To Our Guests

Commencement is a happy and dignified occasion. It is a meaningful time to recognize the graduates and their families, faculty, staff, and students of Louisiana Tech University. Guests and participants are therefore requested to maintain proper decorum throughout the ceremony by avoiding unnecessary movement in the seating area and by withholding applause until designated times as indicated during the program.

Following the awarding of degrees, the audience is requested to stand for the benediction and then to be seated until the recessional is completed.

We welcome you to the commencement exercises of Louisiana Tech University.

Louisiana Tech University Three Hundred and Forty-Fifth Commencement Saturday, August 19, 2023

Processional "Pomp and Circumstance"
Instructor of Songwriting and Flute, Accompanist
Marshals: Mr. Jeffrey Pike, Dr. Brad Cicciarelli, Dr. Jason Howell, Mr. Reggie Jeter, Dr. Heath Tims, Mr. Andrew Yepson
National Anthem "The Star-Spangled Banner"
Invocation
Greetings
Commencement Address
Presentation of Candidates for Academic Degrees College of Applied and Natural Sciences
Presentation of Commemorative Medallions
U.S. Army CommissioningLt. Col. Mason Moore Professor of Military Science, Grambling State University
Alma Mater
Benediction Minister Long
Recessional "A Celebration in G Major"

Commencement Speaker



Dr. Hisham E. Hegab Dean, College of Engineering and Science

A professor of mechanical, nanosystems, and cyber engineering and a 1989 graduate of Tech, Dr. Hisham Hegab was named dean in July 2014 after serving as interim dean of the College during the 2013-2014 academic year.

In recognition of his exceptional service, leadership, and dedication to the University during his 28 years of guiding, researching, and teaching, Hegab was recently honored with the title "Dean Emeritus."

Hegab oversaw the creation of new degree and certification initiatives and provided administrative oversight for 14 undergraduate engineering and science programs, seven master's programs, and four doctoral programs.

Hegab joined Tech's faculty in 1995 and served as an academic director for the computer science, electrical engineering, electrical engineering technology, and nanosystems engineering programs. He also served as associate dean of undergraduate studies in the College of Engineering and Science before becoming interim dean.

During his tenure as dean, Hegab was credited with successfully concluding the College's campaign for a new Integrated Engineering and Science Education building. The 130,000-square-foot facility doubled the College's classroom space, provided new faculty office spaces, and houses a new rotunda that is used for various College and campus events.

Hegab is a member of the American Society of Mechanical Engineers, the American Society of Engineering Education, Tau Beta Pi Engineering Honor Society, and he is a Registered Professional Engineer in the State of Louisiana.

During his tenure at Tech, he earned the Louisiana Engineering Foundation Engineering Faculty Professionalism Award (2006), Louisiana Tech University Engineering Science Foundation Service Award (2004-05), Louisiana Tech University College of Engineering & Science Outstanding Achievement in Education Award (2004-05), and the Louisiana Tech University College of Engineering and Science Outstanding Achievement in Research Award (1997-98).

CANDIDATES FOR DEGREES

The names in this program were candidates for graduation as this program went to press. The names of those awarded degrees "in absentia" will not be called but may be noted on the program. The right-pointing triple angle symbol (>>>) indicates the candidate earned three degrees concurrently. The right-pointing double angle symbol (>>>) indicates the candidate earned two degrees concurrently. The double solid square symbol (◆•) indicates the candidate earned a double major. Those with the diamond symbol (◆) earned a perfect 4.0 GPA. Baccalaureate degree candidates with the lozenge symbol (♦) next to their name completed the University Honors Program. Those with an asterisk (*) completed their degree requirements in association with the Barksdale Air Force Base Program.

