

COLLEGE OF ARCHITECTURE, ARTS, AND HUMANITIES

The College of Architecture, Arts, and Humanities offers graduate programs in three schools: the School of Design and Building, the School of the Arts, and the School of Humanities. Advanced degrees are offered in Architecture; City and Regional Planning; Construction Science and Management; Digital Production Arts; English; Environmental Design and Planning; Historic Preservation; History; Landscape Architecture; Professional Communication; Real Estate Development; Rhetorics, Communication, and Information Design; and Visual Arts.

Courses are offered in art and architectural history, communication studies, geography, languages, literature, performing arts, philosophy, religion, and women's studies to provide electives for students in other areas.

Graduate students in the School of Design and Building and the School of the Arts have the opportunity to study at the Charles E. Daniel Center for Building Research and Urban Studies in Genoa, Italy, which is sponsored jointly by the College and the Clemson Advancement Foundation for Design and Building. Emphasis is placed on studies related to this historic port city and the art and architectural heritage of the Italian setting. Studio and classroom work are enriched by visiting scholars and critics and complemented by scheduled field trips, both in Italy and continental Europe.

Courses of study in the Daniel Center, while under the jurisdiction of the related departments of the College of Architecture, Arts, and Humanities, are administered and taught by the professors-in-residence. Studio work is the core of the Genoa program, whether in architecture, construction science and management, or visual arts. All students undertake a history research project, conduct field studies, and participate in a design seminar.

The School of Humanities houses programs leading to the Master of Arts in English, History, and Professional Communication and the Doctor of Philosophy in Rhetorics, Communication, and Information Design. The school also offers certificate programs in Health Communication and Writing Assessment. Faculty have been recipients of grants from agencies and foundations, such as the National Endowment for the Arts, the National Endowment for the Humanities, the John Simon Guggenheim Memorial Foundation, and the Bingham Trust. They have also held Fulbright Senior Lectureships and Research Awards in many countries.

ARCHITECTURE

Master of Architecture

Master of Science

The Master of Architecture is a professional degree program that develops proficiency in responding to contemporary architectural issues through a range of both practical and theoretical knowledge, while providing opportunities for creatively challenging the limits of the profession. Major emphasis is on design, accompanied by complementary coursework of a professional focus, as well as elective subjects. Complex studio design projects stress social awareness and contextual fit and are responsive to all aspects of the architectural process. Practical experience is a requisite part of the overall program, which is concluded with a thesis or project combining literary research with design synthesis.

Admission to the MArch program is based on the student's ability to respond effectively to the intellectual rigor and creative challenge integral to graduate architecture study. This potential is measured by demonstrated proficiency in prior academic work and Graduate Record Examination (GRE) general test scores, as well as creativeness of mind, motivation of spirit, and maturity of purpose. A postbaccalaureate program of preparatory study is available to qualified applicants with backgrounds in areas other than design. Detailed information is available from the School of Architecture.

The Master of Architecture degree requires a minimum of two academic years. Degree candidates may elect a concentration of study in architecture or architecture and health care. Each student's specific plan of study is determined in consultation with the major advisor and is intended to reflect individual educational objectives and career goals, while assuring a comprehensive development of professional competence. The graduate faculty reviews each student each semester of the first year to determine if his/her performance is acceptable to continue in the program. A standing committee of the graduate faculty will evaluate the oral defense. Requirements for the MArch degree include 60 credit hours of approved coursework with a minimum grade-point ratio of 3.0. Students in the final year have the option of enrolling in the thesis project by taking ARCH 858 (Thesis Research), ARCH 859 (Thesis Manuscript), and ARCH 891 (Thesis Project). Students in the nonthesis option will enroll in elective courses as well as ARCH 892 (Comprehensive Studio).

Students in the Architecture program should be aware that ARCH 859 (Thesis Manuscript) is a graded course and may be taken only once. If a student's final thesis or project is not complete by the end of the semester in which he/she enrolls in ARCH 859, the student should take an *incomplete* in ARCH 859 and enroll in G S 799 while finishing the thesis or project. After the thesis or project is completed, the *incomplete* in ARCH 859 can be converted to a final grade.

Architecture Concentration

This inclusive course of study leading to the MArch degree allows the student to pursue individual academic and career objectives within the context of a rigorous professionally directed architecture program. The focus of learning is the design studio, where the student is involved in a range of theoretical and real-world explorations. Advanced studies in technology, theory, and professional practice complement design work and are accompanied by additional subjects determined in concert with the major advisor.

Although designated subjects in design and other professional studies constitute a major portion of work in this concentration, sufficient elective hours are available to establish a study plan responsive to individual interests. The choice of thesis provides a further opportunity for personal development.

Architecture + Health Concentration

Within the framework of the Master of Architecture degree, the Architecture + Health Concentration includes seminar courses and studio work appropriate for both a general professional degree and a concentration in Architecture + Health. The intent is to develop the generalist-specialist—graduates who can creatively work in both modes. This concentration includes both the study of health facility design and the study of relationships between architectural settings and their impact on human health and well-being. The primary purpose of the concentration is to study how architectural environments impact health and how to create architectural settings that support health and well-being of individuals and larger populations.

