



2015
LANDSCAPE ARCHITECTURE
the university of tennessee, knoxville



August 1, 2014

Dear Prospective Student,

Thank you for your interest in the Graduate Landscape Architecture Program at the University of Tennessee, Knoxville. We are an accredited graduate program offering first professional and post-professional degrees, and we are now accepting applications for fall 2015 enrollment. The review of applications begins on February 1, 2015. Qualified applicants will be notified of their admission throughout the spring.

Our program is made possible through a unique partnership between the College of Architecture and Design and the College of Agricultural Sciences and Natural Resources. Building upon this interdisciplinary foundation, the program draws upon the expertise of an award-winning, interdisciplinary faculty, the excellent facilities and resources of the colleges, university, city, and region, and relationships cultivated between various colleges and organizations on- and off-campus. This ever-expanding network allows us to deliver a design-centered education that synthesizes the knowledge and intelligence of applied arts and applied sciences to provide students with a way of approaching the design, planning, and management of the contemporary landscape that is integrative, creative, and catalytic.

We are seeking students with a strong work ethic that are ambitious, curious, and driven, who see the potentials offered by a degree in landscape architecture to change the world. No background in art, ecology, or design is necessary to be accepted or to excel in our program – just determination and an open mind. Students come to our program from diverse undergraduate degree programs such as Communications, Literature, Sustainability, Biology, Plant Science, Music, and Economics to name just a few. We believe that this disciplinary diversity contributes greatly to our multiple-intelligence approach to engaging the landscape, and we are continuously looking for ways to hybridize landscape architecture with other forms of knowledge as a way to expand the scope and potential of the discipline.

The program maintains a strong tradition of merit-based financial assistance to qualified enrollees and students. Historically, approximately 1/3 of students in our program receive merit-based financial assistance during the course of an academic year. In the 2013-2014 academic year, more than 50% of all students in the program, and over 75% of our incoming class received some level of financial assistance from the UT Graduate School, our partner colleges, or the Landscape Architecture Program. Completed applications must be received on or before February 1, 2015 in order to receive full consideration of merit-based financial assistance from the UT Graduate School and the program.

Enclosed in this packet you will find examples of student work in addition to detailed information about our program, our degree offerings and the application and admission process. Because assembling the required application materials can take significant time, it is important that interested students express their intention to apply to the program as early as possible.

Interested students are also strongly encouraged to schedule on-campus visits throughout the fall or spring semesters. Appointments can be scheduled Wednesday or Friday afternoons by contacting us at larchinfo@utk.edu. Campus visits allow applicants to see design education in a studio setting, meet students, faculty, and staff, and ask directed questions about the program. We also invite you to learn more about the program at the College of Architecture and Design's Graduate Open House on November 1, 2014. Please visit our website for more details.

We encourage you to take time to explore this packet as well as our program's web-based information. We are online at <http://archdesign.utk.edu/academics/graduate-landscape-architecture/>. You can also find us on Facebook by searching "University of Tennessee Landscape Architecture Program." Here you will find up-to-date information about the activities of our faculty, students, and alumni, as well as examples of our exceptional student and faculty work.

