

CHEMICAL ENGINEERING GRADUATE PROGRAM

PH.D. IN SYSTEMS ENGINEERING WITH CHEMICAL ENGINEERING CONCENTRATION

At UL Lafayette, we are proud to offer an opportunity for study through our Ph.D. program in systems engineering. This is a broad field that encompasses and manages the full spectrum of engineering disciplines. Students in this program pursue 24 credit hours of core coursework in systems engineering, in addition to 24 credit hours of coursework in chemical engineering.

Systems engineering involves multiple engineering disciplines. An integrated team develops a structured process that proceeds from concept to production to operation. Coastal ecosystems, water

treatment facilities, deep-water drilling operations, biofuels production facilities, refineries, vehicle control systems, and utilities management are some examples of systems.

Our program prepares Ph.D. graduates to compete in industry and academia. Students are required to have an industry member on their thesis committees and have Six Sigma training in their core curriculums. Students will also prepare an NSF-format proposal that will be evaluated as written and must be defended in an oral presentation as part of the qualifying examination.



For more information on our Ph.D. program in systems engineering, please visit: gradschool.louisiana.edu/phdengineering



MASTER OF SCIENCE IN CHEMICAL ENGINEERING

Whether you intend to enter the chemical engineering profession or want to earn a Ph.D., a Master of Science degree in engineering offers thorough preparation for your next step.

College of Engineering master's students have the opportunity to participate in meaningful research projects that will expand their practical experience and sharpen their analytical skills. Areas of research include:

- polymers,
- catalysis, and
- separations.



RESEARCH AREAS

- Synthesis/evaluation of heterogeneous and homogeneous catalysts to produce fuels and specialty chemicals
- Physical and chemical processes to isolate microbial products
- Advanced rheological studies of electroactive smart fluids
- Process and cost modeling of algal biorefineries
- Molecular modeling and simulation
- Development of bioadsorbents to treat wastewaters from fracking
- Anaerobic/aerobic bioprocessing techniques to generate chemicals and feedstocks for fuels production
- Development of sustainable composite materials to add value to bioprocessing operations
- 3-D scaffolds for tissue engineering
- Microscopic and kinetic studies of polymer crystallization



RESEARCH CENTERS AND RESOURCES

UL Lafayette has a variety of research centers and other resources that provide equipment, facilities, and human resources to our students and faculty in research, such as:

- Institute of Materials Research and Innovation,
- Energy Institute of Louisiana,
- Microscopy Center,
- Manufacturing Extension Partnership of Louisiana, and
- Louisiana Accelerator Center.

GUIDELINES FOR ACCEPTANCE

Candidates for graduate study at UL Lafayette should have a degree in chemical engineering or similar discipline.

Applications will be comprehensively evaluated with the following guidelines.

- **Test scores:** GRE Verbal>145, Quant>155, Analytical>3.0 with a TOFEL>81, and IETLS>6.5
- **For the MS program:** an overall cumulative GPA>3.0 or a cumulative technical GPA over the last 60 undergraduate credit hours>2.85.
- **For the Ph.D. program:** an overall cumulative GPA>3.0.

APPLICATION PROCESS

Interested students can apply online at gradschool.louisiana.edu.

Application review begins as soon as all of the required materials are received.

- 3 letters of reference
- GRE scores
- TOEFL score (only for students without a U.S. degree)

ASSISTANTSHIPS AND FEE WAIVERS

Graduate assistantships cover tuition and may provide a monthly stipend in return for work on research projects and/or assisting professors with undergraduate course and laboratory instruction.



