Ohio
Carl Durwood Wills	Raleigh
William Vincent Young, Jr.	Raleigh

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

‡Aref Baha-Eddean Adel-Gary	Zerka, Jordan
John Marshall Allred	Greensboro
Richard Thomas Banks	New Bern
William Haywood Bannerman	Carolina Beach
James Claudius Barbot	Wilmington
Vernon McGregor Batson	Wilmington
Herman Franklin Biggs, Jr.	Lumberton
**Richard Hobson Blackwell, Jr.	Charlotte
*Ronald Lee Boger	Winston-Salem
*Wallace Carlyle Bradley	Gerton
John Alton Bradshaw	Salisbury
Robert Bailey Branch	Rich Square
James Eugene Bridgers, Jr.	Raleigh
Charles Franklin Brown, Jr.	Hope Mills
Jesse David Browning	Wilmington

* Honors; ** High Honors

‡ In Absentia

Charles Stephen Bryant	Greensboro
†Edward Carson	Raleigh
Harold Caudle	Lenoir
John Cerasi	Camden, N. J.
*Alan Marsh Chedester	Alexandria, Va.
**John Theodore Curlee	Winston-Salem
Ronald Keith Curlee	Albemarle
Phillip Armfield Davis	Graham
*Paul Samuel Dennis, Jr.	Asheville
Chandrakant Prabhudas Doshi	Calcutta, India
Kenneth Alan Dunning	Kinston
John Martin Fjeld, Jr.	Greensboro
Bruce McDonald Fornes	Raleigh
Jack Bernard Fort	Winston-Salem
Robert Henry Frazer	Charlotte
Glynn Ray Furr, Jr.	High Point
Robert Edward Gagnon	Ayden
Thomas Howland Gattis	Durham
Robert Victor Georgiou	Statesville
Perry Linwood Grady	Mount Olive
John Arthur Hamilton	Washington
*Harold Paul Hamrick	Shelby
Ronald Cozart Harrell	Rocky Mount
John Cornell Harris	Rutherfordton
Jackie Vaughn Harron	Weaverville
*James Clifton Hart	Winston-Salem
Walter Van Buren Holmes	Durham
Hugh Milton Holt	Burlington
Clinton Wilson Hoover	Asheboro
Randie Merrilyn Houston	Nags Head
*William McIver Jackson	Winston-Salem
Samuel Edwin Jeffries	Raleigh
Joseph Herbert Johnson	Raleigh
William Daffron Kivett	Ramseur
Charles Edwin Kneeburg, Jr.	Salisbury
Gerald Francis Lackey	Winston-Salem
Bruce Lamm	Raleigh
†Donald Sherald Lindsay	Mount Olive
*John Barry Link	Salisbury
*Michael Anthony Littlejohn	Burlington
Ray Nesbit Love	Concord
Thomas Craig Lyerly	New Bern
Fulton Lee Lynch, Jr.	Charlotte
**Leland Kitchin McDowell	Tarboro
Basile James Mandakis	Winston-Salem
⊙ David Edward Miller	<i>High Honor</i> Greensboro
Francis Joseph Morris	Windsor
Walter Wiley Morris, III	Durham
*Herbert Lee Pass, Jr.	Winston-Salem
Robert Bennett Payne	Winston-Salem
John Cullom Peed	Creedmoor
Philip Holleman Phillips	Hertford
William Thomas Poteat	Spindale
Darrell Gray Pritchett	Thomasville
James Morris Queen	Morganton
*Larry Council Queen	Dillsboro
*John Frederick Raum	Winston-Salem

* Honors; ** High Honors

† In Absentia

Adrian Reese Shely Fayetteville

*John William Roberts	Mocksville
Charles William Rogers	Dallas
Jack Hare Sasser	Goldsboro
Charles Edwin Scholl	Varina
Harold Schwartz	Charlotte
Herbert Nicholas Shearin	Raleigh
Robert Reynolds Sheppard	Washington
Ernest Griggs Simmons	Fayetteville
*Benjamin Johnston Sloan, Jr.	Waynesville
*Mohamed Ben Mohamed Smires	Casablanca, Morocco
Aubrey Thomas Smith	Washington, D. C.
*Thomas Manly Smith	New Bern
Bayne Gray Steele	Burlington
John Lee Stephens	Lillington
Ralph Reavis Stockard	Graham
George Edward Stubbins	Greensboro
*George Blount Taylor	Rocky Mount
Clarence Merlin Thompson	Princeton
James Franklin Williams	Lexington
James Frederick Willoughby, Jr.	Rocky Mount
William Thomas Windley	Raleigh
Larry Gene Wright	Landis
Jimmy Der Yip	High Point

BACHELOR OF SCIENCE IN ENGINEERING PHYSICS

Harry Wharton Winstead, Jr.	Roxboro
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BACHELOR OF SCIENCE IN FURNITURE MANUFACTURING AND MANAGEMENT

Norman Austin Anderson, Jr.	Mount Olive
Russell Wilson Barr, Jr.	West Jefferson
John William Burns	Wilmington
‡ Larry Randolph Isley	Martinsville, Va.
William Bailey Knight, Jr.	Hickory
* Ralph Hartman Mullis	Olin
Carl Lewis Newman	Montclair, N. J.
Donald Franklin Ritchie	High Point
Kenneth William Ross	Morganton
David Lester Thore	Martinsville, Va.
Don Baker Waldrop	Valdese

BACHELOR OF SCIENCE IN GEOLOGICAL ENGINEERING

Charles Pernell Gupton	Louisburg
Richard Alexander Heustess	Wilmington
John Harold King, Jr.	Smithfield
Cary Mills Ross	Rhodhiss

BACHELOR OF SCIENCE IN HEATING AND AIR CONDITIONING

Johnny Barto Smith	Eustis, Fla.
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* Honors; ** High Honors

‡ In Absentia

BACHELOR OF SCIENCE IN INDUSTRIAL ENGINEERING

John Arthur Aldridge	Winston-Salem
Robert Powell Armstrong	Bladenboro
Fred Alexander Barnette, Jr.	Charlotte
Robert Purdy Bell, Jr.	Concord
William Elton Bissette, Jr.	Wilson
Edwin Parks Blackwelder	Statesville
John Marlin Brumley	Newton
Dudley Edwards Bryant, III	Danville, Ky.
Christian Foy Delionback	Durham
Jerry Elmo Dodson	Statesville
Gordon Merrick Earle, Jr.	Salisbury
Roger Pittman Edwards	Fair Bluff
George William Fish	Roanoke Rapids
John Richard Fuller	Pisgah Forest
**James Acra Hackney, III	Washington
Zeb Marion Harry, Jr.	Salisbury
Robert Wilson Hodges, Jr.	Washington
Harvey Theodore Hogan, Jr.	Graham
Andrew Allen Hooker	Engelhard
James Michael Hooks	Charlotte
William Leon Johnston	Greensboro
John Phillip Kennett	Durham
Richard Carey Kistler	Charlotte
Rudolph George Kugler, Jr.	Charlotte
Thomas David Michaels	Raleigh
Richard Earle Nance	Raleigh
James Livingston Newman	Leaksville
Albert Carl Penney	Kenansville
William Frank Somers	Morganton
Kenneth Max Stainback	Elon College
Edward Mackey Swain	Elizabeth City
William Harvey Troutman	Concord
John Lee Wilcox	Tampa, Fla.
Horace Smythe Willson	Raleigh
Jerry Morris Wilson	Walkertown
Mark Gilliam Wilson	Wilson's Mills
Leonard Michael Word	Greensboro

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

*John Cecil Adams, Jr.	Gibson
Salathiel Liell Adams, III	Rowland
Samuel Leon Annas	Hudson
Mallory Scott Barber	Scotland Neck
Robert Marion Baucom	Marshville
Elmo McCotter Belangia, Jr.	Arapahoe
**Henry Wayland Blake	Winston-Salem
Neil Freeman Blake	Wallace
Dennis Wade Bowman	Westfield
**Julius Paul Brauer	Norlina
Roy Pearson Burris, Jr.	Charlotte
*Aubrey Maynard Cary, Jr.	Charlotte
Hubert Michael Collins	Winston-Salem
Arthur Glenn Corpening, III	High Point
Remus Creel, Jr.	Albertson

* Honors; ** High Honors

Glenn Daniel Culp	Gold Hill
Hugh Samson Davis	Statesville
*John Grady Davis, Jr.	Rocky Mount
*Edward Exner Denison	Asheville
Alvis Wilson Denning	Newton Grove
Alvin Johnston Dickens, Jr.	Morganton
†Otho Eugene Edwards	Charlotte
*George Burkhardt Ellis, Jr.	Winston-Salem
Arthur David Flowers	New Bern
James Dwight Fort, Jr.	Clarkton
Harold Leon Frazier	Charlotte
*Benny Joel Furr	Albemarle
Russell Wayne Gibbs	Englehard
Gary Joe Gibson	Asheville
James Randolph Griffin, Jr.	Rocky Mount
*Robert Wayne Guy	Fayetteville
James Richardson Hand	Lowell
Jay Black Harrill, Jr.	Shelby
Frank Taylor Hart, II	Henderson
Clyde Dowell Hatley, Jr.	Oakboro
Richard Graham High	Wilson
*Blake Eason Hildreth, Jr.	Ansonville
*Carroll Franklin Holmes, Jr.	Greenville
Joseph Coleman Howard	Ahoskie
Ernest Franklin Hubbard, Jr.	Stedman
William Francis Hunter	Winston-Salem
William Dewey Jackson	Saint Pauls
Perry Herbert Jameson, Jr.	Jackson
Bobby Lee Johnson	Trenton
Eli Vance Johnson	Robersonville
William Donald Johnston	Charlotte
Robert Franklin Jones	Elizabeth City
Thomas Carrow Jones	Beaufort
*William Franklin Kirk	East Bend
Russell Dale Lamb	Asheville
John Donald Lane	Asheville
Lawrence Wilson Laxton, Jr.	Elkin
John Wayland Lee	Burlington
Flora Corpening Lester	Pine Hall
Henry David Liles	Lilesville
Herbert Randolph Little	St. Petersburg, Fla.
Charles Gray McCollum	Reidsville
John Joseph McDermott, Jr.	Durham
James Ross McGavisk	Draper
William Lawrence McLeod, Jr.	Durham
*Leonard Clarence McRee	Newton
Harold Raymond Mabe	Glen Alpine
Ray Ricardo Mallory	Manila, Philippines
Henry Alton Matthews, III	Lakeview
Laster Byron Meads	Elizabeth City
*Jesse Reid Mills	Burlington
‡Mariano Molina	Camaguey, Cuba
Charles Jack Moore, Jr.	Hamlet
John Melvin Motley	Burlington
Ross McNeill Olive	Fuquay Springs
John Allen Parker, Jr.	Gastonia