COLLEGE OF APPLIED AND NATURAL SCIENCES Dr. Gary A. Kennedy, Dean

BACHELOR OF SCIENCE

Kyleigh Diana Bass, Choudrant
Enchantise Maché Booker, Rayville
Jordan Layne Brown, Saline
Jessica Elise Burrell, Oak Grove
Morgan Keith Creel, Winnfield
Daniel Wayne Dial, Bossier City
Autumn Marie Faircloth, Madison, WI
Alyson R. Fontenot, Pineville
Allyson Cathryn Holloway, Shreveport
♦ Sydney Alyse Latham, Keatchie
Katherine Elisabeth Lavin, Lake Charles
Kathryn Grace Lee, Ruston
Alyssa Elise Estelle Mayfield, Monroe
Jackson Brooks McCrary, Shreveport
Mason McDowell, Deville

COLLEGE OF BUSINESS Dr. Christopher L. Martin, Dean

BACHELOR OF SCIENCE

Jordan S. Albritton, Bernice Isaac Connor Andrews, Bastrop Garrett Paul Belding, Frisco, TX Austin T. Bethany, Vicksburg, MS Isaiah Terence Bingham, Missouri City, TX Jacey Ashlynn Bratton, Calhoun Jonah Brewster, Frisco, TX ♦ Joseph Thomas Curtin, Jackson, TN Jordan Jo-Mae Fick, Haughton Rodger Dale Fulmer, Sterlington Lance Francis Gauthier III, Hessmer Maci Glyn Geltmeier, Cleburn, TX Aubrey Lenor Gibbs, Jr., Shreveport Joshua Hilburn, Elm Grove Zachary Ron Hogan, Monroe Damon Stone House, Columbus, MT Gavin Reese Hursey, Benton Haden Zachery Huval, Iowa

Millicent Gabrielle Jackson, Monroe Caleb D. Knighten, Zachary Noah Alan Lambka, Plain Dealing Alyssa Hope McReynolds, West Monroe Heather Renee Nutt, Shreveport ♦ Christan Ziare Robicheaux, Arnaudville Patton Baird Rode, Marshall, TX Del'Keiveon Ke'Unta Rose, Henderson, TX Lacie Lane Russell, Downsville Austin Graham Salsbury, Rayville Jathan Smith, Shreveport ♦ Hannah Marie Towers, Loreauville Rowan Garth Tucker, Spanish Town, Jamaica Dianne Witt Webb, Ruston Hunter Wayne Williams, Monroe

COLLEGE OF EDUCATION AND HUMAN SCIENCES Dr. Donald N. Schillinger, Dean

BACHELOR OF ARTS

Rylee Leighanne Dykes, Ruston Gracie Mae Muckelrath, Smackover, AR

♦ Catherine Elizabeth Neal, Metairie

»♦ Josefina Simoncini, Buenos Aires, Argentina

BACHELOR OF SCIENCE

Jacob Todd Allen, Ruston
Kaylin May Bennett, West Monroe
Samuel Joseph Briehn, Cullman, AL
Angel Liza Dupuis, Carencro
Tucker Andrew Gardner, Shreveport
Elizabeth Anne Heard, Winnfield
Cortlynn Hunter Hickman, Alexandria
Tyler Javon Kelley, Texarkana

Caitlin Raye Owen, Dubach Joseph Wyatt Schneider, Boyce Cameron Jude Singleton, Ruston William-Charles Hunter Smith, West Monroe Markenzie Taylor, Pineville Jordan Ray Temple, Cottonport Abbie Camille Wynn, Benton

COLLEGE OF ENGINEERING AND SCIENCE Dr. Hisham E. Hegab, Dean

BACHELOR OF SCIENCE

Sahr Alhejaili, AL Madina, Saudi Arabia Grant Amerson, Springfield Kosi Anadi, Slidell Emile Joseph Armand, Houma Jarod Arnold, Pineville Joshua Bailey, West Monroe Joy Marie Brown, Baton Rouge Tanner Ray Bush, Sterlington John Todd Cook, Ville Platte Preston Cole Debetaz, Ruston Christian Tyler Evans, Stonewall Bryce Michael Fuller, Longview, TX Wesley Reese Goldstein, Harrisonburg Sara Grace Grey, Baton Rouge Averie Mae Hardy, Midlothian, TX