FOR MORE INFORMATION

Chemical Engineering
Department:
chemical.louisiana.edu

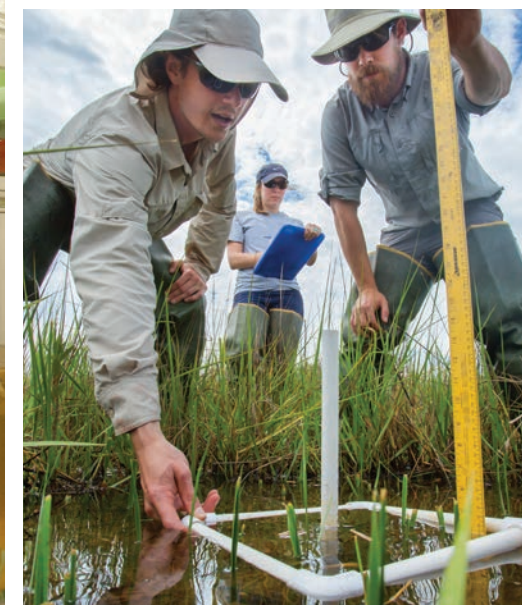
College of Engineering:
engineering.louisiana.edu

Dr. William Chirdon,
Graduate Coordinator
wchirdon@louisiana.edu



PO Box 43675 | Lafayette, LA 70504

chemical.louisiana.edu



CHEMICAL ENGINEERING GRADUATE PROGRAMS

Masters in Chemical Engineering and Ph.D. in Systems Engineering



GRADUATE PROGRAMS IN COMPUTER SCIENCE

A LEGACY OF EXCELLENCE, NOW AVAILABLE ON CAMPUS OR ONLINE

Since we established the country's first master's program in computer science in 1962, we have worked to provide a level of world-class research and funding to students from across the globe. That pedigree and dedication to excellence has enabled us to remain one of the best programs in the country. We have a world-class faculty of subject experts that includes several IEEE Fellows and NSF Career Award recipients. The National Science Foundation has ranked us in its top 60 for annual research and development expenditures.

Now, that same standard is available in a new online format. It is ideal for working professionals who want to learn at their own pace.

PROGRAMS OF STUDY

- Ph.D. in Computer Science
- M.S. in Computer Science
now available both on campus
and online

MAJOR RESEARCH INITIATIVES

- Big Data Analytics
- Wireless Computing
- Health Informatics

ACTIVE RESEARCH AREAS

- Artificial intelligence
- Cloud computing
- Computer and network security
- Data analytics and visualization
- Embedded systems
- Graphics and human-computer interaction
- Knowledge and information systems
- Operating systems
- Programming languages and analysis
- Wireless communications



UNIVERSITY of
LOUISIANA
L A F A Y E T T E

**School of Computing
and Informatics**

APPLICATION DEADLINES

Fellowship: Feb. 15 - Fall only

Assistantship: March 1 - Fall

Nov. 1 - Spring

Admission:

Domestic applicants and online international applicants who will not require a student visa

June 30 - Fall

Nov. 30 - Spring

April 30 - Summer

International applicants who will require a student visa

May 15 - Fall

Oct. 1 - Spring



For more information, call 337-482-6338, visit cmix.louisiana.edu and gradschool.louisiana.edu, or email computing@louisiana.edu.



CREATIVE WRITING

Graduate Programs

M.A. in English, Creative Writing
Ph.D. in English, Creative Writing

Concentrations

We encourage multi-genre study and offer concentrations in poetry, fiction, drama, creative nonfiction, as well as professional writing electives.

english.louisiana.edu/graduate-programs



Creative Writing Graduate Programs

M.A. and Ph.D.



UNIVERSITY of
LOUISIANA
L A F A Y E T T E

Department of English

P.O. Box 43719 | Lafayette LA 70504
H.L. Griffin Hall, Room 221

(337) 482-6908

english@louisiana.edu | englgrad@louisiana.edu

@ULEnglishDept on Instagram and Twitter

#ULAWP18

english.louisiana.edu/graduate-programs



CREATIVE WRITING GRADUATE PROGRAMS

Coursework

Workshops and courses in craft, pedagogy, and theory help students deepen the aesthetic and critical dimensions of their creative work. A literary-based range of coursework fosters creative diversity, historical contextualization, and theoretical sophistication. Our program encourages students to be scholars as well as writers, and prepares them for a competitive job market.