* Honors; ** High Honors

‡ In Absentia

*James Edward Peterson, Jr.	Charlotte
Theodore Davis Phillips, Jr.	Morehead City
Jack Riley Poteet	Morganton
Bynum Tillett Presnell, Jr.	Wilmington
John Thomas Price	Asheville
*Charles Clifford Randall	Falcon
Thomas Allen Ray	Weaverville
Marvin Roderick Richardson	Raleigh
Ronald Gill Roughton	Elizabeth City
Harvey Dean Saunders	Morganton
Ray Bryan Sawyer	Washington
Van Doye Sherrill	Benson
Raymond Lester Smith, Jr.	Greenville
Willie Loyd Stanley, Jr.	Lexington
Thomas Williams Stephenson	Benson
John Hannibal Sturgess	Rocky Mount
James Franklin Taylor	Aberdeen
*John Thomas Taylor	Nashville
Baxter Lamar Thomas, Jr.	Charlotte
*Edward Shermer Todd	East Bend
*Robert Horton Transou, Jr.	Wilkesboro
Harry Clifton Tune, Jr.	Morganton
Wilbur Harrell Turner	Elizabeth City
Roger William Walters	Charlotte
*George Harper West	Kinston
John Welles Wilder, Jr.	Greensboro
Albert Corpening Wilfong, Jr.	Claremont
Jesse James Wilkinson	Hickory
Hartsell Franklin Williams	Morganton

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING, AERONAUTICAL OPTION

Murray Lyman Borden	Goldsboro
Douglas Franklin Coble	Fayetteville
Thomas Linville Davis	Goldsboro
Donne Robert Dekle	Matthews
*Thomas Clay Dellinger	Thomasville
*George Wilfong Fisher	Mount Pleasant
William Edward Howell	Roduco
*Olin Jarrett, Jr.	Marshall
Herbert Randolph Little	St. Petersburg, Fla.
Malcolm David MacCallum, Jr.	Southern Pines
Andrew Walton Owens	Waynesville
Odis Charles Pendergraft, Jr.	Chapel Hill
Glenn Hinson Snyder	Charlotte
Linwood Forrest Thompson	Raleigh

BACHELOR OF SCIENCE IN METALLURGICAL ENGINEERING

Richard Clyde Elam	Hickory
Ronald Wayne Fullington	Greensboro
John Harold King, Jr.	Smithfield
Harry David Moore, Jr.	Concord
Charles Bruce Pollock	Clinton
Charles Richard Shannon, Jr.	Laurinburg
*Larry Wayne Sink	Lexington

* Honors; ** High Honors

BACHELOR OF SCIENCE IN NUCLEAR ENGINEERING

Frederick Marvin Alligood, Jr.	Washington
Marvin Eddleman Beatty, III	Charlotte
Ronald Wayne Colombo	Pearl River, N. Y.
Robert Moss Freeland	Charlotte
Caleb Dinson Glass	Kannapolis
Gerald Franklin Hill	New Bern
Darl Stevens Hood	Lake Waccamaw
Howard Stephen Iskyan	Durham
Joseph Donwell Neighbors	Benson
Augustus Neville, III	Spring Hope
James Raeford Parrish	Spring Hope
Henry Wesley Ryals	Dunn
Charles Abernathy Sparrow	Charlotte
Louis Stephen Whatley	Asheboro
Richard Len Wilson	Morganton

School of Forestry



BACHELOR OF SCIENCE IN FOREST MANAGEMENT

Neil Duncan Baker	Rowland
‡Robert Paul Bullard	Evergreen
Roy McMillan Butler, II	Clarkton
Samuel Robert Calvin	Hollidaysburg, Penna.
Charles Edward Cordell	Asheville
William Stanley Craig	Asheville
Kenneth Larry Davis	Asheville
Clarence Stewart Finch	Henderson
*Ronald Fred Foster	Ferguson
George Calhoun Henderson	Manteo
Thomas Marshall Huffman	Salisbury
*Alan Jubenville	Suffolk, Va.
Fred Lee Liverman	Ahoskie
Robert Hugh McCracken	Clyde
Edward Leigh McMillan, II	Brewton, Ala.
Arthur Randolph Mahaney, Jr.	Kenbridge, Va.
Julius Graham Moore	Raeford
*Juan Efrain Munoz-Cortes	Aquadilla, Puerto Rico
William Larry Porter	Vaughan
*James Ervin Reid	Mount Sidney, Va.
*Alvin Yates Roberts	Cherryville

* Honors

‡ In Absentia

Lloyd Charles Simmons	Blakeslee, Penna.
John Alton Smith	Bowden
Robert Lee Smith	Cary
James Willis Spotts	Atlanta, Ga.
James Henningham Turner, Jr.	Dunn Loring, Va.
John Hall Turner	Raleigh
Varkey Joseph Vattaparambath	N. Parur Kerala, India
*Hoang Vu	Quang Nam, S. Viet Nam
Jack Walters, Jr.	Whiteville
Dwain Daryl Workman	Chillicothe, Ohio
John Marion Young	Asheville

BACHELOR OF SCIENCE IN PULP AND PAPER TECHNOLOGY

Charles Scott Bentley	Richmond, Va.
Gary Bryant Bridgers	Conway
*Hurley Starke Cauthorn, III	Richmond, Va.
Larry Pinkney Chapman	Winston-Salem
Thomas Herbert Eck	Savannah, Ga.
William Dawson Freuler	Weldon
William Roy Harden, Jr.	Plymouth
Paul Douglas Hardin	Canton
Henry Scott Jenkins	Harris
Arthur Lee Latimer, III	Suffolk, Va.
Suresh Chandra Dwadash Shreni	Aligarh, U. P. India
William Edmond Smith	Jacksonville, Fla.
Milton Franklin Spain	Waverly, Va.
Otto David Tharpe, Jr.	Statesville
**John Amos Toms	Forest City

BACHELOR OF SCIENCE IN WOOD TECHNOLOGY

*Hung Trung Duong	Saigon, S. Vietnam
James Pete Economou	Dayton, Ohio
Gerald Franklin Laughinghouse	Vanceboro

School of Physical Sciences and Applied Mathematics



BACHELOR OF SCIENCE IN APPLIED MATHEMATICS

Vernon Stephen Aycock	Stantonsburg
James Johnson Ayres	Baltimore, Md.
*Franklin Ward Benson	Wilson

• Honors; ** High Honors

John Henry Brown, Jr.	Rocky Mount
*James Philo Caldwell, Jr.	Charlotte
*Jimmie Hildred Caldwell	Thomasville
Jerry Edwin Crabtree	Greensboro
*Walter Bradley Cummings	Raleigh
*James Frederick Daughtry, III	Raleigh
*Stephen Bryant Denny	Greensboro
*Roscoe Edison Elkins, Jr.	Clarkton
Ralph William Emmrich	Franklin
George Logan Grubbs	Charlotte
Betty Gail Harris	High Point
John Branson Harrison	Denton
Charles Edward Lee	Sanford
William Waite Loftin, III	Mount Olive
**Leland Kitchin McDowell	Tarboro
Franklin Doub McMillan	Red Springs
*Marvin Samuel Margolis	St. Pauls
*Philip Newcomb Nanzetta	Winston-Salem
*Neal Lawrence Paris	Raleigh
Robert Carraway Parker	Greensboro
Carl Leon Pike, Jr.	Raleigh
Gary Prichard Preston	Wilmington
Thomas Christopher Robinson, Jr.	Georgetown, S. C.
*Samuel DeVon Scott, III	Fair Bluff
Rufus Kader Smith, Jr.	Charlotte
*Henry Franklin Tisdale	Raleigh
Dennis Warren Tucker	North Wilkesboro
Larry Simmons Wallace	Newport
Rufus Jennings White, Jr.	Conway
David Andrew Womble	Elm City
George Hardy Wyatt	Rocky Mount

BACHELOR OF SCIENCE IN CHEMISTRY

Nyal Dwight Camper	Forest, Va.
Harry Gray Daniel	Richmond, Va.
Melvin Douglas Edwards	Louisburg
David Siew-Pun Fock	Singapore
John Robert Fort	Charlotte
*Maurice Gene Radford	Kenly
Robert Frank Shaw	Fayetteville

BACHELOR OF SCIENCE IN EXPERIMENTAL STATISTICS

Preston Lee Hasson	Candler
Joel Franklin Martin	Troutman
Charles Howard Medlin	Charlotte
**Richard Miles Royall	Elkin

BACHELOR OF SCIENCE IN PHYSICS

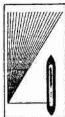
**David Nels Anderson	Raleigh
*Anthony James Barr	Summit, N. J.