Studio design projects and courses examine these relationships for architectural settings and conditions ranging from entire communities and health care systems to specific projects and individual interior or exterior spaces. The studio emphasizes design excellence within the framework of rigorous and complex demands found in the practice of health care architecture. Student work is expected to stand up critically at all levels of architectural consideration.

The Architecture + Health Concentration is demanding in the scope of its professional studies, with most of the coursework designated for specific areas of learning. Students may take advantage of the same off-campus programs available to students in the Architecture Concentration during their first semester of study. Given the number of required courses, students may opt for a five-semester plan of study beginning in the spring semester. The thesis or project, developed during the final year, normally deals with particular architectural topics as they relate to health and/or health facility design.

Master of Science Program

The Master of Science degree in Architecture is a postprofessional degree program which offers the opportunity to achieve advanced learning within the discipline of architecture and to undertake research responsive to increasingly complex challenges attendant to the built environment. This is accomplished through a foundation of coursework, accompanied by directed studies within a selected area, and followed by the critical examination of a singular aspect of architecture in a research thesis.

Admission to the MS program is available to students who have a first professional degree in architecture and who possess the intellectual mettle and dedication necessary to respond successfully to the rigor of advanced study and independent research. This is measured by academic proficiency in prior work, a well-reasoned plan of advanced study, and GRE general test scores. Information concerning application procedures and requirements is available from the School of Architecture.

The coursework and directed studies required of the Master of Science program may be completed in one academic year, after which a variable period of time is dedicated to the research thesis. Degree candidates work within one of the following areas: architecture and health care facilities, environmental issues in architecture, architecture and human perception, or theory and philosophy of architecture. A plan of study is determined in consultation with the major advisor who, along with the advisory committee, periodically reviews the student's work and evaluates the research thesis. Requirements for the MS degree consist of 24 credit hours of combined coursework and directed studies with a minimum grade-point ratio of 3.0 and the acceptance of a six-hour research thesis.

CITY AND REGIONAL PLANNING

Master of City and Regional Planning

The two-year Master of City and Regional Planning program is a professional degree emphasizing applied study in preparing tomorrow's leaders for planning and developing the nation's towns, cities, and regions. The curriculum emphasizes applied study preparing for the challenge of planning vibrant and sustainable communities. Graduates are well-equipped for careers in private sector planning and development, as well as public sector planning and administration. The nationally accredited program began in 1968 and has over 400 graduates.

The program emphasizes sustainable land development, applying appropriate technology and recognizing the balance of physical, economic, financial, social, and policy dimensions of planning. The program has a professional application focus mainly concerned with providing a solid planning education to qualified students, primarily to meet the needs of South Carolina, the southeastern region, and the nation. The generalist approach is employed with the flexibility for specialization in four areas: development planning, transportation, environmental land use planning, and geographic information systems. A substantive core emphasizes the general framework, theories, methods, and applications of the planning process. Strong ties with the professional community reinforce the professional application focus.

Students come from a variety of undergraduate majors and professional backgrounds—primarily liberal arts, the social sciences, environmental science, business, management, and design—and from many states and several countries. The MCRP program typically has annual classes of approximately 15–20

students, providing the opportunity for extensive faculty involvement in teaching, research, and public service.

While the curriculum covers theory and policy issues, the principal focus emphasizes the applied skills students need to enter the job market as professional planners and to evolve as leaders in the field. Classes use real-world situations for analysis and for the application of planning skills in dealing with land use planning, development, and issues of the built and natural environment.

Planning students are equipped to meet opportunities facing communities in many creative ways. Many first-year students work two days per week as department assistants for professors or in planning related entities. Students typically work full time as interns in planning or development organizations during the summer between their first and second academic years. During their second year, most students work two days a week with a public, private, or nonprofit entity as student public service assistants (SPSA). This allows them to gain additional professional experience. Students also interact in interdisciplinary teams.

Department assistants generally earn around \$2,500 for nine months at 10 hours per week; SPSAs earn around \$4,000 at 15 hours per week and usually require an automobile for transportation to positions throughout the area. Both assistantships provide significant tuition reduction. Students also have the opportunity to participate with the Center for Community Growth and Change and the Center for Real Estate Development.

Students are actively involved in Clemson's Planning Student Organization of the American Planning Association (APA) and SCAPA. The program director and student president of the Clemson student chapter are both on the SCAPA Executive Committee.

Clemson's graduates have been successful in the public, private, and nonprofit sectors, attaining key positions in traditional planning agencies, development groups, nonprofit organizations, and private consulting firms. This practical, applied program is recognized throughout the region for its outstanding graduates. Most alumni of the program serve as agency directors, department heads, and staff planners at the local, regional, and state levels. Some graduates work as generalists while others are specialists in GIS, housing and community development, environmental and coastal planning, historic preservation, transportation planning, or economic development. A growing number are employed in the private sector as developers, banking professionals, market research and site location analysts, land development and urban design consultants, public-private partnership consultants, and other consulting firms.

Admission Requirements

1. A bachelor's degree from an accredited college or university
2. A satisfactory academic record, particularly in the last two years of undergraduate work
3. An on-campus interview (highly recommended)

4. Three letters of recommendation with at least two from current or former professors

5. Completion of the Graduate Record Examination

6. A personal statement of objectives, briefly describing (in one to two pages) the applicant's interest in planning in general and Clemson's program in particular

Courses in statistics and economics are highly recommended. International students are required to submit TOEFL scores.