Intellectual Diversity in Comprehensive Exam Areas

Students will choose four from: Creative Writing Studies; Folklore Studies; Speculative Fiction; Southern Literary Studies; Narrative Film; Feminist Theory and Criticism; Drama; Children's Literature; Africana Literature and Theory; Open Topic; Linguistics; Rhetoric and Composition; Literary Theory; American Literature to 1865; American Literature from 1865 to 1945; American Literature from 1945 to Present; Nineteenth-century British Literature; Restoration and Eighteenth-century English Literature; Renaissance English Literature; and English Literature to c. 1500.

About Lafayette

We are in the heart of Acadiana and are the center of Louisiana Cajun and Creole cultures.

Festivals dot the calendar year, including Festival International de Louisiane, in the spring, and Festivals Acadiens et Créoles, in the fall.



Reading Series

Thursday Night Reading Series

This weekly series features student readers from across the Creative Writing program.

Deep South Festival of Writers

A visiting readers series organized by the Creative Writing program, it has featured Keith Lee Morris, Rita Costello, Kevin Wilson, Leigh Anne Couch, and Jack Bedell.

Creative Dissertation

Creative Writing students complete a book-length creative dissertation. It includes a scholarly essay that engages issues, ideas, and/or craft elements found within the rest of the dissertation. While students are welcome to stick to a single genre for the creative portion of the dissertation, they may also complete a multi-genre work.

Lafayette was named the “Happiest City in America” by the Wall Street Journal’s MarketWatch.com.

“Laissez les bons temps rouler! With our distinctive blend of food, music and culture, it’s no wonder people from all over are heading down South with a smile on their face.”

– LafayetteTravel.com



Publications

Rougarou Literary Journal and *Southwestern Review*

Conference

The Deep South in the Global South Conference 2018 will feature photographer Jeremiah Ariaz as its plenary speaker. He will discuss the geography, history, folklore and ideology of the American West, and his project, *Louisiana Trail Riders*.