* Honors; ** High Honors

Thomas Loring Nichols Spruce Pine

*Dayne Hubert Brown	Raleigh
*Donald Duane Childers	Kannapolis
*Kenneth Gordon Davenport	Ingalls
**Charles Lewis Duke	Canton
Charles Hugh Fisher	Marshall
David Chadwick Hall	Rural Hall
Howard Stephen Iskyan	Durham
James H. Joyner, III	Jacksonville Beach, Fla.
Merrill Leffler	High Point
*Richard Anthony McCorkle	Cherryville
William Eugene Miller	West Jefferson
*Hugh Bryan Noah	Raleigh
*Van Batchelor Noah	Raleigh
*Albert Konrad Pearson, Jr.	Raleigh
Charles Russell Philbrick	Cary
*Richard Hall Williamson	Canton
Candler Arthur Willis, Jr.	Candler

School of Textiles



BACHELOR OF SCIENCE IN TEXTILE CHEMISTRY

*Yalman Balta	Ankara, Turkey
George Leslie Brodmann	Raleigh
*Uler Gokcen	Istanbul, Turkey
William Sloan Griffith	Salisbury
Montague Hoskins Hicks, Jr.	Raleigh
Wesley Olen McGee	Laurinburg
Bobby Franklin Mayde	Spindale
Charles Michael Nifong	Winston-Salem
Sukru Tomris Tarim	Ankara, Turkey

BACHELOR OF SCIENCE IN TEXTILE TECHNOLOGY

*Andrew Wilson Adams	Concord
Thurman Ronald Bell	Raleigh
Wayne Dale Bolick	Hickory
Leslie Darrell Boyette	Rockingham
Marvin Burnell Braddy	Scotland Neck
Robert Wayne Broome	Hickory
Churchill Perkins Brown, Jr.	Littleton
Reggie Alexander Crowell, II	Albemarle
*Mohamed Abd-El-Kader Darwish	Alexandria, Egypt
William Scott Davidson	Dillwyn, Va.

* Honors: ** High Honors

James Asa Davis, Jr.	Carthage
William Joseph Dowd	St. Pauls
Frank Patrick Siler Duncan	Burlington
Robert Louis Ellis	Wilmington
Bernice Ray Farmer	Wilson
Millard Jackson Gainey	Dunn
Douglas Rhyne Glover	Gastonia
*Uler Gokcen	Istanbul, Turkey
Wiley Larrie Gouge, Jr.	Asheville
*Thomas Zack Guthrie	Hickory
Thomas Edison Harrison	Wake Forest
Marvin George Hicks	Charlotte
Walter George Hicks	Charlotte
Jerry David Huffman	Hickory
Mohammed Hossam-El-Dean Ibrahim	Alexandria, Egypt
Marshall Bryson Jones	Gastonia
George Steven Kalin	Upper Montclair, N. J.
*Jack Elmer Keeter, Jr.	Rutherfordton
Richard Craig Lemons	Murphy
*Thomas Edwin McCall, Jr.	Black Mountain
Orson Lane McCotter	Mount Holly
Kenneth Michael McNeill	East Rockingham
Wade Hampton McSwain, Jr.	Albemarle
William Carl Matmborg	Elkader, Iowa
Joseph Bradley Middleton	Alexandria, Va.
James Everette Monroe	Laurel Hill
Garrith Blane Pendergraft	Albemarle
Don Hugh Phillips	Charlotte
Gary Jay Rosenstrauch	Hewlett, N. Y.
Carlton Rudolph Rozier	Fayetteville
Mohammad Mushtaq Saigal	Karachi, Pakistan
Abdel Hadi Ahmed Mohamed Sid Ahmed	Alexandria, Egypt
Harold Joseph Smart	Drapet
James Samuel Smitherman, Jr.	Troy
Barry Witten Stuart	Raleigh
Sukru Tomris Tarim	Ankara, Turkey
John Woods Tolar	Cedar Grove
Stacy Thurman Walsler, Jr.	Salisbury
Joe Wilbur Waters	Forest City
David Chun Tao Yao	Hong Kong

Professional Degrees

CHEMICAL ENGINEER

Pin Pin Tee Manila, Philippines

CIVIL ENGINEER

Oscar Guillermo Espinosa Lima, Peru

* Honors

CIVIL ENGINEER, SOIL MECHANICS AND FOUNDATION OPTION

Charles David Ham Goldsboro

CIVIL ENGINEER, TRANSPORTATION OPTION

William Tommy Hill Mars Hill

James Donald Samuels High Point

INDUSTRIAL ENGINEER

‡John Frederick Dawson Wilmington

Nelson Worsham Young Reidsville

METALLURGICAL ENGINEER

‡Pranab Kumar Maitra Calcutta, India

Master's Degrees

**MASTER OF AGRICULTURAL EDUCATION**

James Carroll Edmundson, Jr. Pikeville

Ralph Columbus King Freeland

Billy Jay Nix Norwood

Franklin Dan Rivenbark Columbia

MASTER OF AGRICULTURE

Hector Joaquin Lizarraga La Paz, Bolivia

Montri Rumakom Bangkok, Thailand

MASTER OF FORESTRY

‡Donald Erskine Smith Florence, Ala.

MASTER OF INDUSTRIAL ARTS

Neill McLaurin Beatty Elizabethtown

MASTER OF OCCUPATIONAL INFORMATION AND GUIDANCE

Leroy Oglethorpe Batts, Jr. Kinston

‡ In Absentia

MASTER OF SCIENCE

Agricultural Economics

Robert Irvin Coltrane	Sophia
William David Diehl	East Helena, Montana
Roger Noel Harris	Lusaka, N. Rhodesia
†Audley Eugene Hileman	Ford City, Penna.
†James Baxter Hunt, Jr.	Lucama

Agricultural Engineering

Eustace Orland Beasley	Four Oaks
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Animal Industry

†Ira Joel Ellis, Jr.	Saratoga
Freddie Nelson Knott	Raleigh

Botany and Bacteriology

Claude Wayne Moss	Rural Hall
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Chemical Engineering

Kenneth Edward Nichols	Charleston, S. C.
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Civil Engineering

James Lewis Covil	Wilmington
Rodney Duane Faulds	Seattle, Wash.
Robert Jan-Chiu Feng	Shanghai, China
†John Foy Ledbetter, Jr.	Asheville
†Andrew Franklin McRorie	Asheville
Gordon Norman Owen, Jr.	Aruba, Netherlands, Antilles
Harold O'Neil Seagraves	Kannapolis

Electrical Engineering

Se Hoon Chang	Seoul, Korea
†Cheng Yuan Chin	Shantung, China
Herman Holmes DeLoach	Burlington
Bryson Ellford Epting	Columbia, S. C.
John McLaughlin Eubanks	Greensboro
David Jiang Liu	Amoy City, China
Joseph Richard Lucas, Jr.	Raleigh
†Hou Leh Yeh	Chang-Hua, Taiwan

Engineering Mechanics

Robert Gaston Pearce, Jr.	Henderson
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Experimental Statistics

Truong Quang Canh	Saigon, Viet Nam
Cordelia Kay Knight Mazuy	Oscola, Mo.

Food Science and Processing

John Aaron Singleton	Murfreesboro, Tenn.
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School of Forestry

†Gilbert Le Roy Comstock	Eddyville, Iowa
Sambas Wirakusumah	Bandung, Indonesia

Horticulture

†Joseph F. Brooks, Jr.	Hendersonville
Paul Harry Jennings	Carver, Mass.
William Belton Nesbitt	Edneyville

† In Absentia

Industrial Engineering

- †Carlton Estilow Hunter Raleigh
†Loren Jay Tibbitts Sacramento, Cal.

Mathematics

- Henry Lee Fisher, Jr. Mt. Pleasant
Henry Horace Gatewood Winston-Salem
Thomas Gilmer Proctor, III Hendersonville
John Frederick Swanson Raleigh

Mechanical Engineering

- Robert Lewis Cowardin Raleigh
James McKenney Cutchin, IV Whitakers
Hanson Huang China
†Robert John Simoneau West Bend, Wis.
Drexel Kermit Smith Kinston

Mineral Industries

- †Mamdouh Ahmed Bayoumi Cairo, Egypt
Dong Myung Choi Taegu, Korea
Robert Bond Fitts Asheville
Robert Douglas McBrayer Forest City
†James Allen Ray Asheville
†Basri Sezer Surmene, Turkey

Nuclear Engineering

- Garrett Victor Sidler Arcadia, Cal.

Occupational Information and Guidance

- †Gloria Elizabeth Epperson Alexandria, Va.

Physics

- Norman Earl Banks New Bern
†Philippe Jacques Chardin Paris, France
Philip Edward Hamrick Boiling Springs
†James Elwyn Watson, Jr. Red Springs

Plant Pathology

- †David Lee Bramlett Asheville

Psychology

- Kinchen Whitaker Ballentine, III Erwin
†Homer Ross Greene, III State College, Penna.