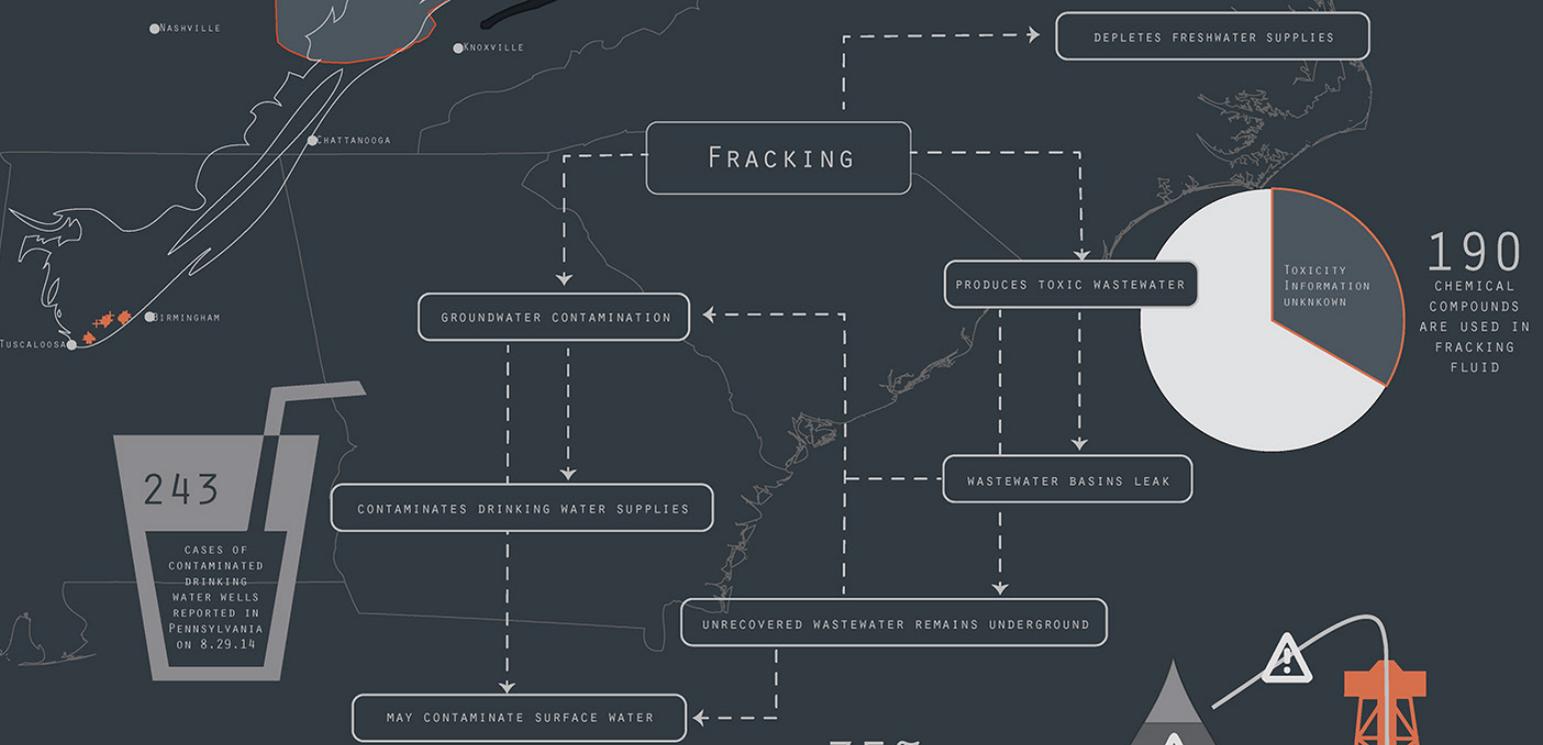
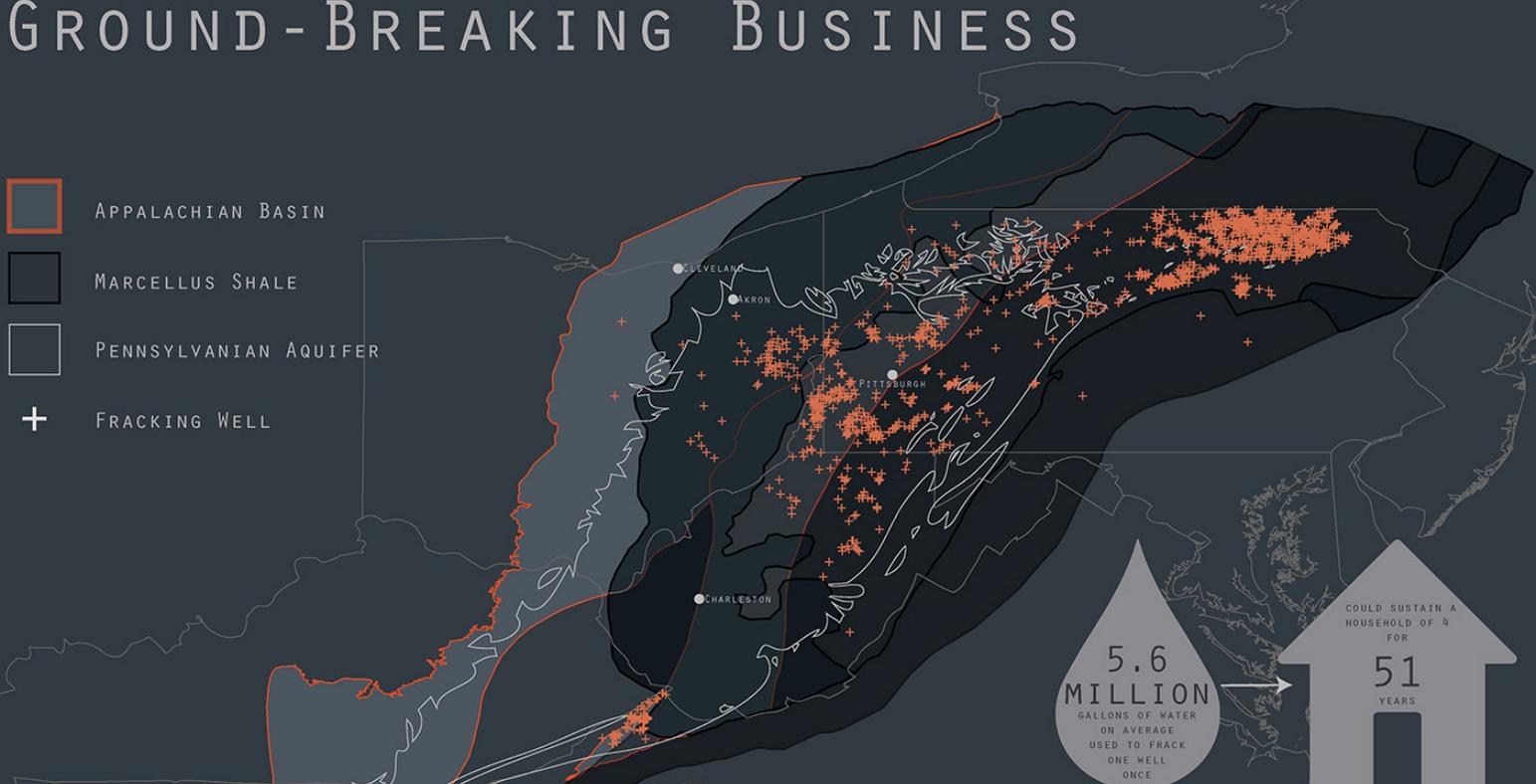
In addition to the information sources listed above, you may also contact us directly at larchinfo@utk.edu, and we will be happy to answer your questions. We look forward to hearing from you.