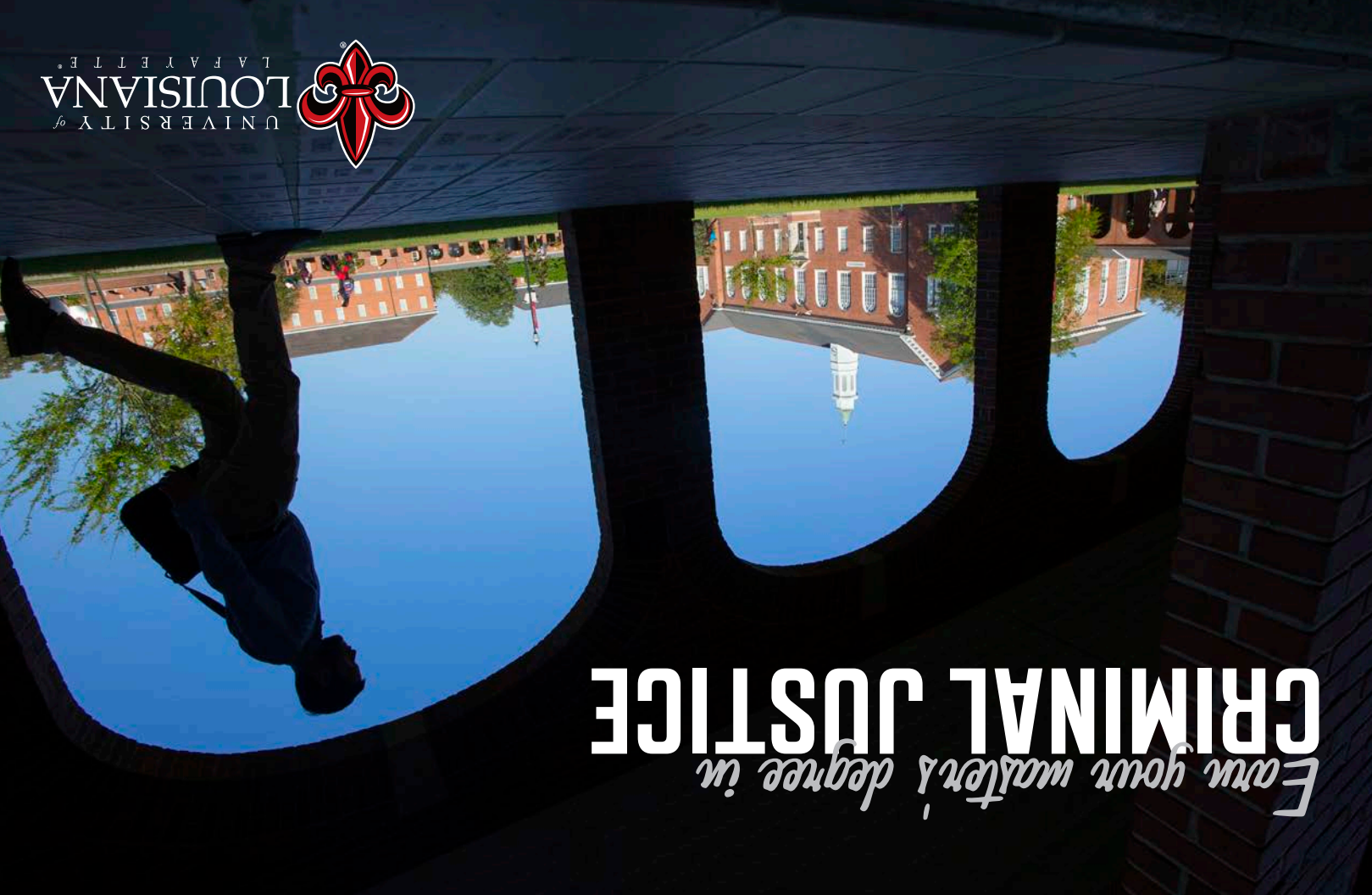
Faculty

Writer-in-residence: John McNally

Creative Writing faculty: Sadie Hoagland, Dayana Stetco, Charles Richard, Skip Fox, and Jerry McGuire

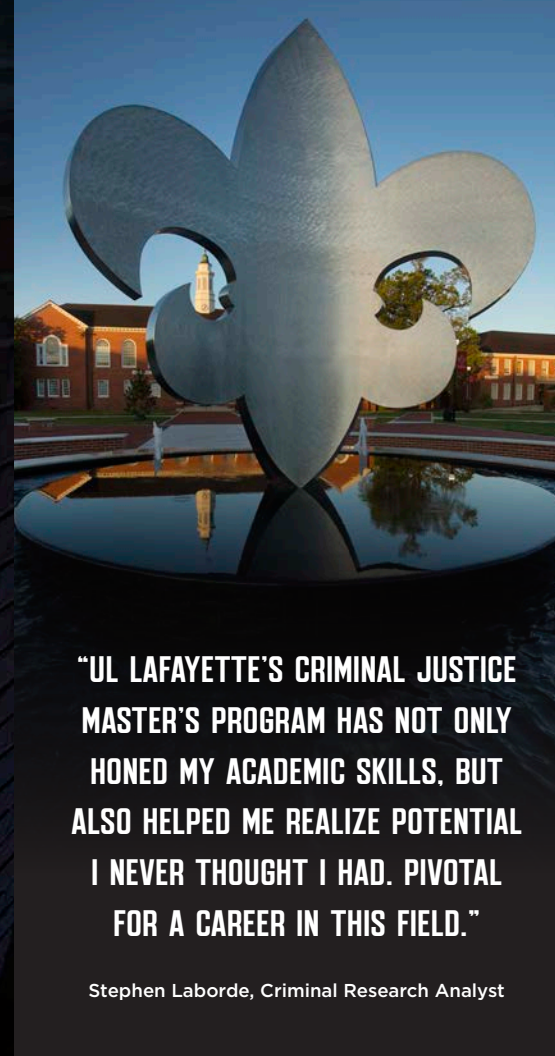
Interdisciplinary humanities faculty: Lisa Graley, past winner of the Flannery O’Connor Prize for Short Fiction





CRIMINAL JUSTICE

Earn your master's degree in



"UL LAFAYETTE'S CRIMINAL JUSTICE MASTER'S PROGRAM HAS NOT ONLY HONED MY ACADEMIC SKILLS, BUT ALSO HELPED ME REALIZE POTENTIAL I NEVER THOUGHT I HAD. PIVOTAL FOR A CAREER IN THIS FIELD."