School of Textiles

- †Panayoty Elie Gregoriou Alexandria, Egypt
Abdel Fattah Mahmoud Mohamed Taher Nag-Hammadi, Egypt

‡ In Absentia

Doctor of Philosophy Degrees

- Dissertation: David Arthur Adams, Botany and Bacteriology
Factors influencing vascular plant zonation in North Carolina Salt-marshes
- ‡Robert Louis Anderson, Animal Science
Dissertation: Fatty Acid Distribution in Adipose Tissue Glycerides
- ‡Fernando Apelo Bernardo, Genetics
Dissertation: Chromosome elimination as related to genetical segregation frequencies in *Gossypium* amphidiploids
- Raghunath Singh Dahiya, Food Science
Dissertation: Symbiosis among Lactic Streptococci
- Robert Lyle Dough, Physics
Dissertation: Position lifetime studies in solids and liquids
- Miguel Angel Guzman, Experimental Statistics
Dissertation: Study and application of a non-linear model for the nutritional evaluation of proteins
- Nicolaos Konstantinou Harakas, Chemical Engineering
Dissertation: Moving bed heat transfer
- Samuel Forest Jenkins, Jr., Plant Pathology
Dissertation: Genetic, taxonomic, and physiologic studies of two *Glomerella* species pathogenic on cucurbits
- Ray Edwin Johnson, Soil Science
Dissertation: Investigations of calcium uptake and transport and some properties of a calcium-activated adenosine triphosphatase in wheat roots
- John Campbell Martin, Electrical Engineering
Dissertation: Los-loss frequency multipliers of higher order and power in the VHF range-an analysis for their design using nonlinear capacitors
- ‡Ramjibhai Madhavbhai Patel, Experimental Statistics
Dissertation: Selection among factorially classified variables
- ‡Richard Roland Prairie, Experimental Statistics
Dissertation: Optimal designs to estimate variance components and to reduce product variability for nested classifications
- ‡Mitchell Howard Thomas, Jr., Plant Pathology
Dissertation: Factors affecting glume blotch development on wheat and variation in the causal organism, *Septoria nodorum*
- Clas Marten Von Ramm, Plant Pathology
Dissertation: Pathogenesis and epiphytology of tobacco brown spot caused by *Alternaria longipes*
- Wayne Tiamon Williamson, Food Science
Dissertation: A study of the proteolytic activity of lactic streptococci
- ‡Alvin Edwin Woods, Food Science
Dissertation: Studies on the volatile carbonyl compounds in ladine clover and their influence on the flavor of milk

‡ In Absentia

DEGREES CONFERRED

July 20, 1961
August 25, 1961
January 24, 1962

School of Agriculture



BACHELOR OF SCIENCE IN AGRICULTURAL ENGINEERING

Jointly administered by Schools of Agriculture and Engineering

Harry Jackson Gibson (January, 1962) Laurinburg
Thomas Burton Whitaker (January, 1962) Raleigh
Phillip Russell Williams (January, 1962) Fayetteville

BACHELOR OF SCIENCE IN ENTOMOLOGY

Coleman Anderson Doggett (January, 1962) Shelby

BACHELOR OF SCIENCE

Agricultural Economics

William Eugene Blalock (July, 1961) Halifax
Wayne Richard Bobbitt, Jr. (August, 1961) Zebulon
John McArtan Booker (July, 1961) Clinton
Gene Autry Sullivan (January, 1962) Micro
Edward Buford Titmus (January, 1962) Petersburg, Va.

Agricultural Engineering

Abdul Wahid El-Haimus (January, 1962) Baghdad, Iraq

Animal Industry

Bernard Broughton Lennon (January, 1962) Evergreen
John Rives Manning, Jr. (January, 1962) Roanoke Rapids
Roy William Reece, Jr. (July 20, 1961) Boonville
Gordon Edward Sawyer (January, 1962) Elizabeth City
Glenn Arrington Taylor (January, 1962) Whitakers

Botany and Bacteriology

Randolph Christian McLeod (January, 1962) Bethesda, Md.

Dairy Manufacturing

**John Lester Edwards, Jr. (January, 1962) Waynesville
 James Monroe Floyd, Jr. (January, 1962) Lexington
 Jack Douglas Moore, Jr. (January, 1962) Waynesville

Field Crops

Claude Noble Capps (August, 1961) Smithfield
 Walter Norman Garrison (January, 1962) Burlington
 Stanley Warren Glover (January, 1962) Spring Hope

Horticulture

John Rex McDonald (January, 1962) Cameron
 Daniel Clary Whitener (January, 1962) Huntersville

Poultry Science

*Donald Lentz Cline (January, 1962) Mt. Pleasant
 Hugh Gordon Maxwell, III (January, 1962) Goldsboro

Rural Sociology

Robert Morrow Slater (January, 1962) Wilson

Soils

Bobby Melvin Long (January, 1962) Shallotte

Zoology

Solomon Thaddeus Cherry, Jr. (January, 1962) Fayetteville
 Philip Bernard Dahlen (January, 1962) Oakland, N. J.
 Howard McDonald Ellis, Jr. (January, 1962) Raleigh
 Fredrick Henry Lesser (January, 1962) Pine Beach, N. J.
 John Marshall Ogle (January, 1962) Valdese

School of Design

**BACHELOR OF ARCHITECTURE**

Robert Roger Lackney (July, 1961) Toledo, Ohio

• Honors; ** High Honors

School of Education



BACHELOR OF SCIENCE IN AGRICULTURAL EDUCATION

Collin McKinnon Abbitt, Jr. (January, 1962)	Oak Ridge
Thomas Bert Bailey (July, 1961)	Greensboro
Billy Joe Boles (July, 1961)	King
Joseph Lester Early (January, 1962)	Oak City
* Alfred Landon Elmore (January, 1962)	Dunn
William Elbert Fouts (January, 1962)	Franklin
Joseph Paul Gore (July, 1961)	Clarendon
Robert Shelton Grady (January, 1962)	Albertson
John Thomas Kanipe, Jr. (January, 1962)	Fair Bluff
Nicholas Larus Paul (July, 1961)	Pantego
* Benjamin Graham Potter (July, 1961)	Reelsboro
Curtis Tapp Shivar (January, 1962)	Seven Springs
William Earl Spell (January, 1962)	Autryville
Louis Brason Twiford (January, 1962)	Elizabeth City
* Delmar Dale Weaver (January, 1962)	Goldsboro

BACHELOR OF SCIENCE IN INDUSTRIAL ARTS

Johnnie Ray Bankett (August, 1961)	Salisbury
Ronald Alexander Bell (July, 1961)	Winston-Salem
James Davis Bodziak (January, 1962)	Pittsburgh, Penna.
Allen Norman Boyer, Jr. (January, 1962)	Fayetteville
Johnny Lee Crow (January, 1962)	Lincolnton
John Covington Dalton (January, 1962)	Asheboro
* Lloyd Wilson Elliott (January, 1962)	Old Fort
Richard Dan Falls (January, 1962)	Besemer City
William Arnold Fisher (August, 1961)	Durham
Robert Van Cleve Giersch (August, 1961)	Charlotte
William Ward Grady (January, 1962)	Raleigh
* Raymond George Hege (January, 1962)	Winston-Salem
Hamilton Edward Hicks, Jr. (January, 1962)	Wilmington
Clyde Roark Hocoy, II (January, 1962)	Shelby
Edward Rankin Lowry, Jr. (August, 1961)	Greensboro
John Thomas Morris (January, 1962)	Galax, Va.
Leroy Pearce Murphy (January, 1962)	Spring Hope
Stanford Elskamp Niemer (January, 1962)	Charlotte
* Thomas Blair Oakley (January, 1962)	Knightsdale
George Wilson Parks, Jr. (January, 1962)	Raeford
Marion Rickman Phelts (January, 1962)	Lillington
* Archie Curtis Phillips (January, 1962)	Cary
Carl Flay Powell, Jr. (January, 1962)	Wilmington
Lee Raymond Rowley (January, 1962)	Croton-on-Hudson, N. Y.
John Gilliam Stewart (January, 1962)	Gastonia
Silas Ezra Strickland, Jr. (January, 1962)	Rocky Mount
Joe Vaughn Trogdon (January, 1962)	Asheboro
Ronald Wojcicki (January, 1962)	Pittsburgh, Penna.
Robert Conrad Wolfer (January, 1962)	Pekin, Ill.

* Honors

BACHELOR OF SCIENCE IN MATHEMATICS EDUCATION

John Edward Andrews (January, 1962)	Richmond, Va.
**Ann Louise Bellis (August, 1961)	Black Mountain
George Ratliff Bennett (January, 1962)	Raleigh
James Norfleet Clark, Jr. (July, 1961)	Weldon
William Herbert Clemmer (August, 1961)	High Point
Virgil James Edwards (January, 1962)	New Bern
Billy Wade Harris (January, 1962)	Durham
Deryl Burdon Holliday (August, 1961)	Southern Pines
Henry Charles Jenkins (January, 1962)	Goldsboro
Thelbert Eugene Langley (January, 1962)	Clayton
James Worth Lineberger, Jr. (August, 1961)	New Bern
Caleb Jones Maddox (January, 1962)	Raleigh
Glenn Grey Perry, Jr. (January, 1962)	High Point
Robert Harris Simons (January, 1962)	Winston-Salem
James Albert Stephens (January, 1962)	Raleigh
Lloyd Kit Stimson (January, 1962)	Milford, N. H.
Jimmie Anthony Stutts (January, 1962)	Robbins
Frank Hooks Thompson (January, 1962)	Stantonsburg

BACHELOR OF SCIENCE IN RECREATION AND PARK ADMINISTRATION

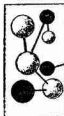
Robert Leon Adams (January, 1962)	Pawtucket, R. I.
William Hoyet Bell (July, 1961)	Warsaw, Ind.
Jack William Boddie (August, 1961)	Goldsboro
Woodrow Wilson Carruthers, Jr. (January, 1962)	Greensboro
Thomas Carl Comer (January, 1962)	Cameron
James Joseph Fitzgerald (January, 1962)	McKeesport, Penna.
Alexander John Gilleskie (January, 1962)	Heidelberg, Penna.
David Glenn Huffman (January, 1962)	Burlington
Thomas Joseph Katich (January, 1962)	Pittsburgh, Penna.
Gerald Daniel Mancini (August, 1961)	McKees Rocks, Penna.
Nathaniel Alexander Martin (July, 1961)	Danbury
Collice Clyde Moore (January, 1962)	Littleton
Everett Livingston Norton, Jr. (August, 1961)	Raleigh
Fleming Mitchell Preddy (January, 1962)	Raleigh
Louis Edward Pucillo (August, 1961)	Philadelphia, Penna.
Samuel Anthony Raneri, III (January, 1962)	Greensburg, Penna.