Deficiencies in any of these areas may be remedied after enrollment in the graduate program. Postbaccalaureate status may be recommended in some cases.

Requirements for Degree Candidacy

The two-year Master of City and Regional Planning degree requires a minimum of 55 credit hours. The program contains a 28-credit core curriculum, a three-credit summer internship, 15–18 credit hours of approved concentration/elective courses, and 6–9 hours of research and terminal project or thesis. The core courses include planning and substantive theory, analytical methods, implementation techniques and applications. The concentration area allows the student to develop further expertise in a particular area, if desired. A summer internship between the first and second years requires ten weeks of supervised professional employment for another three credits. If approved, students may take additional coursework in lieu of the internship. An oral examination is required to present and defend the results of the terminal project or thesis.

Requirements for Awarding of a Degree

Thesis Option

1. A minimum of 55 hours of coursework with a B average in the student's prescribed professional curriculum, including the thesis, is required.
2. A nine-credit-hour planning thesis must be completed satisfactorily. Only those students who have been approved by the Planning faculty and have performed satisfactorily on the comprehensive examination will be permitted this option.
3. The final oral examination requires satisfactory answers to questions concerning the student's thesis and concentration area.

Nonthesis Option

1. A minimum of 55 hours of coursework with a B average in the student's prescribed professional curriculum is required.
2. An approved six-credit-hour terminal project sequence must be completed satisfactorily. Students must perform satisfactorily on a comprehensive examination covering the core planning courses before being permitted to write the terminal project.
3. The final oral examination requires satisfactory answers to questions concerning the student's terminal paper and concentration area.

CONSTRUCTION SCIENCE AND MANAGEMENT

Master of Construction Science and Management Certificate

The Master of Construction Science and Management program provides 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.

The number of credit hours required for the MCSM degree varies according to each student's undergraduate degree. For those who have the required undergraduate skills and knowledge, the program consists of 36 credit hours, of which at least 15 must be from the department core (C S M 860; 861; 862; 863; 864; 865; 889 or 891) and C S M 852. In cases where the candidate does not have the necessary prerequisite skills and knowledge, additional coursework beyond the 36 credit hours is required. Each application is evaluated as to the needed additional coursework. If deficient courses are noted, the candidate may be placed in a postbaccalaureate status.

This program is also available to off-campus students through the Office of Off-Campus, Distance, and Continuing Education. Call 1-888-CLEMSON (1-888-253-6766) for more information.

Admission Requirements

1. A bachelor's degree in construction science, construction management, building construction, or related area is required. Applicants from other disciplines may be admitted but may be required to remedy any deficiencies in coursework to provide the prerequisite skills and knowledge for the Construction Science and Management graduate program.

2. Acceptance must be granted by the Office of Graduate Admissions and the Department of Construction Science and Management. University acceptance is based on performance in previous undergraduate studies and a satisfactory score on the GRE. In addition, acceptance by the department is based on performance in undergraduate studies, three letters of recommendation, and acceptance by the department Graduate Admissions Committee.

3. Each applicant is required to have one year of construction experience prior to being admitted to the program. Applicants must submit a detailed résumé of construction experience.

Requirements for Degree Candidacy

1. The Master of Construction Science and Management degree requires a minimum of 36 credit hours as detailed above. In cases where the candidate does not have the necessary undergraduate prerequisite skills and knowledge, additional coursework beyond the 36 semester hours may be required as noted above.

2. Each student is required to have one year of construction-related experience prior to being admitted to the program.

Requirements for Awarding of a Degree

Thesis Option

1. A minimum of 36 credit hours of coursework with a B average in the student's prescribed curriculum, including thesis, is required.

2. A thesis on a construction-related topic must be completed satisfactorily. Up to nine semester hours of thesis credit may be taken. Thesis credit is included as part of the department's core. Approval must be received from the student's advisor prior to selecting the thesis option.

3. Performance on a final oral examination relating to the student's thesis and program of study must be satisfactory.

Nonthesis Option

1. A minimum of 36 credit hours of coursework with a B average in the student's prescribed curriculum is required.

2. A special research design problem on a construction-related topic must be completed satisfactorily by taking C S M 889, which is included as part of the department's core. Approval must be received from the student's advisor for the topic of the research prior to registering for the course.

3. Performance on a written comprehensive examination covering the student's program of study must be satisfactory.

4. Performance on a final oral examination relating to the student's program of study must be satisfactory if the student has not performed satisfactorily on the written comprehensive exam. The oral exam is required only if the student did not perform satisfactorily on the written exam.

Certificate of Construction Science and Management

Clemson University's Certificate Program in Construction Science and Management provides qualified students the opportunity to take a selection of advanced construction management courses without having to commit time and resources toward the pursuit of a master's degree. Students receive three hours of college credit for each course taken and a certificate upon completion of all six courses.

Prospective students apply in the same manner as current graduate students. A bachelor's degree in construction science, construction management, building construction, or related area is required. There is no requirement to take the GRE or TOEFL.

A student enrolled in the certificate program who wishes to be admitted into the MCSM graduate program must meet all admission and degree requirements in effect at the time of application. The student may transfer up to 12 credit hours from the certificate program to the Master of Construction Science and Management degree; therefore, the decision must be made by the time the student has completed four courses (12 credit hours).