Stephen Laborde, Criminal Research Analyst



ABOUT THE UNIVERSITY

The University of Louisiana at Lafayette® is the second-largest university in the state, with over 19,000 students, and offers bachelor's, master's and doctoral degrees. We are among the top 180 universities in the United States in R&D expenditures and have been named a "Research University with High Research Activity" by the Carnegie Foundation. We are the only university in the world whose sports teams are the Ragin' Cajuns®. UL Lafayette™ student-athletes compete at the highest level of NCAA competition.



College of Liberal Arts
Department of Criminal Justice
P.O. Box 42490 • Lafayette, LA 70504-2490

WANT TO KNOW MORE?

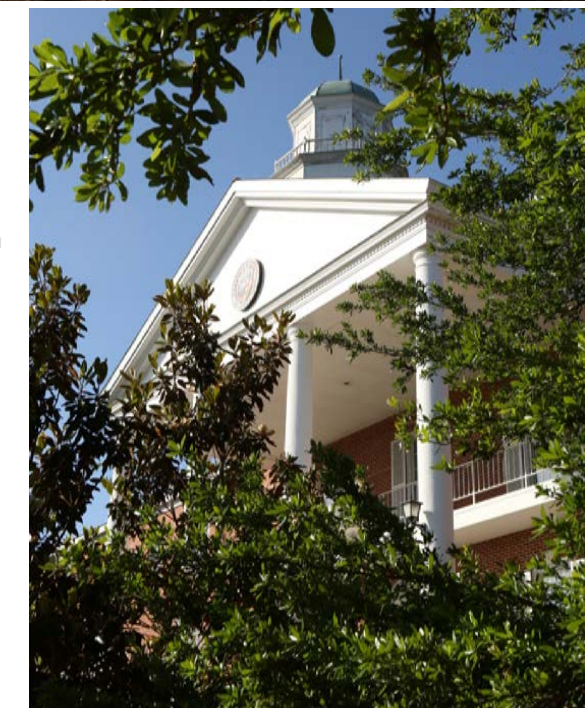
Contact Graduate Coordinator Dr. Ami Stearns at 337-482-1926, stearns@louisiana.edu, or visit criminaljustice.louisiana.edu.



EARN YOUR MASTER'S DEGREE IN CRIMINAL JUSTICE *at UL Lafayette™*

The Master of Science in criminal justice at the University of Louisiana at Lafayette is the only master's program in the state that emphasizes juvenile justice. It is designed to increase your capacity to understand, prevent, intervene in and respond innovatively to juvenile delinquency and crime, using evidence-based practices and policies.

Upon graduation, you will be prepared to enter leadership positions, as well as facilitate program development, implementation and analysis within various government, private, for-profit and non-profit agencies that comprise the complex justice system.



PREPARE FOR A VARIETY OF CRIMINAL JUSTICE CAREER OPPORTUNITIES

- Supervisory positions in corrections, law enforcement and security
- Research positions in criminology
- Statistical analysis for government entities
- College instructor
- Public policy advisor/legislative staffer
- Investigator
- FBI/CIA agent
- Social worker



Earn your master's degree in
CRIMINAL JUSTICE

criminaljustice.louisiana.edu



UNIVERSITY of
LOUISIANA
LAFAYETTE®

MAÎTRISE EN IMMERSION FRANÇAISE

Un master en immersion française conçue afin d'augmenter le nombre d'éducateurs qualifiés pour enseigner dans des établissements scolaires d'immersion française. Le programme comporte 39 heures de cours réparties sur 14 mois.