BACHELOR OF SCIENCE IN SCIENCE EDUCATION

**John Stanley Chrisenberry (January, 1962)	Raleigh
Carl Louis McGee (January, 1962)	Lenoir
Paul Dewey Proctor, Jr., (July, 1961)	Rocky Mount
Marion Joan Croft Smith (January, 1962)	Asheboro
Herman Nathan Ward, Jr. (January, 1962)	Roanoke Rapids

** High Honors

School of Engineering



BACHELOR OF SCIENCE IN CERAMIC ENGINEERING

- Walter Jackson Lackey, Jr. (August, 1961) Fallston

BACHELOR OF SCIENCE IN CHEMICAL ENGINEERING

- Robert Brooks Blanchard (January, 1962) Wallace
 Eugene Mack Bryant (July, 1961) Hendersonville
 Raymond K. Fuhrer (January, 1962) Charlotte
 Ronald Stephen Hulse, Jr. (January, 1962) Charlotte
 •Roy Bratton Moffitt (January, 1962) Greensboro
 ••Suphi Muneyirci (January, 1962) Istanbul, Turkey
 Constantinos Bill Tchouros (July, 1961) Wilmington

BACHELOR OF SCIENCE IN CIVIL ENGINEERING

- Robert Baker Davis (July, 1961) Elizabeth City
 •Robert Sarratt Gidney, Jr. (August, 1961) Shelby
 Vincent Arnold Hamrick (August, 1961) Winston-Salem
 William Blain Hoskins, Jr. (July, 1961) Fayetteville
 George Grady Jackson, Jr. (July, 1961) Elm City
 Soleiman Javid (January, 1962) Teheran, Iran
 Charles Harvey McElroy (July, 1961) Asheville
 Franklin Roosevelt Price (August, 1961) Tarboro
 Paul Ernest Romano (January, 1962) Bristol, R. I.
 Louis Rogers Smith (July, 1961) Mt. Airy
 •Ronald Ellis Smith (August, 1961) Rocky Mount
 William Alfred Smith (August, 1961) Asheville
 William Earl Stevens (July, 1961) Raleigh
 Richard Hulse Stickney (January, 1962) Asheville
 Harold Garry Wilde (January, 1962) Marshall

BACHELOR OF SCIENCE IN CIVIL ENGINEERING, CONSTRUCTION OPTION

- Richard Fulton Bethune (July, 1961) Raleigh
 Thomas Reeves Hoskins (July, 1961) Spencer
 Harold Mowery, Jr. (July, 1961) Salisbury
 Andrew Constantine Pappamihel (August, 1961) Charlotte

BACHELOR OF SCIENCE IN ELECTRICAL ENGINEERING

- Charles Wesley Cook (August, 1961) Calypso
 •Carl Lynwood Fales, Jr. (July, 1961) Wilmington
 ••David Eugene Fetherston (January, 1962) Largo, Fla.
 Wayne Dewey Gunter, Jr. (January, 1962) Bryson City
 Charles Edward Mansfield (July, 1961) Greensboro
 Ted Richard Ormsby (July, 1961) Laurinburg

BACHELOR OF SCIENCE IN ENGINEERING PHYSICS

- Donald Hugh Groce (August, 1961) Yadkinville

• Honors; •• High Honors

BACHELOR OF SCIENCE IN FURNITURE MANUFACTURING AND MANAGEMENT

Bright Hilton Barefoot (August, 1961) Charlotte
James Franklin Burke (July, 1961) Charlotte
William Fletcher Hix (January, 1962) Asheboro
Preston Eugene Simmons (January, 1962) Troy
James Kenneth Stone, Jr. (January, 1962) Hickory
William Oliver Wilson (January, 1962) Leaksville

BACHELOR OF SCIENCE IN GEOLOGICAL ENGINEERING

Albert Frank Clements (July, 1961) Hamlet
Lonnice Thomas Sanford, III (January, 1962) Charlotte

BACHELOR OF SCIENCE IN HEATING AND AIR CONDITIONING

Marion Rickman Phelts (July, 1961) Lillington

BACHELOR OF SCIENCE IN INDUSTRIAL ENGINEERING

Julian Asbury Blankinship, Jr. (July, 1961) Lynchburg, Va.
Ernest George Charles (July, 1961) Raleigh
Francis Johann Moncada (August, 1961) Brooklyn
Brown David Thames, Jr. (January, 1962) Raleigh

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING

Johnny William Allred (August, 1961) Elon College
Alton James Barnhill, Jr. (July, 1961) Bunnlevel
William Emmanuel Coutouzis (August, 1961) Fayetteville
John Gordon Early (January, 1962) Raleigh
Franklin Delano Harrison (August, 1961) Mount Olive
Barry Colburn Henderson (July, 1961) Hickory
Carlton Perry Hunt (July, 1961) Angier
William Dupree Lytch, Jr. (July, 1961) Laurinburg
Bert Early Richard (January, 1962) Winston-Salem
William Thomas Stewart (January, 1962) Burlington
Clifton Benjamin Vann, III (January, 1962) Wilmington
Nathan Dee Watson (January, 1962) Mt. Airy
Tarik Zencl (August, 1961) Istanbul, Turkey

BACHELOR OF SCIENCE IN MECHANICAL ENGINEERING, AERONAUTICAL OPTION

James L'Roy Davis (January, 1962) Raleigh
George Michel Haddad (January, 1962) Hammana, Lebanon
William Headley Hall (January, 1962) High Point
Stacy Newman U'Ren (July, 1961) Gastonia

BACHELOR OF SCIENCE IN METALLURGICAL ENGINEERING

Max Elmo Bostian (August, 1961) China Grove
James Edward Martin (January, 1962) Kirkwood, Mo.

BACHELOR OF SCIENCE IN NUCLEAR ENGINEERING

James Leo Boyland (January, 1962) Alexandria, Va.
Phillip Marshall Bunting (August, 1961) Greensboro
Chris Gross (January, 1962) Wilmington
Orlando Alberto Mendez (August, 1961) Bogota, Colombia

Harry Eugene Mullis (August, 1961)	.....	Reidsville
*Donald Louis Myers (July, 1961)	.....	DuBois, Penna.
Gerald Addison Pierce (August, 1961)	.....	High Point
Malcolm Fred Ross, Jr. (July, 1961)	.....	Raleigh

School of Forestry



BACHELOR OF SCIENCE IN FOREST MANAGEMENT

*Joel David Artman (January, 1962)	.....	Norris, Tenn.
Junius Leroy Beaver (January, 1962)	.....	High Point
Walter Thomas Bray (August, 1961)	.....	Rockingham
William Bryan Byrd, Jr. (July, 1961)	.....	Lillington
Marshall Weldon Gore (January, 1962)	.....	Tabor City
Joseph Carr Hamme (July, 1961)	.....	Oxford
Bruce Wendell Hamrick (January, 1962)	.....	Shelby
James Nance Lockwood (August, 1961)	.....	Knoxville, Tenn.
William Burder Shuford, Jr. (August, 1961)	.....	Hickory
Robert Lee Tyson, II (January, 1962)	.....	Raleigh

BACHELOR OF SCIENCE IN PULP AND PAPER TECHNOLOGY

James Vincent Gruzdis, Jr. (August, 1961)	.....	Thomasville
James Malcolm Hays (January, 1962)	.....	Hamilton, Ohio

BACHELOR OF SCIENCE IN WOOD TECHNOLOGY

*Tim Biggerstaff (July, 1961)	.....	Bostic
Arthur Randolph Mahaney, Jr. (January, 1962)	.....	Kenbridge, Va.
Albert Luther Price (August, 1961)	.....	Moravia, N. Y.

* Honors; ** High Honors

School of Physical Sciences and Applied Mathematics



BACHELOR OF SCIENCE IN APPLIED MATHEMATICS

Hoyle Lee Blalock, Jr. (July, 1961)	Boiling Springs
John Craven Broughton (January, 1962)	Garner
*Carlton Baxter Carver (January, 1962)	Roxboro
*Marvin McHenry Everett, Jr. (August, 1961)	Robersonville
James Christopher Gold (July, 1961)	Shelby
**David Artemas Goodwin (August, 1961)	Oswego, N. Y.
**Arthur Bruce Hoadley (August, 1961)	Raleigh
*Ray James Roten (January, 1962)	West Jefferson
*Donald Francis Schermerhorn (August, 1961)	Schenectady, N. Y.
Ronald Eric Sheppard (January, 1962)	Winston-Salem
*Timothy Nugent Taylor (January, 1962)	Rockingham
John Charles Waters (January, 1962)	Charlotte

BACHELOR OF SCIENCE IN CHEMISTRY

Leland Jasper Perkinson (January, 1962)	Wise
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BACHELOR OF SCIENCE IN PHYSICS

*Albert Tien-Mou Kung (August, 1961)	Taipei, Taiwan
*Charles Evans Parks (August, 1961)	Halifax
Robert Lee Wagstaff, Jr. (January, 1962)	Kannapolis
**Raymond Sheridan Winton, II (January, 1962)	Raleigh
**James Wesley York, Jr. (January, 1962)	Raleigh

School of Textiles



BACHELOR OF SCIENCE IN TEXTILE CHEMISTRY

**Suphi Muneayirci (January, 1962)	Istanbul, Turkey
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BACHELOR OF SCIENCE IN TEXTILE TECHNOLOGY