Gale Fulton
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Graduate Landscape Architecture Program
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GROUND-BREAKING BUSINESS

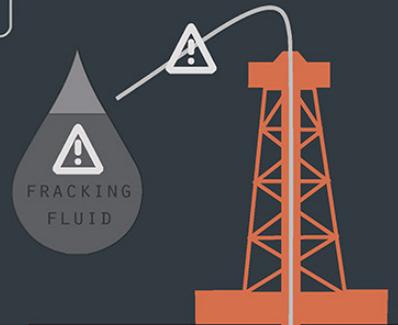
- APPALACHIAN BASIN
- MARCELLUS SHALE
- PENNSYLVANIAN AQUIFER
- + FRACKING WELL



HYDRAULIC FRACTURING (AKA "FRACKING") FOR NATURAL GAS AS AN ENERGY SOURCE IS BECOMING HIGHLY PREVALENT IN THE UNITED STATES. SINCE 2005, APPROXIMATELY 82,000 WELLS HAVE BEEN DRILLED, 22,326 OF THEM IN 2012 ALONE. THE PRIMARY CONCENTRATION OF FRACKING WELLS IN THE U.S. IS OVER THE MARCELLUS SHALE, WHICH LIES UNDER MUCH OF PENNSYLVANIA AND WEST VIRGINIA, AS WELL AS PARTS OF VIRGINIA, MARYLAND, NEW YORK, AND OHIO.