1

Inscription à L'Université de Louisiane à Lafayette.

2 L'Été 1:

READ 502: La Lecture*

EDCI 532: Évaluation pédagogique*

EDCI 562: Diversité et psychologie en salle de classe*

Stage à Ste. Anne (facultatif)

3 L'Automne:

EDCI 552: Didactique de mathématique*

EDCI 502: Gestion de classe*

EDCI 5xx: Méthodologie immersive

EDCI 592: Stage A (niveau B2+)

4 Le Printemps:

READ 520: La Lecture Développementale*

EDCI 502: Gestion de classe*

FREN 409G: Linguistique comparative et didactique

EDCI 593: Stage B (niveau B2+)

5 L'Été 2:

SPED 502: L'Education des étudiants ayant des besoins spéciaux*

READ 423: La lecture diagnostique*

EDCI 512: Didactique en sciences et sciences humaines*

N.B.: *Anglais avec les projets en français. Il faut niveau C1 pour terminer. Les stages seront dans les classes d'immersion françaises.

HISTORIC PRESERVATION

GRADUATE CERTIFICATE



UNIVERSITY of
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L A F A Y E T T E

For more information, please visit: <http://gradschool.louisiana.edu/historicpreservation>
or contact Dr. Mark Rees at (337) 482- 6045 / rees@louisiana.edu

The Graduate Certificate
in Historic Preservation

- Learn about history, anthropology, and architecture
- Enhance your existing undergraduate degree or compliment your graduate degree
- Gain practical knowledge and experience in historic preservation

THE GRADUATE CERTIFICATE IN HISTORIC PRESERVATION



The program provides training in historic preservation through the anthropology, architecture, and history departments. The program offers students already holding undergraduate degrees in related fields a complementary professional certificate.

The certificate may be pursued in conjunction with a M.A. or M.Arch degree with up to 15 hours of credit transferability.

Students completing the five-course program will earn a graduate certificate that will appear on their permanent transcripts.



UNIVERSITY *of*
LOUISIANA
L A F A Y E T T E ®

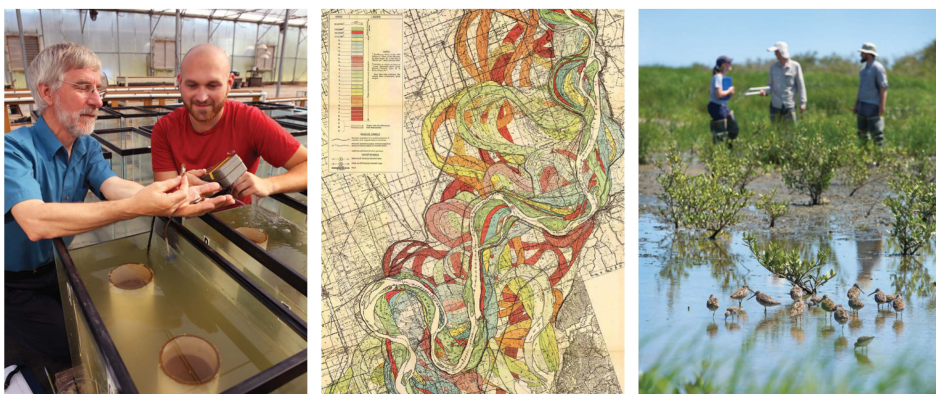


John Doe
123 Apple Street
Lafayette, LA 70504



The second-largest public university in Louisiana, the University of Louisiana at Lafayette® is one of only two universities in the state designated by the Carnegie Foundation as Doctoral Universities with Higher Research Activity. A total of 107 institutions across the country hold that classification, including Auburn University, Baylor University, Dartmouth College and Ohio University.

Being recognized among the top 5 percent of research institutions in the country helps UL Lafayette attract superior professors, researchers and scholars, and grants.