William Henry Ayscue, Jr. (January, 1962)	Wilmington, Del.
*Robert Calvin Bowen, Jr. (August, 1961)	Charlotte

* Honors; ** High Honors

Alex Wimer Cabe, Jr. (January, 1962)	Fontana Dam
Jan Clevenger Cates (January, 1962)	Burlington
Berry Wendell Cauble (January, 1962)	Gastonia
Cecil McClellan Dellinger, Jr. (January, 1962)	Stanley
Wesley Irvin Edens (July, 1961)	Draper
Wildon Curtis Flake, Jr. (January, 1962)	New London
Charles Homer Flynt, Jr. (January, 1962)	Liberty
Ronald Van Furr (January, 1962)	Albemarle
Michael Gelber (August, 1961)	Ramat-Hasharon, Israel
John Wayne Gibson (January, 1962)	Fairmont
Benjamin Ransom Goff (July, 1961)	Roseboro
Val John Guthery, III (January, 1962)	Charlotte
Charles Roy Hall (August, 1961)	Marion
Jack Morgan Holt (January, 1962)	Sanford
Kenneth Kung Hung (January, 1962)	Raleigh
Gary Theodore Hunsucker (July, 1961)	McAdenville
Jules Doar Johnson, Jr. (January, 1962)	Shelby
Walter Vernon Jones, Jr. (January, 1962)	Liberty
Raj Kumar (January, 1962)	Etawah, India
Ernest Mose LaFoy (January, 1962)	Concord
Didier LeBlanc (January, 1962)	La Madeleine, Nord, France
Jerry Labon Little (January, 1962)	Monroc
Harold Guy McCall, Jr. (August, 1961)	Stoneville
Max Burrage Merritt (August, 1961)	Salisbury
Richard Donald Parks (July, 1961)	Archdale
Adger Ray Perry (January, 1962)	Charlotte
James Wheeler Powell (July, 1961)	Greensboro
John Vashti Randall, Jr. (August, 1961)	Salisbury
Joel Weir Ray (January, 1962)	Asheville
William Fredrick Revelle (January, 1962)	Warsaw
Donald Clark Roberts (July, 1961)	Rockingham
Paul Albert Romeo (August, 1961)	Moncks Corner, S. C.
*Thomas Schofield Bonello (August, 1961)	Lima, Peru
Arnold Willard Seawell, Jr. (January, 1962)	Aberdeen
Harold Dickinson Wilson (January, 1962)	Raleigh
David Solomon Winstead (January, 1962)	Bunn
Clyde Leon Wyrick, Jr. (August, 1961)	Lumberton
Steve Elias Zeis (July, 1961)	Istanbul, Turkey

Professional Degrees

CIVIL ENGINEER, SANITARY OPTION

Joseph Glasgow Howe (January, 1962) Hendersonville

* Honors; ** High Honors

Master's Degrees



MASTER OF AGRICULTURAL EDUCATION

Alton Ray Davis (August, 1961) Pikeville
Marion Donnie Dutton (July, 1961) Oakboro
Vance Eugene Hamilton (July, 1961) Lillington
Abe Marion (January, 1962) Norwood
Henry Ford Rash (August, 1961) Jefferson

MASTER OF AGRICULTURE

James Glenn Allgood (August, 1961) Cary
Rodolfo Bastida (January, 1962) Libertad, Barinas, Venezuela
Hugolino de Jesus Cardenas (August, 1961) San Cristobal Tachira, Venezuela
Levy Ambas Trinidad (August, 1961) Quezon City, Philippines

MASTER OF FORESTRY

Mahmoud Hussein Salem (August, 1961) Cairo, Egypt

MASTER OF INDUSTRIAL ARTS

Ralph Lincoln Rigdon, Jr. (January, 1962) Sylvania, Ga.

MASTER OF INDUSTRIAL EDUCATION

Walter Harrill Wray (August, 1961) Gastonia

MASTER OF OCCUPATIONAL INFORMATION AND GUIDANCE

Clarence Edward Dodgens (August, 1961) Lowell
Sherrill Taft Goodman (July, 1961) Dunn
Robert Emmett Mc Nerney (January, 1962) Goldsboro

MASTER OF SCIENCE

Agricultural Economics

Nicolas Arditto Barletta (January, 1962) Panama, Panama
Andrew Preston Varley (August, 1961) Raleigh

Agricultural Engineering

Ralph Kenneth Matthes, Jr. (July, 1961) Conway, S. C.
Preston Eugene Sasser (July, 1961) Kinston

Animal Industry

Joseph Freeman Dickey (January, 1962) Hillsboro
James Dwight Pettyjohn (January, 1962) Kincaid, Kansas
Hardie Lee Richards (August, 1961) Vera

Botany and Bacteriology

Bryan Rufus Reep (July, 1961) Raleigh

Chemical Engineering

Richard Albert Wadden (January, 1962) Sioux City, Iowa

Chemistry

Agnes Ying-Fu Chang (January, 1962) Shanghai, China

Civil Engineering

Joseph Lawrence Spruill (July, 1961) Cary

Electrical Engineering

James Owen Chatham (July, 1961) Winston-Salem

Homer Buford Goff, Jr. (January, 1962) Greensboro

Bou-Loong Ho (July, 1961) Chekiang, China

Preston Benton Johnson (January, 1962) Benson

Richard Lawson (January, 1962) Burlington

Paul Eugene Scarborough, Jr. (July, 1961) Statesville

Carlos Silva (January, 1962) Miami, Fla.

William Daniel Stanley (January, 1962) Bladenboro

Engineering Mechanics

Robert Douglass Holmes (January, 1962) Henderson

Experimental Statistics

Vijaysinh Govindji Ashar (August, 1961) Bombay, India

Field Crops

Richard Ray Hill, Jr. (July, 1961) Youngsville

Richard Harvey Richardson (January, 1962) Mexia, Tex.

School of Forestry

Kingsley Arter Taft Jr. (January, 1962) Columbus, Ohio

Genetics

Henry Elkin Schaffer (January, 1962) Yorktown Heights, N. Y.

Horticulture

Jawad Thanoon Agha (January, 1962) Mosul, Iraq

Carroll Junior Southards (January, 1962) Bryson City

Mathematics

John Walter Dulin (August, 1961) Concord

Robert Allen Morrow (August, 1961) Monroe

David Boyce Teague (August, 1961) Granite Falls

John Tunstall Welch, Jr. (August, 1961) Oxford

Robert McFarland Woodside (August, 1961) Staunton, Va.

Mechanical Engineering

Rolin Farrar Barrett (January, 1962) Raleigh

Robert Lamont McDonald (August, 1961) Goldsboro

James Reginald Maus, Jr. (January, 1962) Greensboro

Lalji Jayantilal Pavagadhi (August, 1961) Rajkot, Gujrat, India

Joseph Tatem Pearson, Jr. (July, 1961) New Bern

Mineral Industries

Robert Andrew Draughn (August, 1961) Wilson

Roger Allen Gregg (January, 1962) Lenoir

George Oliver Harrell (July, 1961) Raleigh

Leon Tysor Jordan, Jr. (January, 1962) Raleigh

Earl Ryan Thompson (January, 1962) Lenoir

Nuclear Engineering

Robert Richard Liguori (August, 1961) Southington, Conn.
Jean-Bernard Antoine Martignoni (January, 1962) Marseille, France
Edmond Joseph Pierczynski (August, 1961) Charlotte
Thomas Fulton Wyke (January, 1962) Shelby

Occupational Information and Guidance

James Elwood Bengel (January, 1962) Buie's Creek
Harendra Chandra Ghosh (July, 1961) Agartala, Tripura, India
George Olin Hallman (August, 1961) Columbia, S. C.
Inez Trogdon Hussey (August, 1961) Asheville

Physics

Carrol Reid Bingham (January, 1962) Fallston
Charles Klem Lombard (August, 1961) Raleigh
Jean-Marc Rene' Manoha (July, 1961) Paris, France
Jerry Albert Sawyer (August, 1961) New Bern

Plant Pathology

Demetrios Antonios Vasiliadis (August, 1961) Solonika, Greece

Poultry Science

Willie Leonard Payne (January, 1962) Asheville

Psychology

James Edwin Brown (January, 1962) Huntington, W. Va.
Clarence Lee Holland (August, 1961) Wilmington
Leslie Rogers Taylor (January, 1962) Wilmington

Rural Sociology

Opal Green Brendle (August, 1961) Raleigh
Adam Clarke Davis (January, 1962) Greenville

