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additional 15,000 acres throughout the state are devoted to research. Clemson is approximately two and one-half hours by road from Atlanta, GA, Columbia, SC, and Charlotte, NC, and is 10 miles west of Greenville, SC.

MISSION STATEMENT

The mission of Clemson University is to fulfill the covenant between its founder and the people of South Carolina to establish a high seminary of learning through its land-grant responsibilities of teaching, research and extended public service.

Clemson offers a broad array of high quality baccalaureate programs built around a distinctive core curriculum. Graduates and continuing education offerings respond to the professions, while doctoral and research programs reflect land-grant traditions and contribute to the economic future of the state and nation.

Public service extends educational programs and research findings to all citizens through personal consultation, information technology, educational and research centers, and extension offices.

ACCREDITATION

Clemson University is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award the bachelor’s, master’s, specialist and doctor’s degrees. Clemson is accredited by the Accreditation Board for Engineering and Technology, ABET - The National Association for Management Education, Computing Sciences Accreditation Board, General Accreditation Board of the National Recreation and Park Association, Landscape Architecture Accreditation Board, National Association of Architectural Accrediting Board, National Association of State Directors of Teacher Education and Certification, National Council for Accreditation of Teacher Education, National League for Nursing, Planning Accreditation Board and Society of American Military Engineers. Accreditation of a curriculum is available in the college deans’ offices.

ACADEMIC FACILITIES

Research Resources and Facilities

The Academic Programs Office includes sponsored research, educational services, public service proposals to outside agencies, patent disclosures, applications and negotiations of licensing agreements, and facility security clearance. Information and assistance are available on applications for research support from federal and state agencies, institutional organizations, foundations and industries, and fellowships of interest to the faculty.

Institutes and Centers

Clemson University also operates several institutes and centers dedicated to teaching and conducting research in specific disciplines. These centers typi- cally encourage faculty from several acad- emic departments to bring their research skills to bear on multidisciplinary problems and issues. Research initiatives can be explored in greater detail through Clemson University’s Web page at www.clemson.edu/research.

Library Facilities

Clemson’s main library, the Robert M. Cooper Library, is located at the center of campus and provides students with a variety of services and up-to-date collections. More than 1.6 million items are available as books, periodicals, microforms, govern- ment publications and electronic materi- als. In addition to the Cooper Library, the University Libraries include the Emory A. Gunn Architectural Library and the Special Collections Library located in the Strom Thurmond Institute Building. These branch libraries provide a service to students dealing with the special nature of their projects.

Outstanding collections of journals, books, government documents and primary research materials have been developed in many areas, especially agriculture, the natural and physical sciences, econom- ics and technology.

Access to the Libraries’ collections is provided through the Online Libraries Catalog, a part of the Libraries’ CU Explorer system. Assistance in finding journal and newspaper articles, the Libraries have developed access to a number of electronic indexes, several of them giving access to full-text journals online. CU Explorer is accessible from most computers on campus as well as through dial access.

Computing Facilities

The Division of Computing and Informa- tion Technology (DCIT) supports the computing activities of students, faculty and staff with an extensive network of computers. DCIT maintains and supports 13 computer laboratories on main campus. The labs contain high-speed PC and printing equipment. All users have access to electronic mail, word processing and spreadsheet applications. All labs also provide full Internet access, including the World Wide Web.

Food Service

Clemson University also operates a number of small eating facilities including mass dining facilities and a variety of service retail facilities. Food service is available in many areas, especially agriculture, the natural and physical sciences, econom- ics and technology.

CAMPUS LIVING AND SERVICE

Residence halls and apartment com- plexes provide accommodations at econo- mical rates for graduate students. Most rooms are double occupancy with a limited number of single rooms available. The two-bedroom apartments each accommoda- te four students.

Students housed in residence hall are air conditioned and heated to meet the needs of today’s college student. Apartment-style housing designed for the specific needs and lifestyle of graduate student is available on a $9 or 12-month lease. Each apartment is double-occupied, thus allowing space for an area conducive to studying. For more information, contact the Housing Office, Assign- ments, 202 Mell Hall, Box 344075, Clemson, S.C. 29684-4075.

Library Facilities

The Libraries have developed access to a number of electronic indexes, several of them giving access to full-text journals online. CU Explorer is accessible from most computers on campus as well as through dial access.

Computing Facilities

The Division of Computing and Informa- tion Technology (DCIT) supports the computing activities of students, faculty and staff with an extensive network of computers. DCIT maintains and supports 13 computer laboratories on main campus. The labs contain high-speed PC and printing equipment. All users have access to electronic mail, word processing and spreadsheet applications. All labs also provide full Internet access, including the World Wide Web.

ANNUAL REPORTS

OFFICE OF THE PRESIDENT

President E.TITLE

The mission of Clemson University is to fulfill the covenant between its founder and the people of South Carolina to establish a high seminary of learning through its land-grant responsibilities of teaching, research and extended public service.

Clemson University is committed to providing educational opportunities for all students and assisting them in making their college experience successful. In compliance with Section 504 of the Rehabilitation Act of 1973 and the Ameri- cans with Disabilities Act of 1990, Clemson University recognizes a student with a disability as anyone who has a physi- cal or mental impairment that substan- tially limits one or more major life activi- ties. Student Disability Services coordi- nates the provision of reasonable accom- modations for students with disabilities. Accommodations are provided on a case-by-case and confidential basis on the nature of the disability and the academic environ- ment.

Students requesting accommodations must provide current documentation of their disability from a physician or licensed professional to the Office of Disability Ser- vices, Clemson University, 707 University Union, Box 344023, Clemson, S.C. 29684-4023 (Voice/TTY 864/656-3155).

CAREER SERVICES

The Office of Career Services coordinates campus visits by representatives of employers, industry and government who are interviewing graduate students for permanent employment and summer internships. Recruiters are scheduled from September through April. Clemson University has one of the most sophisticated placement systems in the country. The Office of Career Services, Research, employers and sign up for interviews from...
Financial Assistance

A large percentage of full-time graduate students at Clemson University receive some form of financial assistance during their graduate studies, primarily through graduate assistantships, fellowships or traineeships. Assistance is also available through hourly employment and loans. Graduate students who are not graduate assistants pay academic rates as S.C. residents or out-of-state residents.