IN THE PAST DECADE, THERE HAVE BEEN INCIDENTS OF DRINKING WATER CONTAMINATED WITH NOXIOUS CHEMICALS SUCH AS BENZENE AND METHANE. THESE CAN LEAD TO SERIOUS HEALTH EFFECTS INCLUDING NEUROLOGICAL DISORDERS, ORGAN FAILURE, AND CANCERS. SOME EVIDENCE SUGGESTS THAT THE SOURCE OF THIS CONTAMINATION IS FRACKING FLUID, WHICH CONTAINS THESE TYPES OF CHEMICALS (THOUGH ALL THE CHEMICALS USED ARE UNKNOWN) ALONG WITH SEDIMENT TO BREAK UP THE SHALE THAT CONTAINS NATURAL GAS. FRACTURES IN THE SEDIMENT LAYERS SURROUNDING THE SHALE MAY REACH INTO ADJACENT AQUIFERS, ALLOWING THESE HARMFUL CHEMICALS TO REACH THE GROUNDWATER. DIRECTLY BELOW APPALACHIAN AND MARCELLUS SHALE DEPOSITS LIES THE PENNSYLVANIAN AQUIFER, A SOURCE OF GROUNDWATER FOR STATES FROM PENNSYLVANIA TO ALABAMA, INCLUDING TENNESSEE. ABOVE THIS AQUIFER ALONE ARE NEARLY 3,000 FRACKING WELLS.

75% OF FRACKING FLUID REMAINS UNDERGROUND AFTER FRACKING A WELL



Students work across a wide range of scales and project types in order to prepare them for the rigors of contemporary landscape architectural practice. Image from LAR 551, Fall 2014.



This Package Contains

*Landscape Architecture and Career Development
Knoxville, TN, and Around the Region
Program Overview
Curriculum Overview
College of Architecture and Design Summer Program
Financial Aid Information
Application Checklist*

To Contact the Program:

*Web Information:
College of Architecture and Design
www.archdesign.utk.edu/
Landscape Architecture Program
<http://archdesign.utk.edu/academics/graduate-landscape-architecture/>*

*Program Contact:
Gale Fulton, ASLA
Landscape Architecture Program Chair*

*College of Architecture and Design
University of Tennessee at Knoxville
1715 Volunteer Boulevard
Knoxville, TN 37996*

*Program e-mail:
larchinfo@utk.edu*

*College of Architecture and Design Main Office Phone:
865-974-5253*

*GRE + TOEFL:
UT institutional code 1843
send scores to UT Graduate School*



Student life in the UTLA program is intense, exciting, fluid, and fun. The UT ASLA student group coordinates events throughout the year including an annual tailgate; the Church Lecture Series brings world-renowned designers, scholars, and theorists to the school; and CoAD and CASNR led study abroad and mini-tours travel to historical and contemporary landscapes around the world.



What is Landscape Architecture?

LANDSCAPE ARCHITECTURE + CAREER DEVELOPMENT

The profession of landscape architecture integrates both applied arts and applied sciences. It is a profession that plans, designs, and manages our environments. Landscape architecture has strong historical roots in the United States, and early examples, such as Monticello and Mount Vernon, are still much admired. The term landscape architecture became common after 1863 when Frederick Law Olmsted and Calvert Vaux used the term in relation to their design of New York's Central Park.

Today, landscape architects deal with the increasingly complex relationships between the built and natural environments. Landscape architects plan and design:

- traditional places such as parks, residential developments, campuses, and gardens
- institutional centers, and waterfront developments
- the restoration of natural places disturbed by humans such as wetlands, stream corridors, brownfields and grayfields, mined areas, and forested land
- preservation planning projects for national, regional, and local historic sites

Collaborating with architects, city planners, civil engineers and other professionals, landscape architects play a vital role in environmental protection by designing and implementing projects that respect both the needs of people and of our environment.

Careers

Landscape architecture is a dynamic profession, offering career opportunities in the:

Private sector

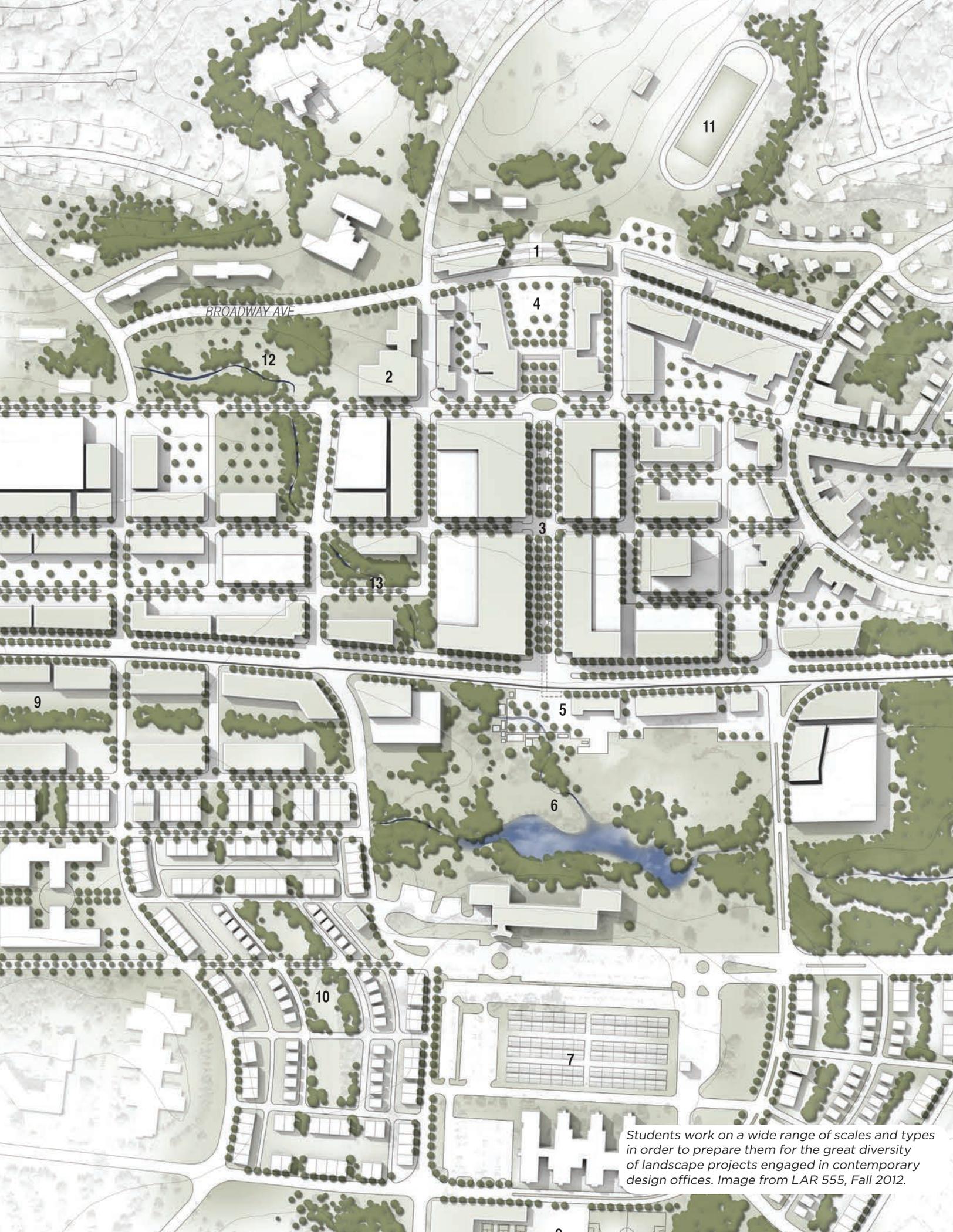
- within landscape architectural, engineering, architectural, and planning firms
- private corporations that manage their own physical facilities or offer products and services related to land planning, development, and design implementation,

Public sector

- state and local governments
- federal, state, regional, and municipal agencies involved in physical facilities management and land planning, development, and preservation, including the U.S. Forest Service, National Park Service, Tennessee Valley Authority, Soil Conservation Service, Bureau of Land Management, U.S. Army Corps of Engineers, Department of Transportation, Veteran's Administration, and others

Academic institutions

- to teach and conduct research in professional programs offered by colleges and universities
- on faculties in departments of architecture, art, planning and other related fields
- to teach in continuing education and extension programs



Students work on a wide range of scales and types in order to prepare them for the great diversity of landscape projects engaged in contemporary design offices. Image from LAR 555, Fall 2012.