Soils

Patrick Anthony Gallagher (January, 1962) Wexford, Ireland

Textile Chemistry

Naranbhai Madhavbhai Patel (January, 1962) Jhadeshwar, Gujarat, India

Textile Technology

Chimanlal Harilal Doshi (January, 1962) Bhavnagar, India

Zoology

Randall Puryear Cheek (January, 1962) Raleigh

Doctor of Philosophy Degrees

- Dissertation: Shaukat Ahmed, Botany and Bacteriology, (August, 1961)
On the essentiality of cobalt for the growth of soybean (*Glycine max.* Merr.)
- Dissertation: Alfredo Carballo, Field Crops, (January, 1962)
Genetic variances in a Mexican variety of corn of the Tuxpeno race
- Dissertation: Robert Lee Chaplin, Jr., Physics, (January, 1962)
2 Mev electron irradiation and thermal annealing of pure copper at low temperature
- Dissertation: Roy Clifford Coffee, Soils, (August, 1961)
Sorption and volatilization processes of ammoniacal nitrogen in plant residues and in soils
- Dissertation: Frederick Russell Cox, Soils, (August, 1961)
The effect of plant population, various fertilizers, and soil moisture on the grade and yield of peanuts
- Dissertation: Charles Edward DePoe, Botany and Bacteriology, (August, 1961)
Relationships within the Genus *Nuphar* Sm. (Nymphaeaceae) in the Carolinas
- Dissertation: Charles Page Fisher, Jr., Civil Engineering, (January, 1962)
Neutron scattering and soil moisture
- Dissertation: George Thomas Foradori, Experimental Statistics, (January, 1962)
Some non-response sampling theory for two stage designs
- Dissertation: Nripendra Kumar Ganguly, Physics, (January, 1962)
The effect of temperature on diffusion parameters of heavy water
- Dissertation: Zachary Adolphus Henry, Agricultural Engineering, (January, 1962)
Charge capacity of the cotton fiber and resultant forces in an electric field
- Dissertation: Edgar Walton Jones, Agricultural Economics, (January, 1962)
Economic efficiency in constructing and operating bulk peanut receiving stations
- Dissertation: Jasper van der Westhuizen Jooste, Field Crops, (January, 1962)
Characterization of plant esterases which hydrolyze certain herbicidal esters
- Dissertation: Syed Hamid Mahmood, Entomology, (January, 1962)
A study of the Typhlocybina leafhopper genera of the Oriental region (Homoptera: Cicadellidae)
- Dissertation: William Steve Mallios, Experimental Statistics, (January, 1962)
Some aspects of linear regression systems
- Dissertation: Robert Hoover Miller, Animal Industry, (January, 1962)
Estimation of non-additive hereditary variance in traits of mice
- Dissertation: Herbert Wood Ockerman, Animal Industry, (January, 1962)
Separation and identification of volatile chemical compounds in dry-cured hams
- Dissertation: Hugh Arthur Poston, Animal Industry, (January, 1962)
Seasonal changes in the reproductive pattern of the bovine, with investigations into possible hypothalamic influence

- Dissertation: Earl Otis Skogley, Soils, (January, 1962)
Nature and mechanisms of ammonium and chloride influences on growth and properties of tobacco
- Dissertation: James Wayland Smith, Animal Industry, (January, 1962)
Relation of days open and days dry to lactation production
- Dissertation: Richard Conrad Taeuber, Experimental Statistics, (January, 1962)
On sampling with replacement: an axiomatic approach
- Dissertation: Warren Slater Thompson, Forestry, (August, 1961)
Diffusion of heavy-metal salts into wood and their effect on selected wood properties
- Dissertation: Robert William Toler, Plant Pathology, (January, 1962)
Soil-borne oat mosaic
- Dissertation: Samuel Guy Turnipseed, Entomology, (August, 1961)
Some factors influencing oviposition and incubation of eggs of the tobacco wireworm, *Conoderus vespertinae* (F.)
- Dissertation: Merrill Wilcox, Field Crops, (August, 1961)
The metabolism of phenoxyaliphatic acids in higher plants

Recipients of Honorary Degrees

FOR THE HONORARY DEGREE OF DOCTOR OF SCIENCE

STERLING BROWN HENDRICKS

The lives of all of us in the State of North Carolina and in the United States of America have been enriched in every way because of your scientific ability and unremitting efforts.

Born in Texas, Dr. Hendricks studied successively at the University of Arkansas, Kansas State Agricultural College, and the California Institute of Technology. After work at the Geophysical Laboratory of the Carnegie Institution of Washington and the Rockefeller Institute of Medical Research, he entered the United States Department of Agriculture in 1928. There he still serves as chief chemist in the Pioneering Research Laboratory for the Mineral Nutrition of Plants.

The list of his prizes, fellowships, and awards is a litany to a life devoted to the service of science and of mankind. Chemist, mineralogist, geologist, agronomist, plant physiologist, physicist—his breadth of interest and versatility of accomplishment make him a type almost unknown since the advent and growth of modern science.

Dr. Hendricks, your contributions to your country and the welfare of mankind bring honor to all of us. We are happy to return it in part by conferring upon you the degree of Doctor of Science.

FOR THE HONORARY DEGREE OF DOCTOR OF HUMANITIES

LENNOX POLK McLENDON

Native of this state and alumnus of this College, few have less selfishly devoted their lives to the service of the Commonwealth than have you.

Dr. McLendon, for so he is by action of his second alma mater, the University of North Carolina, was born in Wadesboro. He was graduated from State College in the Class of 1910 and from the University with the degree of Bachelor of Laws in 1912. His legal career was interrupted by service abroad in World War I where he attained the rank of Major and title which has followed him throughout his very useful life.

Sometime Mayor of Chapel Hill and member of the General Assembly, he has also served as Solicitor of the 10th Judicial District, chairman of the State Board of Elections, chairman of the Commission on the North Carolina Department of Justice and a member of the North Carolina Probation Commission.

Continuing his active professional life as a leader of the North Carolina Bar, Major McLendon's interests in education have lately, claimed much of his time. In addition to being a former trustee of the University of North Carolina, he is a trustee of the North Carolina Agricultural and Technical College. A member of the Board of Higher Education since its inception, he now serves as its Chairman. From this post his sincerity and determination shine forth for all to see.

Major McLendon, State College is proud of her son—of the integrity of your views and of the tenacity with which you defend them. As much for these qualities as for your many services to public life and higher education, we proudly confer upon you the degree of Doctor of Humanities.

FOR THE HONORARY DEGREE OF DOCTOR OF HUMANITIES

LAURENCE HASBROUCK SNYDER

Scholar and scientist, teacher and administrator—the career of DR. LAURENCE HASBROUCK SNYDER provides an important chapter in the story of American education.

Born in New York and educated at Rutgers and Harvard, Dr. Snyder has lent his many talents to a distinguished list of American colleges—North Carolina State, Ohio State University, the University of Oklahoma, where he was Dean of the Graduate School, and the University of Hawaii, which he served as its President. A creative mind in the study of genetics—particularly human genetics—Dr. Snyder has acted as teacher to the profession through his many books and articles. Few men can speak with his authority on why we are what we are, and on what we may be becoming.

North Carolina State College is glad to welcome Dr. Snyder back to the place where he began his career as a teacher. We are glad to have had a part in that career and now take a further part by conferring upon him the degree of Doctor of Humanities.

FOR THE HONORARY DEGREE OF DOCTOR OF SCIENCE

RAYMOND ALBERT WHEELER

General Wheeler can take no responsibility for the bridge over the River Kwai but that is one of the few rivers of the world which has escaped his attention. From the upper Cape Fear in North Carolina to the lower Mekong in Indo-China, including the historic Indus, he has built, arbitrated and persuaded—contributing engineering skill and leadership of the highest order to the well-being of mankind and the peace of the world.

Graduated from the United States Military Academy in the Class of 1911, his distinguished military career includes service in the Vera Cruz expedition in 1914, participation in the Japanese surrender at Singapore in 1945, and culminates in service as Chief of Engineers of the United States Army from 1945 to 1949. Since his retirement he has been busier than ever—offering the accepted solution to the tangled problem of the Indus River Basin, directing the salvage operation in the clearance of the Suez Canal, and reorganizing the transport system of the nascent Republic of the Congo.

The bravery and ingenuity with which he served his country continue in the resourcefulness and fidelity with which he serves all mankind. North Carolina State College is proud to add to his many distinctions her accolade—the degree of Doctor of Science.

Awards for Achievement

1961-1962

SCHOOL OF AGRICULTURE

Agricultural Economics:

Wall Street Journal Achievement Award: Robert Edwin Shepherd, Deep Gap.

Agricultural Engineering:

American Society of Agricultural Engineers, Student Honor Award: Allen Joseph Barwick, Griffin.

Senior Honor Award in Agricultural Engineering Technology: Java O'Neil Carey, Burlington.

Agronomy:

Senior Highest Scholastic Average in Field Crops and Soils: Bobby Nelson Lancaster, Rocky Mount (Soils).

American Society of Agronomy Award, Most Outstanding Senior: Edward Norris Tolson, Tarboro (Field Crops).

Agronomy Club Leadership Award: Roger Eugene Hanes, Yadkinville (Soils).

Animal Industry:

The Fred M. Haig Trophy: David Eagle White, Statesville.

The Virginia Dare Award: John Lester Edwards, Jr., Waynesville.

Gamma Sigma Delta:

Sophomore Certificates: (School of Forestry)—Charles E. Dunning, Woodland; Edward Carlyle Franklin, Richmond, Virginia; Elwood Vance Best, Turkey; William David South, Saluda, Virginia; (Agricultural Education)—Thurman Everett Burnett, Oxford.

Senior Certificate: Miss Jaimie Elizabeth Cornwell, Asheville (Zoology).

Horticulture:

Outstanding Senior Award: John Rex McDonald, Cameron.

Burpee Award: Harold Holyoake Jones, New Bern.

SCHOOL OF DESIGN

American Institute of Architects School Medal: Werner Hausler, College Point, New York.

American Institute of Architects Book Award: Zigrida Rita Smith, Raleigh.

Alpha Rho Chi Medal: Werner Hausler, College Point, New York.

North Carolina Chapter of the American Institute of Architects Book Awards: Marlborough Peques Carroll, Shelby, and Ho-Man Chung, Un-Long, Hong Kong.

SCHOOL OF EDUCATION

Kappa Phi Kappa Scholarship Medal: Miles Ervin Lineberger, Dallas.

SCHOOL OF ENGINEERING

The School of Engineering Award: Gold Watch to Outstanding Senior in School of Engineering, James Acra Hackney, Washington. (Senior in Industrial).

The Hamilton Watch Award: Watch awarded to a senior by Hamilton Watch Company for combined engineering and humanities studies, William McIver Jackson, Winston-Salem. (Senior in Electrical).