Admission Requirements

1. A bachelor's degree in construction science, construction management, building construction, or related area is required. Applicants from other disciplines may be admitted but may be required to remedy any deficiencies in coursework to provide the applicant with the needed prerequisite skills and knowledge for the Construction Science and Management certificate program.

2. Acceptance must be granted by the Department of Construction Science and Management. Acceptance is based on performance in previous undergraduate studies, three letters of recommendation, and acceptance by the department graduate admissions committee.

3. Each applicant is required to have a minimum of one year of construction experience prior to being admitted to the program. Applicants must submit a detailed résumé of construction experience.

Requirements for Awarding of a Certificate

Completion of the following courses with a B or better is required: C S M 860, 861, 862, 863, 864, 865.

DIGITAL PRODUCTION ARTS

Master of Fine Arts

The Digital Production Arts program at Clemson University is a professional degree program aimed at producing graduates who will be sought by the growing electronic arts industry, particularly by those companies engaged in special effects production within the entertainment and commercial video, film, and gaming industries. The program is offered jointly with the College of Engineering and Science and offers 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.

Admission and Financial Aid

Applicants are required to submit GRE general test results and a portfolio of artistic work that may include CD-ROMs, videos, slides, etc. Assistantships will be available to qualified applicants. Interested domestic students are encouraged to apply by March 1 for fall admission.

Requirements for Awarding of a Degree

The degree requires 60 hours, 18–24 of which are devoted to the visual arts studio wherein the student participates in group and individual animation projects, providing material for his/her professional quality demonstration video. Of the remaining 36–42 credit hours, 18 must come from the core courses, six from the master's thesis, and 12 from electives or foundation courses, three hours of which must come from one of the required electives below. Some beginning students may need postbaccalaureate work in the fundamentals of computing or visual arts, so foundation courses are offered. A maximum of five hours of foundation courses may be counted toward the degree. The normal course of study requires two years.

Foundation Courses—two courses selected from ART 803, CP SC 801

Core courses—ART 613, 821, CP SC 605, 611, 815, THEA 687. At least one course must be selected from A A H 630, 632, ENGL 650, (COMM) 651, 853, PHIL 845.

Electives—selected from ART 605, 607, 609, 611, CP SC 805, 808, E C E 847, G C 801, MUSIC 680, PSYCH 823, THEA 697.

Individual and/or Group Study Courses—ART (CP SC) 860 and ART 891 or CP SC 891 (Master's Thesis Research)

A supervisory board consisting of the program director and five faculty—two from Art, two from Computer Science, and one from Performing Arts—administers the program. The degree capitalizes on Clemson's well-known strengths in computer graphics (virtual reality systems), image processing, photography, art, film, and theatrical design.

ENGLISH

Master of Arts

Certificate

An applicant for the Master of Arts degree in English must present at least 12 credit hours of undergraduate English courses beyond the sophomore level; for the MEd degree in Secondary Education with an emphasis in English, an applicant must present at least nine. Entrance credits should include one course each above the sophomore level in Shakespeare and in English and American literature; students deficient in these may seek provisional admission.

MA students complete 25 credit hours of approved graduate courses and write a thesis, which may be developed with the approval of the Graduate Committee, from any interest area covered by the MA program. The nonthesis option requires 37 credit hours. All students must demonstrate a reading knowledge of an approved foreign language.

At the core of the MA program is a 10-hour requirement, including ENGL 800 and one course from each of the following groups:

British Literature—ENGL 805, 808, 811, 814, or an appropriate section of 831

American Literature—ENGL 820, 823, or an appropriate section of 831

Language and Composition—ENGL 885 (required of graduate teaching assistants), 801, 802, 803, 832, 835, or an appropriate section of 831

MEd students in Secondary Education with an emphasis in English complete a total of 37 graduate credits, including ENGL 685 and 800.

Candidates for the MA and MEd degrees also must demonstrate proficiency in composition and pass a comprehensive oral examination.

Certificate in Writing Assessment

The certificate program in Writing Assessment consists of 18 credit hours of coursework. That coursework is flexible depending on the targeted needs of the student. The full certificate requires ENGL 871, three hours in writing, and twelve elective hours selected from ENGL 872, 873, 874, 875, or 876.

ENVIRONMENTAL DESIGN AND PLANNING

Doctor of Philosophy

The PhD Program in Environmental Design and Planning is an interdisciplinary, three-year post-master's degree program consisting of 71 hours. In most cases, students enter the program with a master's degree in architecture or landscape architecture, city and regional planning, or construction science. Because of its interdisciplinary orientation, students may be drawn from other disciplines including engineering, business, the social sciences, and humanities. Students from those program areas may be required to take prerequisite coursework. Students with advanced preparation may take slightly less than three years.

The curriculum is divided into five content areas as indicated below. Those content areas include core courses, concentration courses, elective courses, comprehensive examination, and dissertation research. Students will select a field from the traditional disciplines of architecture, landscape architecture, planning, or construction to build disciplinary as well as interdisciplinary foundations. Areas of specialization will be developed subject to faculty expertise and student interest. Areas of specialization might be drawn from such areas as urban design, health care, energy, development, community design, restoration, sustainability, landscape ecology, and building practice and technology.