Graduate assistantships are available on an annual or a nine-month basis in academic, civic, social and professional development.

Graduate assistants are granted partial remission of academic and other fees and enjoy some benefits provided for University faculty and staff. The number of students applying for assistantship support greatly exceeds the amount of available support. Many departments require at least one semester in residence before considering a graduate student's application for an assistantship. Also, students requiring non-academic aid must submit additional paperwork. Graduate assistants are granted partial remission of academic and other fees and enjoy some benefits provided for University faculty and staff. Thus, students must make a written request for deferred enrollment.

Application Time Limit

Generally, acceptance under an application is valid for one year beyond the initial date listed for enrollment. Academic departments reserve the right to deny deferred admission because of limited space and/or resources. Thus, students must make a written request for deferred enrollment from the department in which they wish to study.

After an application has become invalid, a student must reapply to the University by submitting a new application form, including the required fee. Students also need to resubmit all academic supporting materials with the application. All application materials received must be in the original form.

Applicants may apply by submitting the normal paper application or by submitting an application electronically on the Web. The Web address for Clemson University's Graduate School Network server is www.grad.clemson.edu. Applicants may check the status of their application at www.grad.clemson.edu/trackcheck.htm.

Application Deadlines

Application for admission of United States citizens and permanent residents should be received no later than five weeks prior to the first day of class. This means that every required item in support of the application (completed application form, application fee, transcripts, letters of recommendation, statements and test scores) must be on file with the Graduate School by this date. Applicants to programs requiring standardized test scores should complete these examinations at least 12 weeks before registration.

Unless all admission credentials reach the Graduate School at least five weeks prior to registration, an admission decision cannot be guaranteed. Students applying to a graduate major significantly different from their undergraduate major may anticipate a longer period of time for a decision.

A number of programs have earlier deadlines or restrict admission to full semester only. Students are advised to contact the department for the deadlines of the program of proposed study. All international students should refer to pages 6-7 of the Prospectus for application procedures and deadlines.

Graduate Study at Clemson University
Services to Students

The International Office serves as the official liaison between Clemson University and the U.S. Immigration and Naturalization Service (INS). Upon arrival at Clemson University, international students must contact USIA to complete Form I-20 and receive a Form IAP-66. The International Office helps international students maintain their legal status while enrolled at Clemson University.

Study Abroad Students

Among the primary services provided by the International Office is assistance with study abroad programs. Clemson students who wish to study abroad can contact the International Office for information on how to enroll in the appropriate academic year. The office also supports study abroad programs through its partnership with Clemson Area International Friendship (CAIF) to help students make friends with American families and make the most of their experience.

Application Deadlines

International students applying to Clemson University must submit their applications by specific deadlines. The normal paper application must be submitted by April 15 and September 15 for registration in the fall and spring semesters, respectively. Every returning international student must reapply to the University by submitting a new application form, including the required fee. Valid, international students must reapply to the University by submitting a new application form, including the required fee. Valid, international students must reapply to the University by submitting a new application form, including the required fee. Valid, international students must reapply to the University by submitting a new application form, including the required fee. Valid, international students must reapply to the University by submitting a new application form, including the required fee. 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Students selecting this emphasis conduct research in such areas as breeding and genetics, dairy production, meats and dairy microorganisms, dairying, management, microbiology, and nutrition. Students also have the option of participating in either programs in animal physiology or nutrition rather than animal and food industries.

FOOD SCIENCE AND HUMAN NUTRITION

Students desiring to pursue graduate study in this area are expected to have a fundamental background in chemistry, physics, mathematics, and some knowledge of biology. Students must also have some understanding of the biological sciences and strong interest in the solution of practical problems. Areas of concentration include but are not limited to the following:

- Biotechnology
- Food chemistry and engineering
- Food microbiology
- Food processing and preservation
- Food packaging
- Food safety
- Food sensory science

ANIMAL AND FOOD INDUSTRIES

Degrees Offered: M.S., Ph.D. U.S. applicants: GRE General International applicants: GRE General and TOEFL

The Ph.D. program in animal and food industries (AFI) is administered through the departments of Animal and Veterinary Science and the Department of Agribusiness and Agricultural Economics. Graduate student research in AFI may encompass a variety of topics: animal production, nutrition, reproduction, meat and milk products, health and microbiology, packaging, immunology, physiology, management, products and processing, nutrition and disease. The graduate program in AFI draws its strength from faculty who have expertise in biochemistry, feed processing, immunology, microbiology, nutrition, pathology and physiology. For a description of this program, see the information under Applied Economics in this college.

Additional Information: Concentrations: Animal and Veterinary sciences and food science.
Departmental Contact: Gary J. Wells, (864) 656-3223, gwell0@clemson.edu

AQUACULTURE, FISHERIES AND WILDLIFE BIOLOGY

Degrees Offered: M.S., Ph.D. U.S. applicants: GRE General International applicants: GRE General and TOEFL

Students desiring to pursue graduate work in aquatic sciences, fisheries and wildlife biology should have sound undergraduate preparation in the biological or related sciences. Research and teaching activities of the college are directed toward relationships between wild animals and their environment, the management and production of aquatic organisms, and the conservation, administration and utilization of wildlife and fishery resources. Additional information is available on the following areas of emphasis: conservation biology, uplands and wetlands wildlife biology, aquaculture, freshwater fisheries science and marine fisheries science.

BIOLOGICAL SCIENCES (BOTANY, ZOOLOGY)

Degrees Offered: M.S., Ph.D. U.S. applicants: GRE General International applicants: GRE General and TOEFL

The Department of Biological Sciences offers graduate degrees in biochemistry, botany, genetics and zoology. Students seeking joint training in a Ph.D. degree in plant physiology through an interdepartmental program. Faculty research falls into three broad areas listed below. Graduate programs are focused on the level of analysis (e.g., biochemical, organismal, etc.) or the organism under study (e.g., plant or animal).