UNIVERSITY of
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L A F A Y E T T E

**Institute for Coastal
and Water Research**

Bringing the best minds in many disciplines together

Archaeology	Civil Engineering	Mathematics
Architecture	Ecology	Physics
Biology	Geosciences	Sociology

f ICaWR @ICaWR_UL

coastalresearch.louisiana.edu



**University of Louisiana at Lafayette
Institute for Coastal and Water Research**

Bringing the best minds in many disciplines together



COMPLEX CHALLENGES

Coastal restoration and water resource management present complex challenges. Addressing these will require innovative research from many partners, including public and private universities, state and federal agencies, non-profit groups and private industry.

The goal of the Institute for Coastal and Water Research at the University of Louisiana at Lafayette is to improve understanding and management of coastal and water resources through collaboration. By connecting scientists, engineers, designers, government entities and the community, we enhance our knowledge base and improve research applications.



Our researchers are on the front lines of coastal research not only in Louisiana, but throughout the United States.



COASTAL RESEARCH

Institute researchers are investigating how changes in climate and anthropogenic activities impact coastal regions, and how to enhance coastal restoration success and manage sustainable ecosystems in an ever-changing environment.

Researchers are developing multi-scale hydrologic and hydrodynamic models, predictive models of coastal dynamics, new techniques for monitoring coastal ecosystems and mitigating erosion, and enhancing understanding of coastal hydrogeomorphology.

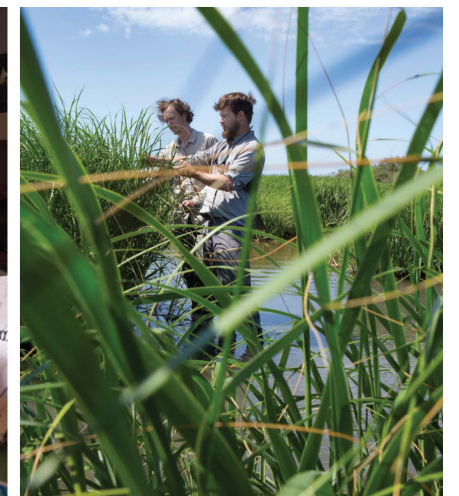
WATER RESEARCH

The Institute is working toward a better understanding of water resource dynamics. Its researchers are developing flood monitoring and modeling technologies, sustainable water management solutions and research-based hydrology educational innovations.

Scientists at the Institute have developed a rainfall field laboratory to collect unique observations on rainfall micro-physical properties, recreated climate records from carbon isotope analyses of fossil wood and analyzed long-term geochemical trends in major aquifer systems.

The oral histories of coastal communities impacted by floods and storms are being collected to support ongoing research, and will be archived for future use.

The Institute plays an integral role in local industry, with policy makers and within the community, providing cutting-edge information and knowledge gained through research.



A faster way to complete your **MASTERS IN GIFTED EDUCATION**

UNIVERSITY OF LOUISIANA AT LAFAYETTE



THE MASTER'S PROGRAM IN GIFTED EDUCATION AT UL LAFAYETTE HAS BEEN REDESIGNED TO BETTER MEET THE NEEDS OF EDUCATORS. It consists of 33 course hours and, upon completion, candidates are eligible to add gifted education to their teaching certificate in their certification area. The first cohort will begin the redesigned program in Spring 2019.

Candidates can complete the master's in gifted education in two years by taking two courses each Spring, Fall and Summer semester.

Course delivery consists of an executive model, in which candidates meet on Fridays from 3-9 p.m. and/or Saturdays from 9 a.m. to 3 p.m. on four weekends per semester; online instruction; and a combination - or hybrid - of online and in-person instruction.

Summer courses are online during the first summer. A residency is required for a practicum during June in the second summer.