Core Courses—The core consists of 23–26 hours of coursework and includes advanced theory/history, advanced methods courses generally taken outside the college, a readings course within a primary field area, a contemporary issues seminar, courses in research design and instructional delivery, and a colloquium and workshop. The core provides a foundation with some flexibility to tailor curriculum to individual needs within primary fields of study as well as a forum to address issues of the built environment in an interdisciplinary setting.

Concentration Courses—These courses may be taken within or outside the college. Students develop an individualized course of study to reflect their focus and career objectives. Coursework must be approved by the faculty advisor and committee members.

Electives—These courses add additional breadth and depth to the program. Students may add to their concentration coursework, select diverse offerings to complement the concentration, or develop an additional area of focus.

Degree Plan and Comprehensive Exam—Students are assigned an advisor upon entering the program. A program evaluation is conducted and a dissertation advisor and dissertation committee are selected at the end of the first full year of study. A curriculum plan for the remainder of the program is developed at that time. Comprehensive and oral examinations are administered following completion of the second full year. Dissertation credit cannot be taken until comprehensive exams are scheduled.

Dissertation Research—Students develop a dissertation in their area of concentration. A minimum of 24 hours in dissertation research is required.

HISTORIC PRESERVATION

Master of Science

Certificate

The Master of Science in Historic Preservation degree is a professional degree program designed for students who will specialize in working with historic buildings, landscapes, and the decorative arts. It is a dual degree program with the College of Charleston and is administered through Clemson's Department of Planning and Landscape Architecture. The program uses Charleston and the historic environs of South Carolina as a living laboratory. The size of the program is restricted to ensure focused research with the faculty. Coursework emphasizes studios, labs, and field seminars incorporating Charleston's rich community of preservation specialists as well as distinguished visiting faculty and researchers in the Graduate Center in Historic Preservation.

Students are admitted into the program from a variety of undergraduate disciplines relating to the built environment. A portfolio with samples of work related to the built environment is encouraged, and students of the humanities and sciences are encouraged to apply.

Program Requirements

The 54-credit program is structured in sequential layers, beginning with an initial core semester devoted to the analysis and documentation of historic sites, followed by a more advanced studio-focused semester organized around the development of a preservation project. The second year focuses on advanced analysis and conservation studies, followed by a final semester of preservation administration done in conjunction with the student's thesis focus.

Thesis proposals are defended in the third semester of the program. Thesis projects are original research and incorporate each student's specific focus in the discipline of historic preservation. Projects using the historic resources of Charleston and its environs, or other suitable historic sites, are encouraged.

Professional internships are available through a variety of Charleston preservation initiatives, the national network of preservation specialists, as well as opportunities with national organizations such as the Historic American Building Survey and the National Trust for Historic Preservation.

Certificate in Historic Preservation

The Certificate in Historic Preservation is designed to enhance a variety of other degree programs at Clemson through advanced studies in historic preservation. The graduate certificate uses the first semester curriculum of the graduate program in Historic Preservation, otherwise known as the "foundation" semester, as a stand-alone semester in Charleston. This Charleston-based semester focuses on documentation and analysis of the design and craftsmanship of the historic city and exploration of the philosophy of preservation on site.

The 12-credit semester meets NCPE-mandated curriculum requirements. Prerequisites and further course requirements are determined by the student's degree program of study.

HISTORY

Master of Arts

Admission Requirements

Students are admitted to the graduate program upon the recommendation of the department's graduate program coordinator or department chair. All applicants to the MA program in History must submit the following to the Graduate Admissions Office:

1. A minimum score of 500 on the verbal section of the Graduate Record Examination (GRE) and a minimum score of 4 on the writing section. (GRE scores more than five years old relative to date of initial enrollment are not accepted.)
2. Final transcript(s) for the BA sent by the applicant's undergraduate school(s), showing a minimum grade-point ratio of 3.0 in history courses; and 2.5 in all courses during the last two undergraduate years.
3. Three letters of reference, preferably from undergraduate professors.
4. A sample term paper.
5. A personal statement addressing the applicant's background in history, intended areas of specialization, and reasons for applying.
6. A completed University application form.

Additionally, if the applicant has 1) a grade-point ratio less than 3.0 in the History major for the BA degree and/or 2) a BA degree, including the major and minor, in subject(s) other than history, he/she will be required to take a minimum of four upper-level undergraduate history courses at Clemson or at another accredited university or college and receive a grade of B or better in each course before admission to the program. The only exception to this course requirement shall be persons who demonstrate that, as a part of their BA degrees, they completed a minimum of four upper-level undergraduate history courses with a grade of B or better. Any exceptions to these regulations require the consent of the department's Graduate Committee.

Application Deadline

Applications for fall semester must be postmarked no later than the previous April 15, and for spring semester no later than the previous November 1. Please note that consideration for assistantships takes place in January and February.

Requirements for Awarding of a Degree

The MA in History requires 30 credit hours in courses numbered 600 or above divided as follows:

1. HIST 881
2. HIST 820 or 872
3. A minimum of nine additional credit hours in courses numbered between 800 and 894, excluding HIST 885 and 891
4. A minimum of nine elective credits in graduate courses selected with the approval of the director of the graduate program
5. A minimum of six credits in HIST 891 (Master's Thesis Research), three of which should be taken in the second semester if enrolled full-time or within the first 18 credits in the program. Additionally, the

student must write a thesis acceptable to the department and must demonstrate reading knowledge of a foreign language. A final examination, which may be written, oral, or a combination of the two forms, is required of all candidates.