COLLEGE OF LIBERAL ARTS Mr. Karl Puljak, Dean

BACHELOR OF ARTS

Clayton Kyle Cox II, Tyler, TX Isaiah Jordan Crawford, Fort Worth, TX Jacquelyn Adele Grimes, Anchorage, AK Kelsey O'Neal Horath, Winnsboro Kailey Reanna Hubble, Farmerville Tyler McMullan, Hattiesburg, MS Larry Melvin Pardue III, Jonesboro Patricia Ryanne Rosales, Orlando, FL Cobe Williams, Dallas, TX

BACHELOR OF FINE ARTS

Mackenzie Leigh Joyce, Shreveport

BACHELOR OF INTERDISCIPLINARY STUDIES

- * Cameron S. Berzas, Basile
- * Tammeshia Jaquel Bolden, Shreveport Leighton Skyler Fangue, Southlake, TX
- * Bianca Terra Houser, Monroe
- * Christa Lakaylar Lee, Shreveport
- ♦ Garrett Michael Montgomery, Lafayette
- * Emiley Irene Perret, Cypress, TX

Kaia Nikole Read, Farmerville

* Bethany Erin Rousseau, Atlanta, TX * Justin Deane Skeesick, Bossier City

Mattie Louise Stinson, Ruston John David Thompson, Haynesville

Thomas Alanson Washam, Ruston

BACHELOR OF SCIENCE

•• Daniel Scott Asdel, San Diego, CA Jacob Brandon Bass, Sarepta Jacob Cadet Brinsko, Lafayette Donald Maxwell Bryant, Greenwell Springs Cameron David Carter, Haughton Cody Allen Coker, Calhoun Kyle Thomas Conley, Spring, TX Collin Patrick Turner Jacks, Ruston Reno Douglas Johnson, Baton Rouge Jordan Ashley Pimentel, The Woodlands, TX Tyler Michael Swenson, Kingwood, TX Erin Elizabeth Theriot, Houma

THE GRADUATE SCHOOL Dr. B. Ramu Ramachandran, Dean

MASTER OF ACCOUNTANCY College of Business

Katelyn Leann Bell, Prairieville Geormar Winfred Owens, Bernice Sheetal Shelke, Kolhapur, Maharashtra

MASTER OF ARTS College of Education and Human Sciences

Macaulay Antonio Beasley, Richton, MS LaMesha Danielle Brown, Bastrop Marc Companion, South Burlington, VT Janna Faris, Nanaimo, BC Canada Kiva Jackson Smith, New Orleans

MASTER OF ARTS College of Liberal Arts

Pamela Jo Morse, Pineville

MASTER OF ARTS IN TEACHING College of Education and Human Sciences

Rachel Diane Brown, Ruston Sladen David Canady, Jonesboro Taylor Ann DeBrosky, Houston, TX Kelsea Paige Johnson, Deville Jennaezha Monique Joseph, Bossier City Amber Renee Lovitt, Athens Kristian Taylor Nuckolls, Bossier City Grace Leigh Teutsch, Haughton Joselyn Williams, Oak Grove

MASTER OF BUSINESS ADMINISTRATION College of Business

Sabrina Ann Allen, Morgan City Charles William Anderson III, Vidalia » Jevani P. Barron, Houston, TX Caroline Grace Beard, Alexandria Noah Thomas Blackwell, Mansfield, TX Skylar Brenae Blackwell, Richmond, TX Anna Katherine Campbell, Livonia Janna Christine Climer, Ruston Samantha LeeAnn Cone, Choudrant Zachary Austin Cowan, West Monroe Abraham Nunez Delfin, Plaquemine Christopher Sidaris Dopson, Shreveport Rachel Olivia Elliott, Monroe Connor England, Ruston Danielle Elizabeth Fanning, Mission, TX Benjamin Joel Fuller, Shreveport Mary Lindsay Funes, Ruston Lisa Alexander Garner, Ruston Joanna Elisabeth Ham, Ruston Mary Ellen Hargis, Effie Hannah Grace Hays, Pineville Dylan Alan Heinz, Ruston Jessica Lane Henry, Ball Amari Chandler Jackson, Ruston Avery Anne Jeffcoat, Bossier City Alexander Graham Johnston, Winston-Salem, NC Cody Aaron Long, Homer Zachariah Andrew Lopez, Ruston Hope Elizabeth Lord, Baskin Machaela Ann Mason, Shreveport