*LARE
Landscape Architecture
Registration Exam*

The Landscape Architecture Registration Exam (LARE) is developed and administered by the Council of Landscape Architecture Registration Boards (CLARB). Even though different states have different licensure laws, the LARE is a single national exam recognized by all states. Every CLARB member board requires interns to pass the LARE. The LARE is administered on a year-round calendar and consists of five sections:

- Project and Construction Administration
- Inventory, Analysis and Program Development
- Design and Construction Documentation
- Site Design
- Grading, Drainage and Stormwater Management

In many states licensure candidates may retake exam sections as many times as necessary to achieve a passing score; however, some boards do limit the number of retakes. Some states, such as California and Florida, require that candidates take a sixth, state-specific exam in order to attain licensure in that state. Licensure requirements should be verified with the respective member board.

*Sources for Prospective
Students in Landscape
Architecture & Career
Information*

American Society of Landscape Architects (ASLA)
<http://www.asla.org>

ASLA links page (very good resource)
<http://www.asla.org/nonmembers/links.htm>

LAND online (Landscape Architecture News Digest)
<http://www.asla.org/land/>

ASLA student page
<http://www.asla.org/epicenter/>

Career Discovery @ ASLA
<http://www.asla.org/nonmembers/recruitment/recruitment.html>

Professional licensure information page
http://www.asla.org/members/govtaffairs/licensure/licensure_toc2.html

ASLA Salary Graduate Survey current survey available on ASLA page

Council of Landscape Architecture Registration Board (CLARB)
professional registration exam <http://www.clarb.org/>

Related Professional Organizations

American Institute of Architects (AIA) <http://www.aia.org/>
American Planning Association (APA) <http://www.planning.org/>

Educational Organizations

Council of Landscape Educators (CELA) <http://www.thecela.org/>

gateway . arrival . threshold . portal . boundary . passage

For centuries, travelers have entered into the city of Rome through Porta del Popolo, into Piazza del Popolo. Upon compression of Via Flaminia, visitors from the North are compressed and channeled into the monolithic gate, Porta del Popolo, which was just one of the many entrances into city limits of Rome through the Aurelian Walls. Travelers by sea were received just West of the gate in a small plaza which connected to Via Lusa di Salaria. The street takes the travelers down a procession, compresses them into the Porta del Popolo's stone monolithic structure and then provides a bit of relief as one passes by the Santa Maria del Popolo on the left and finally released into the majestic open space of Piazza del Popolo. If traveling now, one can arrive by Airplane, train, bus, Metro, automobile, bike, or foot, therefore the Porta del Popolo is less significant than it once was as a gateway into a new space. As one moves from the historic center of Rome, down the compressed bustling streets filled with shopping and pedestrians turning here and there, the feeling of chaos fills the air. Once one moves from the three axial streets from the South, they are instantly released into the open Piazza that expands liberally to allow for the crowd to diverge and spread out for their activities. Compression and expansion are a very important part to the feeling of the various thresholds of the site which delineate that one has entered a new space.



Entrances into the Aurelian Walls - City limits of Rome

ROME, ITALY

PIAZZA DEL POPOLO



PIAZZA DEL POPOLO - 1748

At this time, the Piazza was a long conical shape which funneled people into the city. At this time, the two churches Santa Maria del Miracoli and Santa Maria di Montesanto were built defining an symmetrical view toward Piazza Venezia.

TIMELINE OF EVENTS

1500's - Pope Sixtus developed cohesive street plans of Rome

1655 - Porta del Popolo was redesigned by Bernini for the arrival of Queen Christina of Sweden to Rome for her abdication

1656 - Re-organization of Piazza del Popolo began

1660 - Carlo Rainaldi commissioned for Santa Maria del Miracoli and Santa Maria di Montesanto

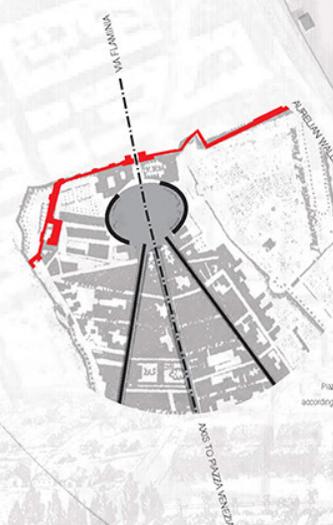
1679 - Churches completed

1811 - Giuseppe Valadier designed the Piazza del Popolo



1830 - Piazza complete

Subsequently, the design has remained nearly untouched aside from repairs. T



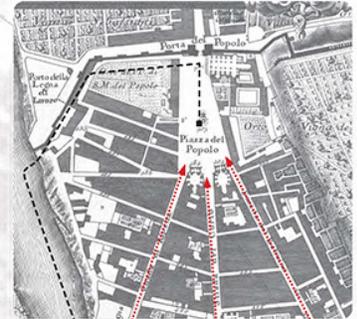
PIAZZA DEL POPOLO - 1844

After the decision to reorganize the Piazza, buildings were razed, walls were built according to the design of Giuseppe Valadier.