Students holding an assistantship in the Department of History who receive a grade lower than B in any graduate course may have their assistantships terminated.

LANDSCAPE ARCHITECTURE

Master of Landscape Architecture

The landscape architecture profession is broad and interdisciplinary. Practicing landscape architects work on a wide range of project types including but not limited to urban and community design, historic preservation, ecological restoration, parks and park systems, institutional landscapes, memorials, cemeteries, industrial site reclamations, golf courses, wilderness areas and trails, residential landscapes and gardens.

The profession is both an art and a science. Successful landscape architects are creative professionals who hold an environmental imperative and a social conscience. They are also excellent facilitators, able to bring numerous disciplines and professions together to work on complex projects in the landscape.

Like other universities in the United States, Clemson offers two Master of Landscape Architecture (MLA) tracks—a first professional degree and a second professional degree. Both tracks offer students an opportunity for in-depth study in one of the department's focus areas—community and landscape change, health and design, and landscape restoration (including landscape ecology, history and historic preservation). A more general emphasis on international study supports the three focus areas. Research and study in those important topics of national and international consequence further ensure the marketability of Clemson's MLA graduates.

To qualify for admission to the first professional degree, students must hold a bachelor's degree in any discipline from an accredited college or university. Students come from a range of disciplines such as planning, history, English, biology, geology, geography, environmental science, various social or natural sciences, art, or other disciplines.

Students in the two-year second professional degree must hold a five-year Bachelor of Landscape Architecture (BLA) degree. Students with other accredited design degrees such as Bachelor of Architecture (BArch) and Bachelor of Science in Landscape Architecture (BSLA, generally a four-year degree) will move into the first professional program but will be allowed to complete the work in less than three years, depending on individual backgrounds and experiences. Admission to the program is based on GRE scores, three letters of recommendation, academic background and related transcripts, statement of purpose, and work experience, if any. International students are expected to have exceptional TOEFL scores complementing the GRE.

First Professional MLA

The three-year first professional degree is designed to provide students with a professional education and also an opportunity for research and/or in-depth project work. Because students hold bachelor's degrees from an array of backgrounds, it is necessary for them to gain landscape architectural skills. Those proficiency courses are also required for professional accreditation.

Students begin the program with a rigorous summer experience that provides an in-depth orientation into the profession and discipline. In the first years of the program, students focus on corequisite proficiency requirements but will also take a few important graduate-level courses. More graduate-level work, project-oriented research connected to a team project, and/or thesis project are emphasized during the final year. Summer off-campus experiences are optional. Students take 45 credits of corequisite proficiency coursework, 48 credits of 800-level courses, and six credits of 600-level courses, for a total of 99 credits.

Second Professional MLA

The second professional degree in Landscape Architecture is a two-year program limited to students who hold an accredited five-year professional BLA degree. Second professional degree students take a total of 51 credit hours to earn the degree. Requirements include two 800-level seminars, one 800-level colloquium, and three 6-credit 800-level studios. In the final semester students choose between a six-credit 800-level collaborative studio or six thesis credits. Students are also required to complete a three-credit "Key Issues in Landscape Architecture" course. An external research methods course is required as are 12 elective credits (at least six credits must be at the 800 level). Summer off-campus experiences are optional. Like first professional degree students, second professional degree students may choose to engage in sophisticated team studio projects or complete individual thesis projects in the final semester.

PROFESSIONAL COMMUNICATION

Master of Arts

The Department of English offers an interdisciplinary Master of Arts degree in Professional Communication which combines work in theory and research with a comprehensive emphasis on written, oral, and visual communication. It prepares graduate students to be professional and technical communicators in industry and government and to be teachers of professional communication in two-year colleges. In addition, the program provides the background necessary for students who plan to pursue a PhD in rhetoric or technical communication.

This degree is designed for students with strong writing skills from all academic disciplines. The program accommodates students with undergraduate majors in technical and scientific fields, as well as those with humanities and business degrees.

The Multimedia Authoring Teaching and Research Facility and the Class of 1941 Studio for Student Communication give MAPC students access to corporate-style presentation and collaboration space as well as the newest computing hardware and software, enabling multimedia and Web design and production, digital video and audio editing, desktop publishing, and graphic design. Clemson's award-winning undergraduate writing programs and faculty with expertise in the teaching of writing allow MAPC students to work at the forefront of innovative writing pedagogy. The Campbell Chair in Technical Communication, the Pearce Center for Professional Communication, and the Effective Technical Communication Program in Engineering constitute a network of professors enabling students to work in professional communication in a variety of academic disciplines. The Usability Testing Facility allows students to conduct state-of-the-art usability research on interface designs, on-line documentation, and other publications. MAPC students wishing to pursue careers in the growing field of health communication also have the option of combining the Master's degree with the Health Communication Certificate program described below.

Additional information about the MAPC program is available at www.clemson.edu/caah/mapc/.