Philip Matulia, Houston, TX Alexis Nicole McClain, Keithville Corbin James McEntire, Tyler, TX Christopher Ryan McKay, Pineville Hannah Howe McKeehan, Tomball, TX Christopher Cole Nelson, Monroe Rachel Corrin Newcomb, Farmerville Nkechinyere Le'shawn Nwoha, Ruston Olawale Emmanuel Olabisi,

Bakersfield, CA Cullen David Pearce, Alexandria Graham Thomas Pearson, Alexandria Lauren McRae Pleasant, Monroe Megan Claire Portier, Youngsville Victoria Rainbolt, Collinston Jennifer Rodriguez, Weehawken, NJ Behnam Sayanjali, Columbus, OH Michael Joseph Schaff, West Monroe William Reed Sikes, Shreveport Harrison Stephen Skinner, Tatum, TX Erin Shimar Smith, Shreveport Deja Jennifer Southall, Chicago, IL Robert Samuel Stewart, Winnsboro William Henry Terral, Farmerville Conner Mark Valentine, West Monroe Geoffrey Vickers, Shreveport Caleb James Whitman, Ruston Tristian Mavrick Wilhite, West Monroe Tyler Brooks Williams, Anacoco Sadie Ann Young, Stonewall

MASTER OF EDUCATION College of Education and Human Sciences

Jill Elisabeth Benefield, Ruston Mary Sutton Sotile, Baton Rouge

Miranda Tapp Wingard, Ruston

MASTER OF SCIENCE College of Applied and Natural Sciences

Mathew James Burke, Bossier City Faria Binte Hossain, Dhaka, Bangladesh Makenzie Leigh Meacham, Camp Verde, AZ Jacob Tyler Mitcham, Shreveport Jessica Putnam, West Monroe Gerard Sapena Polo, Valencia, Spain Claudia Tyler, Vivian

MASTER OF SCIENCE College of Education and Human Sciences

Taylor B. Burch, Monroe

MASTER OF SCIENCE College of Engineering and Science

MD Shafayet Alam, Dhaka, Bangladesh » Jevani P. Barron, Houston, TX Aniruddha Chowdhury, Dhaka, Bangladesh Jordan Gates, Longview, TX Christopher William Oehl, Lafayette Alexander Joseph Petty, New Orleans Jason Wayne Wiley, Jonesville

DOCTOR OF BUSINESS ADMINISTRATION College of Business

Joe Story, Ruston

BA (2009) University of Northern Iowa
MS (2013) University of Central Missouri
MBA (2016) Eastern Illinois University
MS (2019) University of Central Missouri

Dissertation: "Supervisor Injustice and Relational Repair: How Role Expansion Resources

Guide Attribution Processes"

Major Advisor: Dr. Jeff Haynie

DOCTOR OF EDUCATION College of Education and Human Sciences

Emily Kane Allen, Farmerville

BS (2014) Louisiana Tech University
MS (2018) Louisiana Tech University

Dissertation: "Leadership Development in Collegiate Club Sports"

Major Advisor: Dr. Bryan McCoy

Sharonda Delon Mikle, Rocky Mount

BA (2001) University of Louisiana Monroe MA (2003) Louisiana Tech University

Dissertation: "AACC Mid-Level Leadership Competencies at Work"

Major Advisor: Dr. Bryan McCoy

Christopher Hayes Smith, New Orleans

BA (1992) Loyola University

ME (2000) University of New Orleans

Dissertation: "Innovation or Isomorphism, Charter School Organizational Leadership

Practices in New Orleans in the Post-Katrina Era"

Major Advisor: Dr. Bryan McCoy

DOCTOR OF PHILOSOPHY College of Education and Human Sciences

Charissa Marie Dageford, Beatrice, NE

BS (2013) Northwest Missouri University

MS (2015) University of Kansas

Dissertation: "Thriving after Trauma: Examining Psychological Capital as a Moderator of

the Relationship Between Trauma Symptoms and Well-Being in

Trauma-Exposed College Students"