Visitors to Rome often came from the northern cities by water transportation in the early 1800s. Travelers were directed down Via Flaminia which is on axis with the Porta del Popolo leading into the city limits of Rome.

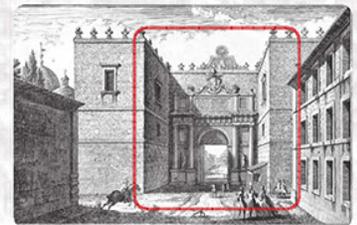
"Nothing in Piazza del Popolo gives the magnificent impression of Rome better than this initial view, which strikes the visitor at the moment of arrival."
Charles de Brosses, *Lettres Familiales ecrites d'Italie en 1739 et 1740*



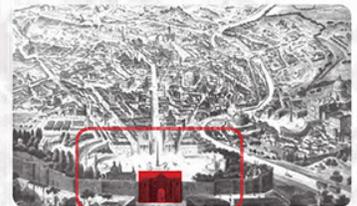
Giovanni Battista Nolli - Plan of Rome 1748

The RED dotted lines represent the pedestrian foot traffic toward the Piazza del Popolo. While, the BLACK dashed lines represent the FORMAL entry into ROME. Porta del Popolo was used as the "entry into Rome" until the 19th century when arriving by sea.

PORTA FLAMINIA (LATER KNOWN AS PORTA DEL POPOLO)



Giuseppe Vasi - Porta Flaminia 1761



Giovanni Brzezghel - Panorama Di Roma 1871



PIAZZA DEL POPOLO - Birds Eye View of Rome 2013

Presently, the Porta del Popolo is used by many as an entrance into the Piazza del Popolo. As noted on the plan, a frequently used Metro stop located just North of the gate.

Students look to prototypes and precedents from across time and space in order to find relationships and develop new ones on their way to creating innovative solutions. Image from LAR 555, Fall 2013.

PROGRAM OVERVIEW

Our Mission & Values

At the University of Tennessee, Knoxville, we believe that the role of landscape architecture is to steward our natural resources and integrate the experience and performance of natural and constructed place into the design of healthy communities and memorable landscapes.

As a partnership between the College of Architecture and Design and the College of Agricultural Sciences and Natural Resources, the Landscape Architecture Program at The University of Tennessee, Knoxville, offers a dynamic educational and research environment that positions its students and faculty to address contemporary issues facing landscapes and communities of our region, our state and those posed to the broader profession of landscape architecture. We accomplish this by committing ourselves to:

- Educate students through a design-centered, intercollegiate curriculum, preparing them to be leaders as landscape architectural professionals and researchers
- Create an environment of cultural and intellectual diversity
- Promote an ethic of environmental and cultural stewardship, sustainable practice and critical thinking as a means to achieve exemplary research, planning, design and management of developed and naturally occurring landscapes
- Enhance public health, safety and welfare in Tennessee and beyond
- Advance the professional and disciplinary knowledge of landscape architecture