Admission Requirements

Applicants must hold a degree in any field from an accredited college or university, with a 3.0 grade-point ratio on a 4.0 scale; submit a satisfactory score on the GRE general test; submit at least two letters of recommendation from individuals familiar with the candidate's academic work and/or work experience; and submit a brief résumé, a one-page statement of purpose discussing why the candidate wishes to pursue the MAPC degree, and ten pages of workplace or academic writing.

Requirements for Awarding of a Degree

The MA in Professional Communication requires 30 credit hours beyond the BA or BS degree, distributed as follows:

- Five core courses, which include ENGL 850, 851, 852, 853; and ENGL 856 or COMM 664.
- Three or four electives in a specialty area chosen to meet professional goals. Possible electives include professional communication courses in writing, teaching, digital publishing, and corporate communication, as well as courses in related disciplines.
- Candidates must demonstrate a reading knowledge of a foreign language and pass a qualifying examination on a reading list.
- Students choose either to write a thesis based on research and a thorough analysis of a problem in professional communication (six credit hours) or to complete a project by solving a communications problem for a client in the professional world and by preparing a project portfolio (three credit hours).

Health Communication Certificate

An interdisciplinary Certificate in Health Communication is also available to students in the MAPC degree program and to practicing health professionals who already have graduate degrees or

are pursuing graduate degrees in Nursing, Health Sciences, and many other fields. This 18-credit-hour certificate program offers students the ability to develop careers in writing for the pharmaceutical, scientific, medical, and/or health industries. It especially targets jobs in hospital systems, HMOs, clinics, CDC, and other local, national, and international health organizations. The certificate program is available through two tracks:

- MAPC students who specialize in this field by taking ENGL (COMM) 804, 806, and (COMM) 807 to fulfill their MAPC program cognate requirements
- Health professionals who need to update their communication skills to better meet the challenges of today's highly technological health settings

Unlike other programs in health communication, this program is geared toward the technological skills more applicable to today's health industry. In addition, the program can be customized to individual student needs, whether they be centered on technological skills available through the MAPC/HCC program or targeted for those who already have technical skills in health content and/or medical humanities. This program is interdisciplinary and includes both arts and sciences approaches to health messaging. Additional information is available at www.clemson.edu/caah/healthcomm/.

REAL ESTATE DEVELOPMENT

Master of Real Estate Development

The full-time, 54-credit, two-year professional Master of Real Estate Development (MRED) degree program is jointly offered by the Department of Planning and Landscape Architecture in the College of Architecture, Arts, and Humanities and the Department of Finance in the College of Business and Behavioral Science. Required courses are drawn from six disciplines: MBA, finance, law, architecture, construction science and management, and planning and landscape architecture.

A two-week South Carolina Coastal Real Estate Development Field Tour is required during Maymester. Students study developments in Myrtle Beach, Pawleys Island, Charleston, Beaufort, and Hilton Head prior to the required ten-week supervised professional summer internship. Other regional field trips occur in Charlotte, Atlanta, and nearby areas.

The program creates the educational opportunity for future development entrepreneurs to produce exciting, quality projects respecting environmental and economic sustainability, social consciousness, design excellence, and financial feasibility within the risk-reward framework. The development industry is complex and requires leaders trained from diverse disciplinary perspectives. The program primarily follows the principles of the Urban Land Institute (ULI), which acknowledges that development is a public-private partnership and that quality development requires integrating the perspectives of community, environment, and economics.

Some first-year students will obtain research assistant positions for ten hours per week, assisting professors in research at the Center for Real Estate Development. Second-year MRED students (some first-year students with experience) may work two days each week during the academic year at paid internships with local real estate entities. Positions typically require interns to have transportation throughout the metro area (up to a 60-mile radius). The program requires a 10-week summer internship with a real estate business anywhere in the world.

The program seeks an interdisciplinary student body, which is entrepreneurial yet team-oriented. No specific bachelor's degree is required. Work experience is not required, although it is preferred.

The program focuses on the "master builder" concept, the methodology promoting an entire vision for a community through sustainable design, creative financing, place-making, and healthy communities. A graduate will become a visionary who serves as a craftsperson and designer of neighborhoods and community development, one who recognizes the role of the developer in guiding the different aspects of creating the built environment—political, economic, physical, environmental, legal, and sociological parameters.

Additional information is available by e-mail from CUREalEstate-L@clemson.edu or at www.clemson.edu/caah/pla.

Course Requirements

The Master of Real Estate Development Program requires a minimum of 54 credit hours (60 credits for students with no previous degree background and previous coursework in the field). Additional electives are based on class exemptions dependent on prior coursework.

Following is the required curriculum for students with no undergraduate background in the field:

First Year

First Semester

- 3 - C R P 602 Human Settlement
 - 3 - C R P 802 Site Planning and Infrastructure
 - 3 - M B A 819 Intro. to Accounting and Finance
(for non-business degree majors)
 - 3 - M B A (FIN) 836 Real Estate Principles
 - 3 - RED 800 Real Estate Development Process
-
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Second Semester

- 3 - ARCH 820 Building Design and Construction Principles
 - 1 - C R P 830 Introduction to GIS
 - 3 - FIN 615 Real Estate Investment
 - 3 - FIN 616 Real Estate Valuation
 - 3 - RED 801 Real Estate Market Analysis
 - 1 - RED 810 Real Estate Seminar Roundtable
-
- 14