1. Ecology/Evolution/Behavior. Current research projects focus on analysis of vegetation patterns from satellite images, plant-herbivore interactions, ecology of submerged freshwater plants, biogeochemistry of aquatic environments, genetics and evolution of insecticide resistance, evolutionary and systematic studies of reptiles, advanced species identification and preservation, herpetologists of South Carolina habitats, TINA analysis for plant systematic studies, physiological and behavioral ecology of birds, and migration and navigation of birds.
2. Cell Biology/Molecular Biology/Biochemistry: Common courses include study of intracellular trafficking, tissues of touch, secretory processes, intracellular protein synthesis, and cell signaling. Students may be required to take undergraduate courses in cell biology or molecular biology. Students interested in pursuing research in cell biology should contact faculty members with research interests in this area.

3. Environmental Toxicology: The Department of Environmental Toxicology at Clemson University offers a program leading to the M.S. and Ph.D. degrees in environmental toxicology. The program is designed to provide students with a comprehensive understanding of the interactions between toxicants and living organisms at various levels of biological organization. The program includes coursework in basic toxicology, risk assessment, and professional skills.

Additional Information: Must submit a statement of research interests and a plan for future research. Application deadline is January 1.

Departmental Contact: Dr. R. L. Thomas, (864) 656-5977, rlt9r@ Clemson.edu

ENVIRONMENTAL TOXICOLOGY

Degrees Offered: M.S., Ph.D.

Tests Required:
- U.S. applicants: GRE General
- International applicants: GRE General and TOEFL

The environmental toxicology program is designed to provide students with a comprehensive understanding of the interactions between toxicants and living organisms at various levels of biological organization. The program includes coursework in basic toxicology, risk assessment, and professional skills.

Additional Information: Must submit a statement of research interests and a plan for future research. Application deadline is January 1.

Departmental Contact: Dr. R. L. Thomas, (864) 656-5977, rlt9r@Clemson.edu

FOOD TECHNOLOGY

Degrees Offered: Ph.D.

Tests Required:
- U.S. applicants: GRE General
- International applicants: GRE General and TOEFL

The Food Technology doctoral program is an interdisciplinary program designed to prepare students for careers in the food industry. The program includes coursework in food science, nutrition, and food engineering.

Additional Information: Must submit a statement of research interests and a plan for future research. Application deadline is January 1.

Departmental Contact: Dr. R. L. Thomas, (864) 656-5977, rlt9r@Clemson.edu

PLANT AND ENVIRONMENTAL SCIENCE

Degrees Offered: M.S., Ph.D.

Tests Required:
- U.S. applicants: GRE General

The Plant and Environmental Sciences program is designed to prepare students for careers in the field of plant science. The program includes coursework in plant biology, plant physiology, and environmental science.

Additional Information: Must submit a statement of research interests and a plan for future research. Application deadline is January 1.

Departmental Contact: Dr. J. M. Calo, (864) 656-3518, jmcal0@clemson.edu

FOREST RESOURCES

Degrees Offered: M.F.R., M.S., Ph.D.

Tests Required:
- U.S. applicants: GRE General

The Forest Resources program is designed to prepare students for careers in the field of forest resources. The program includes coursework in forest management, forest products, and environmental science.

Additional Information: Must submit a statement of research interests and a plan for future research. Application deadline is January 1.

Departmental Contact: Dr. A. G. Allbro, (864) 656-2328, aulbro@Clemson.edu

PLANT SCIENCE

Degrees Offered: M.S., Ph.D.

Tests Required:
- U.S. applicants: GRE General

The Plant Science program is designed to prepare students for careers in the field of plant science. The program includes coursework in plant biology, plant physiology, and environmental science.

Additional Information: Must submit a statement of research interests and a plan for future research. Application deadline is January 1.

Departmental Contact: Dr. J. M. Calo, (864) 656-3518, jmcal0@clemson.edu

BIOINFORMATICS ENGINEERING

Degrees Offered: M.S., Ph.D.

Tests Required:
- U.S. applicants: GRE General

The Bioinformatics Engineering program is designed to prepare students for careers in the field of bioinformatics. The program includes coursework in computational biology, bioinformatics, and genomics.

Additional Information: Must submit a statement of research interests and a plan for future research. Application deadline is January 1.

Departmental Contact: Dr. R. L. Thomas, (864) 656-5977, rlt9r@Clemson.edu

ENTOMOLOGY

Degrees Offered: M.S., Ph.D.

Tests Required:
- U.S. applicants: GRE General

The Entomology program is designed to prepare students for careers in the field of entomology. The program includes coursework in insect behavior, insect ecology, and insect pest management.

Additional Information: Must submit a statement of research interests and a plan for future research. Application deadline is January 1.

Departmental Contact: Dr. J. M. Calo, (864) 656-3518, jmcal0@clemson.edu

ENVIRONMENTAL TOXICOLOGY

Degrees Offered: M.S., Ph.D.

Tests Required:
- U.S. applicants: GRE General

The Environmental Toxicology program is designed to prepare students for careers in the field of environmental toxicology. The program includes coursework in basic toxicology, risk assessment, and professional skills.

Additional Information: Must submit a statement of research interests and a plan for future research. Application deadline is January 1.

Departmental Contact: Dr. R. L. Thomas, (864) 656-5977, rlt9r@Clemson.edu

GENETICS

Degrees Offered: M.S., Ph.D.

Tests Required:
- U.S. applicants: GRE General

The Genetics program is designed to prepare students for careers in the field of genetics. The program includes coursework in molecular genetics, genetic engineering, and bioinformatics.

Additional Information: Must submit a statement of research interests and a plan for future research. Application deadline is January 1.

Departmental Contact: Dr. M. B. Freyer, (864) 656-3056, mbfrey@clemson.edu

MICROBIOLOGY

Degrees Offered: M.S., Ph.D.

Tests Required:
- U.S. applicants: GRE General

The Microbiology program is designed to prepare students for careers in the field of microbiology. The program includes coursework in bacterial physiology, molecular biology, and environmental microbiology.