Ceramic Engineering: J. C. Steele Scholarship Cup—Awarded to an upperclassman with highest scholastic average for past year's work—Ernest Wilson Hughes, New Bern. (Senior in Ceramics).

Chemical Engineering: American Institute of Chemical Engineers Certificate—Awarded to juniors on the basis of freshman and sophomore record—David Edward Freas, Walnut Cove, and Paul Andrew Helming, Morganton.

Electrical Engineering: Institute of Radio Engineers Awards—Junior Year Award—Tommy Goode Sharpe, Statesville. Senior Year Award—Thomas Manly Smith, New Bern.

Mechanical Engineering: Pi Tau Sigma Award—Leland Greer Ferguson, Winston-Salem. (Sophomore in Mechanical Engineering, Aeronautical Option).

Institute of Aeronautical Sciences Scholarship Award: George Wilfong Fisher, Mt. Pleasant. (Senior in Mechanical Engineering, Aeronautical Option).

SCHOOL OF FORESTRY

Xi Sigma Pi Senior Award: Roger DeWitt Lambert, Andrews, South Carolina.

Xi Sigma Pi Freshman Awards: Jerry Lee Self, Casar; Donald Bruce Zobel, Raleigh.

Continental Can Competitive Scholarship Awards: Jimmy Douglas Gregory, Angier; Samuel Buchanan Land, Jr., South Hill, Virginia; William Eddie Tice, Durham.

Homelite Honor Awards: Joel David Artman, Norris, Tennessee; Harold Chris Blanchard, Whiteville.

Biltmore Scholarship Awards: Gerald Blake Ballard, Asheville; Burton Rubush Floyd, Jr., Beuna Vista, Virginia; James Ervin Reid, Mt. Sidney, Virginia.

Slocum Scholarship Awards: James Chandler Eakes, Jr., Sanford; Ronald Fred Foster, Ferguson.

Alpha Zeta Scholarship Cup Awards: Jerry Lee Self, Casar; Donald Bruce Zobel, Raleigh.

SCHOOL OF GENERAL STUDIES

Rudolph E. Freund Prize for Excellence in the Social Sciences: Miss Jaimie Elizabeth Cornwell, Asheville.

B. F. Brown Award for Excellence in the Liberal Arts: Richard Miles Royall, Tucson, Arizona.

SCHOOL OF PHYSICAL SCIENCES AND APPLIED MATHEMATICS

The Chemical Rubber Company Achievement Award for the Outstanding Student in Freshman Mathematics: Charles Newton Winton, Raleigh; Herbert James Goldston, Jr., Sanford.

SCHOOL OF TEXTILES

American Association for Textile Technology Award: Andrew Wilson Adams, Concord.

American Association of Textile Chemists and Colorists Award: Yalman I. Balta, Turkey.

Delta Kappa Phi Award: Thomas Edison Harrison, Wake Forest.

Sigma Tau Sigma Award: Yalman I. Balta, Turkey.

Textile Veterans Association Award: Thomas Edison Harrison, Wake Forest.

Phi Psi Award: Wayne Dale Bolick, Hickory.

Saul F. Dribben Memorial Award: David Solomon Winstead, Bunn.

North Carolina Textile Manufacturers Association Award: Thomas Edwin McCall, Jr., Black Mountain.

John M. Reeves Scholarship: Leonard Alvin Smith, Jr., Kings Mountain.

ALUMNI ATHLETIC TROPHY

Roman Gabriel, Jr., Fayetteville.

PHI KAPPA PHI, NATIONAL HONORARY SCHOLARSHIP SOCIETY

Graduate Student Ph. D. Award: George Thomas Foradori, New York City, New York.

Graduate Student Masters Award: John Gilbert Alphin, Mount Olive.

Sophomore Honorary Award: Jerry Lee Self, Casar.

Junior Honorary Award: William Marcus Dean, Lenoir.

Senior Honorary Awards: Robert Wayne Guy, Fayetteville; Richard Miles Royall, Tucson, Arizona; George Harper West, Kinston.

AIR FORCE AWARDS

American Legion Medal: Cadet Colonel David A. Purcell, Jr., Fieldale, Virginia.

Sons of the American Revolution Medal: Cadet John A. Kelly, Elkin.

Daughters of the Founders and Patriots of America Medal: Cadet John M. Spainhour, Lenoir.

Chicago Tribune Gold Medal: Cadet Major Roger A. Morrison, Charlotte.

Chicago Tribune Gold Medal: Cadet Robert B. Grove, Rock Hill, South Carolina.

Chicago Tribune Silver Medal: Cadet Captain Samuel D. Lovelace, Wilson.

Chicago Tribune Silver Medal: Cadet Sgt. David J. Ivey, Alexandria, Virginia.

Reserve Officers Association Honor Graduate Award: Cadet Major James R. Griffin, Jr., Rocky Mount.

Reserve Officers Association Medal: Cadet Captain Omar R. Wiseman, Marion.

Air Force Association Award: Cadet Lt. Col. Joseph C. Howard, Ahoskie.

Scabbard and Blade Award: Cadet Sgt. Walter E. Davis, Raleigh.

Major General William C. Lee Scholarship Award: Cadet Richard C. Niederhof, Bonneau, South Carolina.

Professor of Air Science Honor Squadron Award: Cadet Major Robert P. Armstrong, Bladenboro.

General Dynamics Cadet Award: Cadet Master Sgt. Robert B. Bourne, Raleigh.

Arnold Air Society Award: Cadet Master Sgt. Robert M. Carnes, Laurinburg.

Society of American Military Engineers Gold Medal Award: Cadet Captain Robert G. Rouse, Magnolia.

Air Force Times Award of Merit: Cadet Major Charles R. Philbrick, Raleigh.

Air Force ROTC Flight Leader Award: Cadet Captain George A. Catherwood, Burlington.

Air Force ROTC Best Drilled Cadet Awards: Cadet Major George E. Allen, Jr., Fayetteville; Cadet Claude W. Williams, Hertford; and Cadet Roderick P. Morrow, Wilkesboro.

ARMY ROTC AWARDS

The Department of the Army Superior Cadet Award: Senior Class: Cadet 2nd Lieutenant James A. Hackney, III, Washington; Junior Class: Cadet 2nd Lieutenant Gerald N. Moore, Fayetteville; Sophomore Class: Cadet Staff Sergeant Robert T. Rood, Cary; Freshman Class: Cadet Private Jimmy D. Gregory, Angier.

Certificate of Meritorious Leadership Achievement: Cadet Colonel James B. Jones, Charlotte.

The Colonel John W. Harrelson Scholarship Award: Cadet Private Jimmie D. Gregory, Angier.

Association of the United States Army Medal: Cadet Sergeant First Class Tommy G. Sharpe, Statesville.

American Ordnance Association Key Award: Cadet Major William L. McLeod, Jr., Durham.

Best Drilled Platoon Award: Cadet 2d Lieutenant James C. Lloyd, Durham; 3rd Platoon, "C" Company, 1st Battle Group.

Master Sergeant Horace C. Thomas, Sr. Award: Cadet Private James W. Brad-dock, Morganton.

Best Drilled Pershing Rifle Cadet Award: Cadet Michael R. Norris, Wilmington.

Chicago Tribune Gold Medals: Cadet Lt. Colonel Milton F. Spain, Waverly, Virginia; Cadet Major Rufus K. Smith, Jr., Charlotte.

Chicago Tribune Silver Medals: Cadet Sergeant First Class William A. McClenny, Lucama; Cadet Staff Sergeant William M. Spence, Concord.

Society of American Military Engineers Award: Cadet Captain Paul W. Brant, Raleigh.

National Defense Transportation Association Medal: Cadet 2nd Lieutenant James A. Hackney, III, Washington.

Armed Forces Chemical Association Award: Cadet Major Raymond S. Winston, Raleigh.

American Legion Medal: Cadet Lt. Colonel Thomas E. McCall, Jr., Black Mountain.

Scabbard and Blade Award: Cadet Staff Sergeant Robert T. Rood, Cary.

Scabbard and Blade Marksmanship Award: Cadet 2nd Lieutenant Robert H. Lasseter, Miami, Florida.

Armed Forces Communications and Electronics Award: Cadet 2nd Lieutenant Richard H. Blackwell, Jr., Charlotte.

Reserve Officers Association Honor Award: Cadet Lt. Colonel William M. Jackson, Winston-Salem.

Reserve Officers Association Medal: Cadet Sergeant First Class Charles W. Bostian, Raleigh.

Pershing Rifles Achievement Trophies: Cadet 2nd Lieutenant Gerald N. Moore, Fayetteville; Cadet Sgt. Donald W. Coon, Havelock; Cadet Corporal Peyton F. Ligon, III, Raleigh.

Pershing Rifles Bronze Medals: Cadet 2nd Lieutenant William C. Brown, Fayetteville; Cadet 2nd Lieutenant Henry H. Shelton, Hobgood; Cadet 2nd Lieutenant Arthur F. Van Nostrand, Bristol, Tennessee; Cadet Sergeant Francis T. Moss, Fayetteville; Cadet Corporal Peyton F. Ligon, III, Raleigh; Cadet Sergeant Donald W. Coon, Havelock.

Pershing Rifles Silver Medal: Cadet 2nd Lieutenant Gerald N. Moore, Fayetteville.

Sons of American Revolution ROTC Medal: Cadet Major Ronald J. Goldstein, Mooresville.

Daughters of Founders and Patriots of America Award: Cadet Private Thomas F. Erikson, Hickory.

Professor of Military Science Award: Cadet Major Harold D. Stroupe, Gastonia, Commanding Officer of Company "C", 1st Battle Group.