Major Advisor: Dr. Brandon Waits

Matthew Brady Johnson, Ruston

BS (2013) Louisiana Tech University MA (2022) Louisiana Tech University

Dissertation: "A Help or Hinderance? Team Leader Behaviors and the Team Climate of

Innovation"

Major Advisor: Dr. Marita Apter-Desselles

Kortney Danielle Wooten, Baton Rouge

BS (2016) Louisiana State University

Dissertation: "Psychological Flexibility as a Moderator in the Relationship Between Race-

Related Stress and Mental Health Outcomes"

Major Advisor: Dr. Walter Buboltz

DOCTOR OF PHILOSOPHY College of Engineering and Science

Ali Farahani, Arak, Iran

BS (2013) Islamic Azad University
MS (2016) Islamic Azad University
MS (2022) Louisiana Tech University

Dissertation: "Predicting Operator Trust in Automated Decision Aids Using Gaze Data and

Machine Learning Techniques"

Major Advisor: Dr. Mary Fendley

Deriesha Kieadra Gaines, Slidell

BS (2018) Dillard University

Dissertation: "Single-Step RNA Purification Technology and Radiation-Induced Exosomal

MicroRNA Expression: Implications for Space Exploration"

Major Advisor: Dr. Gergana Nestorova

Jonathan Adam Niemirowski, Ruston

BS (2015) Louisiana Tech University MS (2018) Louisiana Tech University

Dissertation: "Threads, Buckets, and Impact: A Framework for Tool-Accelerated Machine

Learning Courses"

Major Advisor: Dr. David Hall

Miraz Uz Zaman, Ruston

BS (2014) Khulna University of Engineering and Technology

MS (2022) Louisiana Tech University

Dissertation: "Advancing Autonomy and Security in Future Computing Systems with

Blockchain and Supersingular Isogeny"

Major Advisor: Dr. Manki Min

UNITED STATES ARMY Lieutenant Colonel Mason Moore

Morgan Keith Creel

BACCALAUREATE DEGREE LATIN ACADEMIC HONORS

SUMMER QUARTER 2023

summa cum laude

(cumulative GPA of 3.90 to 4.0 on all hours pursued - a diamond (♦) indicates a perfect 4.0 GPA)

Maci Glyn Geltmeier

Kathryn Grace Lee ◆ Catherine Elizabeth Neal Josefina Simoncini

Elizabeth Anne Heard •

magna cum laude

(cumulative GPA of 3.70 to 3.899 on all hours pursued)

Daniel Scott Asdel Joshua Bailey Samuel Joseph Briehn Jacob Cadet Brinsko Lance Francis Gauthier III Allyson Cathryn Holloway Kelsey O'Neal Horath Collin Patrick Turner Jacks Hannah Marie Towers Rowan Garth Tucker Dianne Witt Webb Seonghoon Yi

cum laude

(cumulative GPA of 3.50 to 3.699 on all hours pursued)

Jared Samuel Arnold Clayton Kyle Cox II Joseph Thomas Curtin Jordan Jo-Mae Fick Mackenzie Leigh Joyce Sydney Alyse Latham Alyssa Hope McReynolds Heather Renee Nutt Caitlin Raye Owen Savannah Victoria Smiley-Davis Jonathan Edward Trahan

Special thanks to Pafford Medical Services for their continued partnership and support in our commencement exercises.