Additional Information: Must submit a statement of research interests and a plan for future research. Application deadline is January 1.

Departmental Contact: Dr. J. M. Calo, (864) 656-3518, jmcal0@clemson.edu

PACKAGING SCIENCE

Degrees Offered: M.S.

Tests Required:
- U.S. applicants: GRE General

The Packaging Science program is designed to prepare students for careers in the field of packaging science. The program includes coursework in packaging materials, packaging processes, and packaging applications.

Additional Information: Must submit a statement of research interests and a plan for future research. Application deadline is January 1.

Departmental Contact: Dr. A. G. Allbro, (864) 656-2328, aulbro@Clemson.edu

PLANT SCIENCE

Degrees Offered: M.S., Ph.D.

Tests Required:
- U.S. applicants: GRE General

The Plant Science program is designed to prepare students for careers in the field of plant science. The program includes coursework in plant biology, plant physiology, and environmental science.

Additional Information: Must submit a statement of research interests and a plan for future research. Application deadline is January 1.

Departmental Contact: Dr. J. M. Calo, (864) 656-3518, jmcal0@clemson.edu

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Graduate programs are offered in each of the three schools that make up the College of Architecture, Arts and Humanities. The School of Design and Building offers four graduate degrees: the Master of Architecture, the Master of Science in Architecture, the Master of Construction Science and Management, and the Master of City and Regional Planning. The Master of Fine Arts in Visual Arts is offered in the School of the Arts. The above programs are offered on the Clemson University campus and at the Charles E. Daniel Center for Building Research and Urban Studies in Genoa, Italy. In addition, the graduate degree in construction science and management is available on a distance-learning program.

Each graduate program has the opportunity to study at the Daniel Center, Genoa, Italy, which is jointly sponsored by the college and by the Clemson Advancement Foundation for Design + Building. Located in the former Villa Dufour, the Daniel Center provides graduate students with the unique opportunity to live and study abroad.

Students enrolled in graduate programs in the School of Design and Building and the School of the Arts receive instruction in their disciplines through lectures, seminars, and studio classes; they also learn about their future profession through participation in public service projects.

The School of Humanities offers three graduate degree programs: the Master of Arts in English, the Master of Arts in History, and the Master of Arts in Professional Communication. The faculty of the School of Humanities are committed to excellence in teaching, research, writing, and public service. They also edit journals with national and international reputations, such as The South Carolina Review and The Clemson Review, and serve as officers of regional and national organizations and associations.

The college faculty have been the recipients of grants from a number of agencies and foundations including, but not limited to, the National Endowment for the Arts, the National Endowment for the Humanities and the Bingham Trust. Faculty members also have held Fulbright Senior Lectureships and Research Awards in such countries as Austria, Bangladesh, Belgium, Chile, Colombia, Denmark, England, Romania, Germany and Spain.

ARCHITECTURE

Degrees Offered: M.Arch., M.S.

Tests Required: U.S. applicants: GRE General International applicants: GRE General and TOEFL.

The School of Architecture prepares students for the challenge of professional practice through the Master of Architecture degree program. The curriculum is dominated by design exploration demanding creativity and intellectual rigor accompanied by advanced work in technology, theory and elective subject areas. Studio activity is enriched by nationally recognized visiting architects and students typically spend one semester of study in Genoa, Italy, exploring urban architectural issues.

Complementing this professionally focused curriculum is the Master of Science in Professional degree program, which emphasizes independent studies in selected areas of specialization and research within the discipline of architecture.

Additional Information: Send portfolio to 145 Lee Hall, Box 343503, Clemson, SC 29634-3503.

Departmental Contact: Jose Caban, (864) 656-3895, jcaban@clmson.edu

City and Regional Planning

Degrees Offered: M.C.R.P.

Tests Required: U.S. applicants: GRE General International applicants: GRE General and TOEFL.

The problems faced by cities and regions today call for innovative solutions from creative people. The two-year Master of City and Regional Planning degree program emphasizes land-use planning and development, environmental planning, and issues of the built and natural environments.

Clemson University’s program in city and regional planning provides a professional degree for graduate students wishing to accept the challenges of urban problems. The curriculum emphasizes applied study through a set of core courses in urban design and land-use planning and development, and environmental planning.

Real-world situations are addressed in class projects.

Students have the opportunity for work/study experience in public and private planning agencies in nearby areas which provides financial support and unusual on-the-job experience.

Additional Information: Send personal statement of objectives to 121 Lee Hall, Box 343511, Clemson, SC 29634-3511.

Departmental Contact: Barry Nock, (864) 656-3925, nocks2@clmson.edu

Construction Science and Management

Degrees Offered: M.C.S.M.

Tests Required: U.S. applicants: GRE General International applicants: GRE General and TOEFL.

The Master of Construction Science and Management degree program is designed to provide students with a high-level of skill and understanding in the technical areas of construction project administration and control. Substantial emphasis is placed on advanced study in the field of business, in new and emerging techniques for construction project delivery systems, and in the administration of the construction firm. Special concentrations of study, such as construction education and private development, can be implemented in the master’s program.

Additional Information: 100 hours of construction experience required before degree is awarded.

Departmental Contact: Christine Piper, (864) 656-7581, cpiper@clmson.edu

English

Degrees Offered: M.A.

Tests Required: U.S. applicants: GRE General (Writing Assessment encouraged) International applicants: GRE General and TOEFL.

The Master of Arts degree program in literature is intended to appeal to those types of students who wish to enhance their technical writing, especially in high schools, community colleges and technical schools, those who plan to pursue graduate studies at the doctoral level, and those who want to expand their background in English studies, develop research and writing skills, and continue their intellectual experiences beyond the baccalaureate degree.

The program offers lecture courses, seminars and the opportunity for independent study in traditional literary genres and periods as well as in literary theory and rhetoric, creative writing and linguistics.

VISUAL ARTS

Degrees Offered: M.F.A.

Tests Required: U.S. applicants: GRE General International applicants: GRE General and TOEFL.