COURSE CYCLE

SPRING 1

SPED 500 Social and emotional needs of the gifted
(Understand Me) - Executive Model

SPED 506 Nature and needs of the gifted
(See Me) - Online

SUMMER 1

EDCI 507 Writing for the responsive professional -
Online

EDCI 508 Research to impact student learning - Online

FALL 1

SPED 503 Developing creativity in the classroom
(Understand Me & Teach Me) - Online

SPED 509 Instructional strategies for teaching the
gifted (Understand Me & Teach Me) Executive Model

SPRING 2

IRED 501 (Teach Me) Online

SPED 510 Curriculum development for the gifted
(Teach Me & Challenge Me) Executive Model

SUMMER 2

SPED 513 Practicum in gifted education (Teach Me &
Challenge Me) Residency in June

EDCI 590 Applied research - Capstone I - Online

Comprehensive Exam - Date to be announced

FALL 2

EDCI 591 Applied Research - Capstone II - Online

**FIND OUT
MORE**

**Dr. Christine Briggs, Director Center
for Gifted Education**
337-482-6718 cbriggs@louisiana.edu



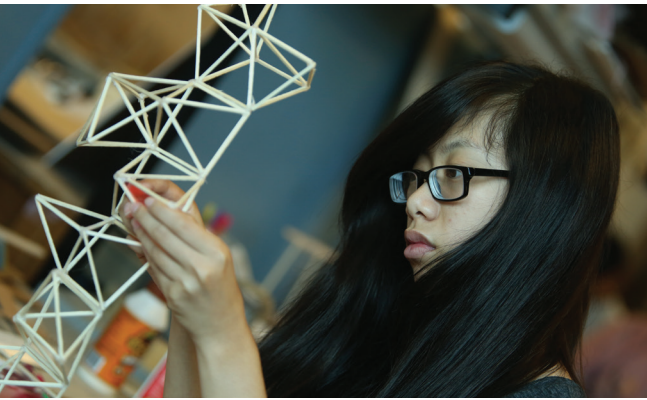
UNIVERSITY of
LOUISIANA
LAFAYETTE

College of
Education

LOUISIANA.EDU



Master of ARCHITECTURE



UNIVERSITY of
LOUISIANA
LAFAYETTE*

In the United States, most registration boards require a degree from an accredited professional degree program as a prerequisite for licensure. The National Architectural Accrediting Board (NAAB), which is the sole agency authorized to accredit professional degree programs in architecture offered by institutions with U.S. regional accreditation, recognizes three types of degrees: the Bachelor of Architecture, the Master of Architecture, and the Doctor of Architecture. A program may be granted an eight-year, three-year, or two-year term of accreditation, depending on the extent of its conformance with established educational standards. Doctor of Architecture and Master of Architecture degree programs may require a preprofessional undergraduate degree for admission. However, the preprofessional degree is not, by itself, recognized as an accredited degree. The last accreditation visit was in Fall 2014, and the next accreditation visit is Fall 2022.

The University of Louisiana at Lafayette School of Architecture and Design offers the following NAAB accredited degree program(s): Bachelor of Science of Architectural Studies [124-126 credits]; Master of Architecture, prerequisite Bachelor of Science of Architectural Studies pre-professional degree + 45 credits; Master of Architecture, prerequisite, Bachelors degree, undergraduate preparatory architecture courses, + 72 - 93 credits



M. ARCH PROGRAM Accredited by NAAB

TRACK A

3 semesters + 1 summer session

Students who already have a pre-professional bachelor of science in architectural studies may attain a master of architecture degree by completing a minimum of 45 credit hours.

TRACK B

7 semesters + 2 summer sessions

Students who have received an undergraduate degree in a non-architecture field can earn a master of architecture degree by acquiring at least 87 credit hours.

TRACK C

5 semesters + 2 summer sessions

Students who hold an accredited undergraduate degree in a field related to architecture, such as interior design or building science, are eligible for this track. You may obtain a master of architecture degree by completing a minimum of 72 credit hours.

Graduate Coordinator: Kari Smith
karismith@louisiana.edu

For application information visit:
gradschool.louisiana.edu



UNIVERSITY of
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L A F A Y E T T E

**Master of
Architecture
(M. Arch.)**

ARCHITECTURE.LOUISIANA.EDU