- Blue and gold honor cords worn by graduating business students recognize membership in the **Beta Gamma Sigma** International Honor Society. This society recognizes outstanding academic achievement in collegiate business and management programs accredited by the Association to Advance Collegiate Schools of Business (AACSB International). Selection for membership requires the student to be in the top 10% of the undergraduate business class.
- Light-blue honor cords with light-blue tassels worn by graduating seniors signify a **Senior Honors Scholar**. The student successfully completed 9 semester hours of Senior Honors courses, including a Senior Thesis, while maintaining a cumulative GPA of 3.3, reviewed annually.
- White and royal blue honor cords with white and royal blue tassels worn by graduating seniors signify an **Honors Scholar**. The student successfully completed 21 semester hours of Honors Program courses while maintaining a cumulative GPA of 3.3, reviewed annually.
- Medallions on blue ribbons worn by graduates signify membership in **Phi Kappa Phi**, National Honor Society. Membership includes all academic disciplines and is limited to the top 5% of the junior class and the top 10% of the senior class.
- Medallions worn by graduates signify membership in **Mortar Board** and indicate distinction for academic achievement as well as outstanding community and university service during their senior year.
- Gold satin stoles with blue embroidery worn by graduating seniors signify membership in the **Golden Key** National Honor Society. Membership is open to all academic disciplines and is limited to the top 15% of the junior and senior classes.
- Red and blue honor cords with multicolored tassels worn by graduates signify membership in **Phi Alpha Theta** History Honor Society. Membership is interdisciplinary and offered to those students who successfully completed 12 or more semester hours of history with a minimum 3.1 GPA, and maintained a minimum 3.00 cumulative GPA.
- White satin stoles embroidered with the orange Bent symbol worn by graduating engineering students recognize membership in **Tau Beta Pi** Engineering Honor Society. Selection for this honor is based on the student's engineering GPA being within the top one-eighth of all junior engineering students and within the top one-fifth in the senior year.
- Purple and gold honor cords with purple and gold tassels worn by graduating seniors signify membership in the **Phi Sigma Pi** Honor Fraternity. Membership is open to sophomores, juniors, and seniors from all academic disciplines and requires a minimum cumulative GPA of 3.0, reviewed annually.
- Black and gold honor cords worn by graduating seniors signify membership in the **Gamma Beta Phi** National Society, recognizing academic achievement, leadership, and community service. Membership is interdisciplinary and requires scholastic ranking within the top 20% of the senior class.
- Red and purple honor cords worn by graduates signify membership in **Alpha Epsilon Delta** National Pre-Medical Honor Society. Membership is open to all pre-health profession students who successfully complete five academic terms with a minimum 3.3 cumulative GPA, reviewed annually.
- Gold honor cords with blue and gold tassels worn by graduating seniors signify membership in the **Psi Chi** National Psychology Honor Society. Membership is open to all psychology students who successfully complete a minimum of 9 semester hours of psychology courses with a minimum 3.0 GPA, rank in the top 35% of their class in general scholarship, and maintain a 3.0 cumulative GPA.
- White pointed collars embroidered with the Bent symbol and the Greek letters XE, worn by selected engineering degree candidates, identify members of **Chi Epsilon** National Civil Engineering Honor Society. Membership is limited to civil engineering majors achieving a cumulative GPA placing them in the top 25% of the junior civil engineering class, and the top 33% of the senior civil engineering class.
- Bright red and gold honor cords worn by graduating business students identify members of **Beta Alpha Psi** National Honors Fraternity for Financial Information Professionals. Membership in the local Alpha Chi Chapter is limited to accounting majors achieving a cumulative GPA of 3.0 or a 3.25 GPA in the most recently completed 30 semester hours; Finance and Computer Information Systems majors with minors in Accounting require a cumulative GPA of 3.25.
- Cream and burgundy cords worn by selected degree candidates identify members of **Kappa Omicron Nu** National Honor Society for Human Ecology majors. Membership is open to students enrolled in the Human Ecology disciplines with at least a 3.0 cumulative GPA and ranked in the top 25 % of their class.
- White satin stoles worn by graduating engineers identify members of **Alpha Pi Mu** Industrial Engineering Honor Society. Members achieved a cumulative GPA placing them in the upper one-fifth of their junior class and upper one-third of their senior class.