The Master of Fine Arts degree program provides professional studio experience in drawing, painting, printmaking, photography, ceramics and sculpture. All M.F.A. graduate students have private or semi-private studio spaces that relate to their major studio concentration. Students are encouraged to work in a variety of studio areas while concentrating in one. The program is highly individualized; each student is assigned to a major adviser and has the entire faculty as a resource committee in the first year of study.

One-on-one studio discussions, reviews, seminars, group critiques, workshops and field trips are the primary modes of instruction. In addition, visiting artists and guest lecturers are scheduled each semester. The University art gallery is located within the college and is associated directly with the M.F.A. program through its full-time director and graduate assistantships. Exhibitions include regional, national and international shows as well as M.F.A. graduate theses and other student exhibitions.

M.F.A. students are encouraged to spend one semester at the CAM/Daniel Center for Research and Graduate Study in Genoa, Italy. Additional Information: Send portfolio to 145 Lee Hall, Box 343503, Clemson, SC 29634-3503.

Departmental Contact: Mike Vittorio, (864) 656-3891, mvittorio@clmson.edu

Professional Communication

Degrees Offered: M.A.

Tests Required: U.S. applicants: GRE General (Writing Assessment encouraged) International applicants: GRE General and TOEFL.

The M.A. degree program in professional communication offers students the opportunity to explore communication theory and practice in a variety of disciplines and to develop communication expertise requisite for success in the workplace and classroom. Building on required core courses, students design programs of study to prepare for careers in online documentation and digital publishing, multimedia authoring, instructional design, international and corporate communication, publications management, usability testing and grant writing. Students also prepare for teaching in two-year colleges or for Ph.D. programs in rhetoric or professional communication.

Interested students with technical, scientific, humanities or business degrees are encouraged to apply.


Departmental Contact: Mark Chance, (864) 656-5415, mchance@clmson.edu

History

Degrees Offered: M.A.

Tests Required: U.S. applicants: GRE General International applicants: GRE General and TOEFL.

The program leading to the M.A. degree in history offers courses in nearly all areas of historical study. Concentrations are the study of the United States, the American South, Britain, Europe, Russia, Latin America, Asia and Africa; and the study of science and technology, public history and archival management. Courses also are offered for candidates for the M.Ed. degree with emphasis in history and government in cooperation with the College of Education and Human Development.

Departmental Contact: Thomas Kwak, (864) 656-5361, tkwak@clmson.edu

COLLEGE OF ARCHITECTURE, ARTS AND HUMANITIES

DEGREE REQUIREMENTS

The College of Architecture, Arts and Humanities offers graduate degrees in Architecture, Visual Arts, English, History, Professional Communication, Planning, City and Regional Planning and Urban Studies. The College of Architecture, Arts and Humanities also serves as the home for the College of Education and Human Development.

For more information on graduate studies, please contact the Department of Architecture, Visual Arts, English, History, Professional Communication, Planning, City and Regional Planning and Urban Studies.

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COLLEGE OF ARCHITECTURE, ARTS AND HUMANITIES

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C O L L E G E O F B U S I N E S S A N D P U B L I C A F F A I R S

The mission of the College of Business and Public Affairs is to be a preferred, learning-centered organization focused on educating men and women for leadership roles in business and related fields and expanding knowledge in these fields. Whether the field is global economics or manufacturing efficiency in a local plant, knowledge of accounting, management, finance, management science, economics, behavioral and social sciences, and marketing is essential for developing leaders in South Carolina and the nation.

Graduate study in the College of Business and Public Affairs provides a wide range of opportunities for preparation for careers in business, industry, government, and education. Advanced degrees are offered in accounting, applied economics, industrial management, management science, business administration, public administration, applied psychology, industrial organizational psychology and applied sociology.

The faculty of the College of Business and Public Affairs are committed to excellence in the scholarly endeavors of teaching, research, synthesis and application, and view them as mutually supportive. Many faculty are recognized nationally and are widely published in journals and serve on editorial boards of major professional and academic journals. The faculty are actively engaged in professional and academic organizations, with many service in a variety of leadership roles.

Several graduate programs are offered individually or in cooperation with other departments and universities. The applied economics program is a cooperative effort with the Department of Agricultural and Applied Economics in the College of Agriculture, Forestry and Life Sciences. The Master of Public Administration program is taught jointly by faculty from the Department of Political Science at Clemson University, the University of South Carolina in Columbia, and the University of South Carolina in Charleston.

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Principal areas of concentration are in the innovative and emerging areas of biomaterials, engineering and related fields, including bioengineering and research instrumentation. The emphasis in materials and mechanics is directed toward the development of materials and devices, such as artificial organs, for surgical implantation. Artificial intelligence is applied to medical diagnostic problems and to assist in the design, evolution and fabrication of custom medical devices.

In addition to direct laboratory experience, the graduate student works on campus and adjacent medical facility to conduct research in collaboration with medical, clinical or research-oriented institutes. A clinical internship is available to all students through the Bioengineering Alliance of South Carolina. Candidates are allowed wide flexibility in planning their programs but are encouraged to seek advice and direction from the faculty due to the rapid evolution of the emerging discipline.

Additional Information: Students with a nonengineering degree can be accepted into the program but must complete certain engineering prerequisites. A minimum M.S. degree is available. Students must have an M.S. degree to be accepted into the Ph.D. program.

Departmental Contact:
Robert Williamson, (864) 656-4074, bwllmsn@clemson.edu

CERAMIC ENGINEERING

Degrees Offered: M.S., Ph.D.

Tests Required:
U.S. applicants: GRE General
International applicants: GRE General and TOEFL

Ceramic engineers provide the engineering skills necessary to produce the broad spectrum of ceramic products ranging from brick and glass containers to integrated electronic packages and fiber optics. Starting with the basic principles of forming and processing ceramics from materials and synthetic or organic/inorganic raw materials, graduate ceramic engineers use their research skills to synthesize and develop new ceramic structures and products capable of solving tomorrow’s challenges.