Maymester and Summer Session

- 3 - RED 802 Real Estate Dev. Field Tour Seminar
- 3 - RED 811 Summer Internship in Real Estate Development

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Second Year

First Semester

- 3 - C S M 866 Contractor Role in Development
 - 3 - FIN 617 Real Estate Finance
 - 3 - LAW 848 Law for Real Estate Professionals
 - 3 - RED 803 Public-Private Partnership Dev.
 - 1 - RED 810 Real Estate Seminar Roundtable
-
- 13

Second Semester

- 3 - C S M 862 Personnel Management and Negotiations
 - 3 - RED 804 Practicum in Master Planned/Resort Communities
 - 3 - RED 805 Practicum in Commercial Dev.
 - 3 - Elective
-
- 12

RHETORICS, COMMUNICATION, AND INFORMATION DESIGN

Doctor of Philosophy

The PhD program in Rhetorics, Communication, and Information Design features an interdisciplinary curriculum developed by faculty from Art, Communication Studies, and English. The curriculum provides a solid foundation in theory in addition to extensive training in research and practice.

Candidates for the PhD degree must complete 36 hours of graduate credit, including five required core courses (RCID 801, 802, 803, 804, 805), five cognate courses in a specialization, and six credit hours of studio research or applied project work (RCID 880). Candidates must also pass a comprehensive exam and write a dissertation.

Admission Requirements

Students admitted to the PhD program in Rhetorics, Communication, and Information Design must meet the following minimum requirements:

1. Minimum combined score of 1000 on the two objective sections (verbal and quantitative) of the Graduate Record Examination (GRE) and a minimum score of 4 on the analytical writing section. (GRE scores more than five years old relative to the date of initial enrollment will not be accepted.) Because of the strong communication component of the PhD program, non-native speakers of English must have a minimum TOEFL score of 550 (paper version) or 213 (computer version) in addition to the GRE scores.
2. Master's degree in Communication Studies, English, Art, Professional Communication, or other related field. A student with a master's degree in another field of study may apply to the program with the understanding that he/she may be required to complete prerequisite, master's-level courses in professional communication prior to full admission to the PhD program.
3. Minimum grade-point ratio of 3.5 in previous graduate work. The student must submit all transcripts of previous graduate and undergraduate work.
4. International students seeking graduate teaching assistantships, whose native language is not English and whose secondary education (and beyond) was

not taught fully in English, must pass the SPEAK test of proficiency in spoken English. Specialists in English as a Second Language administer this test at Clemson University. Prospective international teaching assistants will also undergo an interview during which their proficiency in spoken English will be evaluated by faculty members in the RCID program.

In addition, the student must submit the following:

1. Portfolio of previous graduate work, including a writing sample, preferably a sole-authored paper submitted in a graduate class
2. Personal statement addressing the student's interest and intent in pursuing the PhD in Rhetorics, Communication, and Information Design
3. Minimum of three letters of reference from academic sources
4. Completed admission form to Clemson University

VISUAL ARTS

Master of Fine Arts

The Master of Fine Arts degree is the terminal degree in the visual arts. Clemson University's program offers concentrations in the studio areas of drawing, painting, printmaking, ceramics, photography, and sculpture. Interdisciplinary and collaborative projects are encouraged within the department. The primary goal of the program is to provide students opportunities to develop a high degree of professional competence in their chosen area of concentration.

Admission Requirements

The Master of Fine Arts degree program in Visual Arts admits a limited number of talented and creative candidates on a competitive basis upon review of the following materials:

1. Bachelor's degree from an accredited college or university with a major in Visual Arts. Especially well-qualified persons from other disciplines or degree backgrounds with exceptionally strong portfolios may be accepted.
2. Minimum grade-point ratio of 3.0 on the last 60 major credit hours of undergraduate work
3. Portfolio documentation of the applicant's creative work. The portfolio should include 15–20 works, the majority of which represent the applicant's chosen field of study and should consist of 20 slides with an accompanying listing of the slides identifying size of work and media used. Supplemental materials such as photographs or digital prints of the artwork may also be included. The portfolio is reviewed by the Admissions Committee, composed of members of the faculty of the Department of Art. Applicants are also encouraged to arrange for a campus interview before or during the application process.
4. Three letters of recommendation from major professors, producing artists, or professional acquaintances who are familiar with the applicant's work and development in the visual arts

5. A one to two-page artist statement that provides insight into the development of the work completed to date. The statement should address ideas relative to form and content.

6. Statement of intent regarding applicant's interest in pursuing the graduate degree

7. No GRE is required.

Requirements for Degree Candidacy

The prospective candidate must have a review of his/her work at the end of each semester. It will be determined at this time if the student should continue or whether additional study is required at either the undergraduate or graduate level. Upon completion of 30 hours, the candidate must pass an oral review to determine readiness for thesis work. A Graduate Thesis Committee will be assigned at this time to assist the thesis development and concluding thesis exhibition.

The candidate must complete 30 hours and a full-time residency during the second year of study.

Requirements for Awarding of a Degree

1. A minimum of 45 credit hours with a B average or better in the student's professional curriculum, including 36 hours of ART 600- and 800-level studio courses and nine hours of A A H 600- and 800-level history of art and
2. A 15-credit-hour thesis culminating in satisfactory completion of a written documentary of the "thesis exhibition" and an oral examination by the graduate faculty