- \bullet Blue satin stoles with the scholastic aviation symbol and the Greek letters HM Σ , worn by aviation degree candidates, signify members of **Eta Mu Sigma**, the National Collegiate Aviation Honor Society. Membership is restricted to Professional Aviation and Aviation Management majors who achieved a 3.5 cumulative GPA as a junior or a 3.3 cumulative GPA as a senior.
- White satin stoles with a multicolored crest and the Greek letters $\Pi T \Sigma$, worn by graduating engineers, identify members of **Pi Tau Sigma** Honorary Mechanical Engineering Fraternity. Membership is limited to mechanical engineering majors achieving a cumulative GPA placing them in the top 25% of the junior mechanical engineering class and the top 35% of the senior mechanical engineering class.
- White satin stoles with a maroon crest and the gold Greek letters ΩXE , worn by graduating engineers, identify members of **Omega Chi Epsilon** National Honor Society for Chemical Engineering. Membership is limited to chemical engineering majors achieving a cumulative GPA of 3.25 or the top 25% of the junior chemical engineering class, and 3.00 or the top 33% of the senior chemical engineering class.
- Navy blue and gold honor cords worn by graduating liberal arts seniors and graduate students identify membership in the Cast of Alpha Psi Omega National Honorary Theatre Society. This society recognizes outstanding academic and on- and off-stage performance achievements in areas of dramatic production. The student achieved a 3.2 cumulative GPA and an accumulated over 100 job rating system points based on work in various productions at Louisiana Tech University.
- Spanish gold and red cords worn by graduates identify members of Alpha Omega chapter of **Sigma Delta Pi** National Collegiate Hispanic Honor Society. Eligibility for membership is restricted to those students who have demonstrated a genuine interest in Hispanic people, their civilization, and thought through the achievement of a minimum GPA of 3.0 in 21 or more semester hours of Spanish, with at least one course in Spanish literature or culture at the junior or senior level, and rank in the upper 35% of the senior class.
- Violet, gold, and lavender cords worn by graduating seniors and graduate students signify membership in the Pi Mu Epsilon National Mathematics Honor Society. Membership is open to students of all disciplines with completion of three or more college mathematics courses including calculus (with a mathematics GPA of 4.0 and top 25% general class ranking) or two years of college mathematics including calculus (with a mathematics GPA of 3.5 and top 33% general class ranking). Graduate students will have met the same criteria as undergraduate candidates with a 3.0 GPA on mathematics work completed during the last school year prior to membership.
- Gold cords with blue and red tassels worn by graduating engineers identify members of **Eta Kappa Nu** National Electrical Engineering Honor Society. Membership is limited to electrical engineering juniors ranked in the top 25%, and seniors ranked in the top third of the EE class. Along with outstanding scholastic achievement, students must have demonstrated exemplary character and involvement in campus activities.
- Green and ivory cords worn by degree candidates identify members of **Sigma Pi Sigma** National Honor Society for Physics. Membership is open to all students ranked in the top third of his/her class in general scholarship, with a minimum 3.2 GPA for all physics courses attempted, of which at least three or more are applicable to the undergraduate degree in physics.
- Green and white satin stoles with a green embroidered conifer tree and the gold Greek letters $\Xi\Sigma\Pi$, worn by graduating Foresters, identify the Alpha Phi chapter members of **Xi Sigma Pi** National Forestry Honor Society. Membership is by invitation to junior and senior forestry majors achieving a cumulative GPA that places them in the top 25% of their class and who exhibit strong moral character, honesty, hard work, and faithfulness.
- An honor cord of deep blue with a hint of red worn by degree candidates identifies members of
 Pi Delta Phi French Honor Society. The society's goal is to promote French and to recognize
 scholarship in the various disciplines and future teachers of America. Membership is open to French
 majors, French Education majors, and French minors with a 3.0 average in French and a minimum 2.8
 GPA.
- Maroon and black honor cords worn by degree candidates identify Rho Gamma chapter members of **Sigma Tau Delta** International English Honor Society. Members are English majors or minors who have completed a minimum of 12 hours in English language or literature beyond the level of freshman composition, with a minimum 3.0 GPA in all English coursework, and a minimum 3.0 cumulative GPA in all coursework.
- Black and gold honor cords worn by degree candidates in Kinesiology signify membership in **Phi Epsilon Kappa** Fraternity, Eta Eta Chapter. Membership is open by invitation to undergraduate and graduate candidates in Kinesiology and requires a minimum 3.0 cumulative GPA.