Students may direct their programs toward the traditional ceramic product fields, or they may focus on such advanced ceramic fields as optical ceramics, electronic ceramics, ceramic matrix composites and advanced ceramic engines. Through the cooperation of other departments, multidisciplinary opportunities exist in biomaterials and other areas of materials engineering.

A broad range of ceramic engineering, other engineering disciplines, mathematics, physics, chemistry, and textiles are available to explore fully the potential of composite materials in new or traditional applications. Each student, in consultation with the major advisor, will tailor his or her program to meet the student’s professional goals and interests.

Additional Information: The department welcomes applications during the school year (August-May) in the area.

Departmental Contact:
Honey Rock, (864) 656-5636, nhrock@clemson.edu

CHEMISTRY

Degrees Offered: M.S., Ph.D.

Tests Required:
U.S. applicants: GRE General International applicants: GRE General and TOEFL

Graduate students in chemistry are involved with existing and novel research projects in the areas of organic, inorganic, analytical and physical chemistry. These areas contain a variety of projects, including syntheses of new compounds, development of new instruments, theoretical calculations and working with other disciplines to solve problems. Research areas include bio-organic chemistry, polymer chemistry and physical chemistry.

Individual programs may involve concentrations of courses and research in one of the traditional areas or in a combination, such as physical and inorganic chemistry, physical chemistry and physics or inorganic chemistry and organic or physical polymer chemistry.

The major department research instrumentation includes multidetector Fourier transform NMR spectrometers at 90, 220 and 300 MHz with a wide range of applicability, and two GClarus spectrometers

CIVIL ENGINEERING

Degrees Offered: M.S., M.Ph., Ph.D.

Tests Required:
U.S. applicants: GRE General International applicants: GRE General and TOEFL

The graduate program in civil engineering is geared toward training students to confront the challenges facing our society in the decades ahead: the planning, design, construction and maintenance of the public and private infrastructure (e.g., bridges, highways, dams, transit systems, water distribution and building).

Graduate students may specialize in the areas of construction, including project management, structural behavior of materials and structures, soil mechanics, structural analysis, and computer modeling. Individual courses of study and research are developed to fit each student’s interests and background.

Recent topics in project management include materials management, maintenance management, partnering, information technology and computer simulation. Construction materials topics include road and bridge design, recycled materials, material quality, specification development, and applied fluid mechanics. Applied fluid mechanics include sediment transport in rivers, estuaries and coastal waters, and pollution transport in aquatic and surface waters. Structural engineering topics include performance of structural systems for low-rise building, evaluation of standardized test procedures for building envelopes, performance of the steel systems during construction, fire safety and engineering properties of soil-geotextiles.

Additional Information: An essay describing the applicant’s experiences, goals and professional objectives and providing a reason for selecting the preferred area of specialization within civil engineering systems. a computerized laser Raman spectrometer, an X-ray fluorescence spectrometer, a Fourier transform infrared spectrometer, and an automated X-ray crystallographic system.

Graduate students in chemical engineering choose from an extensive list of courses in the areas of applied mathematics, chemical engineering principles, advanced chemical equilibrium, reaction engineering and physical and environmental chemistry. Additional Information: The department welcomes applications during the school year (August-May) in the area.
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MECHANICAL ENGINEERING

Degrees Offered: M.S., Ph.D.

Tests Required:
U.S. applicants: GRE General
International applicants: GRE General and TOEFL

The program in mechanical engineering is concerned with energy and materials, their transformation from one form to another, their transmission and their utilization. Research programs address biotechnology, environmental issues, energy, advanced materials and design for manufacturing.

Graduate students in mechanical engineering may select concentrations in mechanical and manufacturing systems design, CAD/CAM, kinematics and dynamics, materials, robotics and vibrations, or thermodynamic fluids (fluid mechanics, heat transfer, thermodynamics and energy systems).

Research programs address biotechnology, environmental issues, energy, advanced materials and design for manufacturing.

Research laboratories include robotics, material processing, aerodynamics, computer, vibration and rapid prototyping.

Departmental Contact: Giorgio Fedel, (864) 656-5620, gfe0@clemson.edu

PHYSICS

Degrees Offered: M.S., Ph.D.

Tests Required:
U.S. applicants: GRE General
International applicants: GRE General and TOEFL

The M.S. degree program in physics, including physics, fiber optics and biophysics, requires previous undergraduate study in physics, mathematics, computer science or an engineering discipline. Students will take advanced courses in fiber science, chemistry, physics, and the appropriate areas of study as determined by their graduate committee.

Additional Information: This degree is highly interdisciplinary in nature. Applicants usually have a B.S. and/or M.S. degree in one of the basic sciences or engineering disciplines, mathematics, computer science, textile science, textile chemistry, life science or other closely allied fields. Prospective students must have a minimum level of training in physics and mathematics.

Students may be accepted into the Ph.D. program after successfully completing the requirements for an M.S. degree in a base science, engineering, life science or textile program. Exceptionally well-qualified students meeting the acceptance criteria for the M.S. degree may be admitted to the Ph.D. degree program after obtaining the B.S. degree in one of the aforementioned areas of concentration. Acceptance into the Ph.D. program directly from the bachelor’s degree is solely at the discretion of the school’s graduate committee. The faculty of the college are committed to excellence in teaching, research and service. Many faculty are national leaders in their field and are active in professional and academic organizations. The school’s research is published widely and contributes significantly to the quality of the graduate experience.

Departmental Contact: E.V. Rape, (864) 656-3180, nijp68@clemson.edu

COUNSELING AND GUIDANCE SERVICES

Degrees Offered: M.Ed., Ed.S.

Tests Required:
U.S. applicants: GRE General or MAT
International applicants: GRE General and TOEFL

The M.Ed. degree program in counseling and guidance services provides students an opportunity to become counselors in elementary and secondary schools, higher education institutions and vocational counseling/commu-nity agencies. Entrance to the programs requires certification at the appropriate level. The curriculum emphasizes application of research and concepts of practice to a variety of settings. Additional Information: Specialization in guidance counseling in the public schools, higher education and the community agency fields.

Departmental Contact: Don Keller, (864) 656-5107, dck061@clemson.edu

EDUCATIONAL LEADERSHIP

Degrees Offered: Ph.D.

Tests Required:
U.S. applicants: GRE General
International applicants: GRE General and TOEFL

The Ph.D. program in curriculum and instruction prepares students to become leaders and researchers in curriculum and instruction. Students may emphasize elementary education, secondary education, special education or reading. A strong research base is coupled with extensive course work in curriculum and content area knowledge selected to meet the student’s future goals.

Departmental Contact: Antonia Konstam, (864) 656-5114, akonstam@clemson.edu

TEXTILES, FIBER AND POLYMER SCIENCE

Degrees Offered: M.S., Ph.D.

Tests Required:
U.S. applicants: GRE General
International applicants: GRE General and TOEFL

The M.S. degree program in textiles, fiber and polymer science requires previous undergraduate study in chemistry, physics, mathematics, computer science or an engineering discipline. Students will take advanced courses in fiber science, chemistry, physics, and the appropriate areas of study as determined by their graduate committee.

Additional Information: This degree is highly interdisciplinary in nature. Applicants usually have a B.S. and/or M.S. degree in one of the basic sciences or engineering disciplines, mathematics, computer science, textile science, textile chemistry, life science or other closely allied fields. Prospective students must have a minimum level of training in physics and mathematics. Students may be accepted into the Ph.D. program after successfully completing the requirements for an M.S. degree in a base science, engineering, life science or textile program. Exceptionally well-qualified students meeting the acceptance criteria for the M.S. degree may be admitted to the Ph.D. degree program after obtaining the B.S. degree in one of the aforementioned areas of concentration. Acceptance into the Ph.D. program directly from the bachelor’s degree is solely at the discretion of the school’s graduate committee. The faculty of the college are committed to excellence in teaching, research and service. Many faculty are national leaders in their field and are active in professional and academic organizations. The school’s research is published widely and contributes significantly to the quality of the graduate experience.

Departmental Contact: M.L. Munson, (864) 656-5309, mmunson@clemson.edu

COUNSELING AND GUIDANCE SERVICES

Degrees Offered: M.Ed., Ed.S.

Tests Required:
U.S. applicants: GRE General or MAT
International applicants: GRE General and TOEFL

The M.Ed. degree program in educational administration and supervision is designed for individuals seeking administrative or supervisory credentials. Requirements include course work in foundations, psychology, curriculum, methods, research and evaluation, general administration and supervision, school law, personnel and finance.

The Ed.S. degree program is designed for individuals seeking an advanced degree and compound positions and responsibilities at a higher level. Requirements include course work in foundations, school facilities planning, public relations, leadership, business management and curriculum.

Departmental Contact: Richard Blackbum, (864) 656-5100, rblackb@clemson.edu

ADVANCED MATERIALS

The development of the mind, spirit and body is to the core of the academic pro-grams of the College of Health, Education and Human Development. The focus of the college’s graduate programs is on preparing students for leadership positions in educational, health care, governmental and business organizations. Graduate study is offered in nursing; health administrative; parks, recreation and tourism management; elementary and secondary education; administration and supervision; teaching; curriculum and instruction; counseling and guidance services; educational leadership; human resource development; industrial education; and vocational/technical education.

Clinical and field experiences are common. Many programs join with local, state and federal agencies to provide real-world experiences and research projects for faculty and students. Programs and courses also are offered off campus and in the evening to fit the schedules of employees of public schools, health-care institutions, businesses and other organizations.

The faculty of the college are committed to excellence in teaching, research and service. Many faculty are national leaders in their field and are active in professional and academic organizations. Their scholarship is published widely and contributes significantly to the quality of the graduate experience.

Departmental Contact: L.C. Evans, (864) 656-5309, nepress@clemson.edu

EDUCATION AND HUMAN DEVELOPMENT

Administration and Supervision

Degrees Offered: M.Ed., Ed.S.

Tests Required:
U.S. applicants: GRE General or MAT
International applicants: GRE General and TOEFL

The M.Ed. degree program in educa-tional administration and supervision is designed for individuals seeking administra-tive or supervisory credentials. Requir-iments include course work in founda-tions, psychology, curriculum, methods, research and evaluation, general administration and supervision, school law, personnel and finance.

The Ed.S. degree program is designed for individuals seeking an advanced degree and compound positions and responsi-bilities at a higher level. Requirements include course work in foundations, school facilities planning, public relations, leadership, business management and curriculum.

Departmental Contact: Richard Blackbum, (864) 656-5100, rblackb@clemson.edu

EDUCATIONAL LEADERSHIP

Degrees Offered: Ph.D.

Tests Required:
U.S. applicants: GRE General
International applicants: GRE General and TOEFL

The Ph.D. program in educational leadership is designed to provide students with backgrounds in educational re-search, educational leadership and sup-porting areas of leadership. Two areas of study are public school administration and higher education administration.
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HUMAN RESOURCE DEVELOPMENT

Degrees Offered: M.H.R.D.

Tests Required: International applicants: GRE General and TOEFL.

The M.H.R.D. degree program offered jointly by the Department of Human Resource Management and the Department of Sociology and Policy of the College of Education is designed to prepare individuals interested in teaching. Applicants submit a letter describing career goals and an explanation of how the degree will facilitate reaching those goals, as well as a resume, which outlines education and work experience. The letter and resume should be sent directly to G-01 Tillman Hall, Box 340711, Clemson, SC 29634-0711.

Departmental Contact: G.G. Lovedahl, (864) 656-3645, mark24@clemson.edu

NURSING

Degrees Offered: M.S.

Tests Required: International applicants: GRE General and TOEFL.

The M.S. degree with a major in nursing offers the knowledge and skills in nursing administration and advanced practice in nursing with nurse practitioner or clinical specialization options. Areas of emphasis in the clinical specialization option include maternal, child/reproductive and adult/gerontological health. Nurse practitioner options include family nurse practitioners and gerontological nurse practitioners. Theory, research and role development are emphasized, enabling the graduate to participate in the development of nursing knowledge and contribute to the advancement of the nursing profession.

Additional Information: Application deadlines: April 1 for fall and October 1 for spring. Graduation from NLN-accredited program; two references (one familiar with clinical skills); 1:2 pgy explanation of career goals; evidence of undergraduate research/statistics, health assessment and computer literacy; and 600 hours of clinical are required.

Departmental Contact: Resource Points, (864) 656-5528, jrosa@clemson.edu

INDUSTRIAL EDUCATION

Degrees Offered: M.In.Ed.

Tests Required: International applicants: GRE General and TOEFL.

The Master of Industrial Education degree program allows for specialization in four areas. The industrial technology program is designed for careers in industrial technology and pre-vocational education. Those students seeking to improve their competency in teaching and administering vocational/technical programs in secondary or postsecondary institutions receive the industrial technology degree.

Additional Information: No application deadline. This degree is primarily for individuals interested in teaching. Applicants submit a letter describing career goals and an explanation of how the degree will facilitate reaching those goals, as well as a resume, which outlines education and work experience. The letter and resume should be sent directly to G-01 Tillman Hall, Box 340711, Clemson, SC 29634-0711.

Departmental Contact: Clint Isbell, (864) 656-3448, clem20@clemson.edu

PARKS, RECREATION AND TOURISM MANAGEMENT

Degrees Offered: M.P.R.T.M.; M.S., Ph.D.

Tests Required: International applicants: GRE General and TOEFL.

The department offers programs for a variety of opportunities in public and private parks, recreation, tourism, andprevocational and career education. Those students seeking to improve their competency in teaching and administering vocational/technical programs in secondary or postsecondary institutions receive the PRTM degree.

Additional Information: No application deadline. This degree is primarily for individuals interested in teaching. Applicants submit a letter describing career goals and an explanation of how the degree will facilitate reaching those goals, as well as a resume, which outlines education and work experience. The letter and resume should be sent directly to G-01 Tillman Hall, Box 340711, Clemson, SC 29634-0711.

Departmental Contact: Kathy Headley, (864) 656-5104, leonard@clemson.edu

SPECIAL EDUCATION

Degrees Offered: M.Ed.

Tests Required: International applicants: GRE General and TOEFL.

The M.Ed. degree program in special education (elementary or secondary emphasis) is offered to those desiring specialization in the areas of mental retardation, emotional handicaps or specific learning disabilities. The secondary program emphasizes training for those interested in careers as transition specialists. Additional Information: Application deadlines: April 1 and November 1. Applicants must submit a letter describing career goals and an explanation of how the degree will facilitate reaching those goals, as well as a resume that outlines education and work experience.

Additional Information: Application deadlines: April 1 and November 1. Applicants must submit a letter describing career goals and an explanation of how the degree will facilitate reaching those goals, as well as a resume that outlines education and work experience.

Departmental Contact: Kathy Headley, (864) 656-5104, leonard@clemson.edu

sekib@clemson.edu

VOCATIONAL/TECHNICAL EDUCATION

Degrees Offered: E.D.D.

Tests Required: U.S. applicants: GRE General International applicants: GRE General and TOEFL.

The Doctor of Education degree in vocational/technical education prepares graduates for leadership positions in colleges, universities, public schools, industry and vocationally related agencies. Areas of specialization are available in the following fields: administration, curriculum and instruction, guidance and teaching (in various disciplines).

The Ed.D. degree program consists of graduate course work in vocational and technical foundations, statistics and research, and advanced study in a field of specialization. An internship and research also are conducted in the field of specialization.

Additional Information: Application deadlines: April 1 and November 1. Applicants must submit a letter describing career goals and an explanation of how the degree will facilitate reaching those goals, as well as a resume that outlines education and work experience.

Departmental Contact: G.G. Lovedahl, (864) 656-3645, mark24@clemson.edu
FINE ARTS IN COMPUTING

Degrees Offered: M.F.A.C.
Tests Required:
- U.S. applicants: GRE General
- International applicants: GRE General and TOEFL

The Master of Fine Arts in Computing is a professional degree program to prepare graduates for the growing electronic arts industries, particularly in the areas of special effects used in the entertainment and commercial video/film industry. The M.F.A.C. program consists of a unique blend of instruction from art, computer science, computer engineering, graphic communications, performing arts, philosophy and psychology, together with newly designed courses targeted at specific production techniques.

Additional Information: Application deadlines: April 15. Applicants are required to submit a portfolio that may contain diverse media or formats including CD-ROMs, videos, slides or other artistic examples to demonstrate ability. Portfolios should be sent directly to E-106 Martin Hall, Box 345120, Clemson, SC 29634-5713.

Departmental Contact:
- Mark McKnew, (864) 656-5341, mamckn@clemson.edu

POLICY STUDIES

Degrees Offered: Ph.D., Certificate in Policy Study
Tests Required:
- U.S. applicants: GRE General
- International applicants: GRE General and TOEFL

The Ph.D. program will provide students with a high degree of specialized competence in policy analysis and policy research. Program focuses include quantitative, economic, political and other social science and technical skills used in the creation and analysis of public policy. Core course work includes microeconomic theory for public policy, statistical methods/econometrics, ethics and public policy, policy analysis and political choice, public finance, organizational theory and management, political economy for public policy, internship in policy analysis, policy analysis workshops, and policy analysis seminars. Doctoral students must develop a curriculum in one of the following four policy concentrations: agriculture policy, environmental and natural resource policy, rural and economic development policy, and science and technology policy. Students seeking a Certificate in Policy Studies must complete five to six prescribed core courses.

Additional Information: The Ph.D. in policy studies is intended for individuals with master's degrees who wish to acquire further policy research and analysis in economic development, agriculture, natural resource allocation, rural development, small town and community development, environmental issues, land use, infrastructure, public finance, growth management, and science and technology. The Certificate in Policy Studies is designed to augment policy studies for students in a traditional master's degree program by providing a set of explicit public policy research and analytical skills.

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