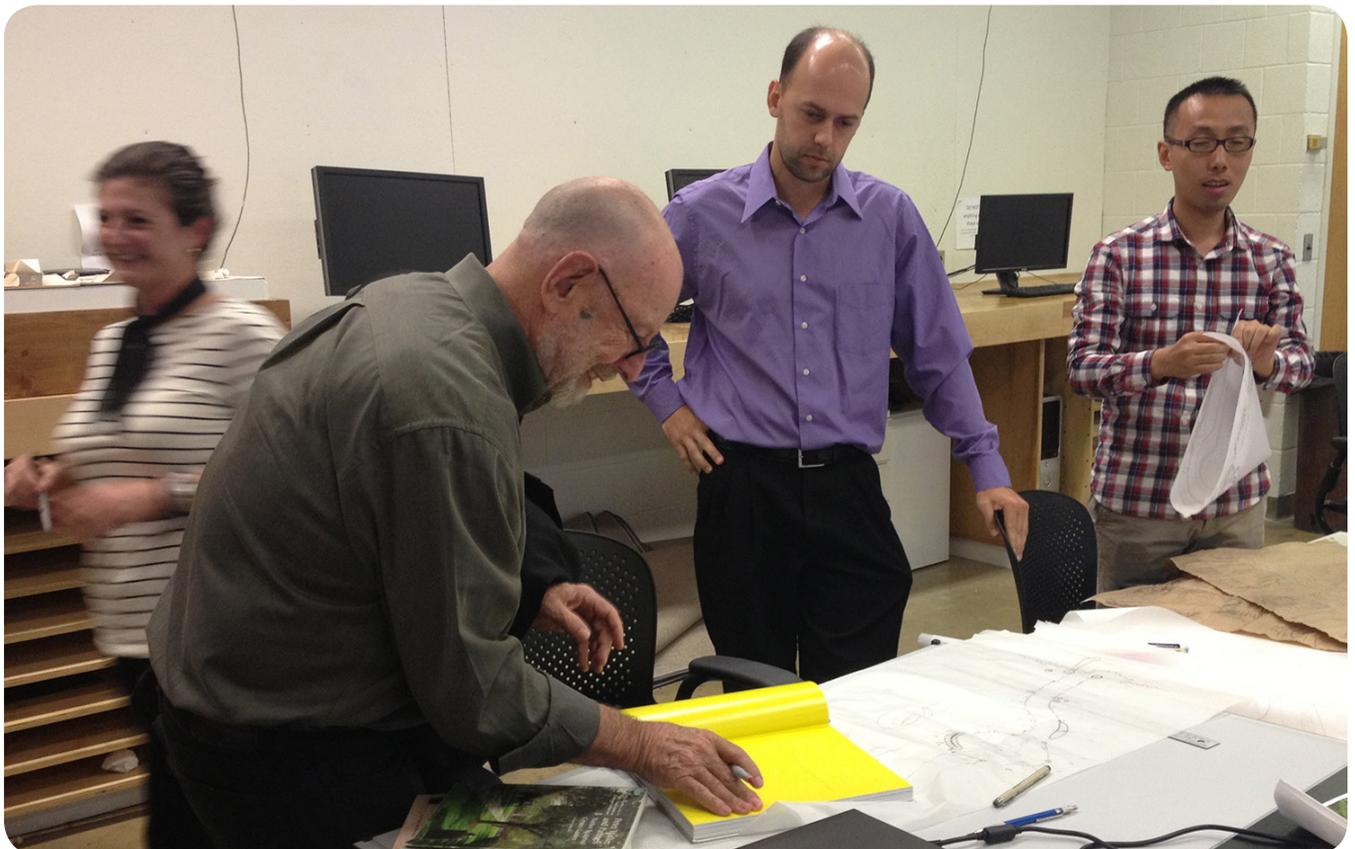
Our Program

The Landscape Architecture Program is offered through a partnership between the College of Architecture and Design and the College of Agricultural Sciences and Natural Resources. The program offers accredited first-professional and post-professional masters degrees and is distinguished by:

- A commitment to sustainable landscapes, cities, and communities
- Faculty members who share an approach to design based on a profound respect for the character of local conditions, regional diversity, the ethic of land stewardship, and collaborative learning
- A proven faculty with recognized strengths in emerging areas of research and practice that advance design knowledge
- Studio engagement with relevant social and community issues to improve and offer service to our world
- Nationally recognized facilities and outreach programs
- An active educational community that promotes creative intellectual dialogues between academics, professionals, + citizens



As an intercollegiate program built on a foundation of collaboration, critique and iteration, students discuss their work with faculty from a range of disciplines including architecture, urban design, and horticulture. Additionally, students are able to learn from crit sessions with visiting lecturers such as Peter Walker shown below in Fall 2013.



*Intercollegiate &
Interdisciplinary
Education*

At UT, you have the opportunity to study landscape architecture design in an innovative and exciting interdisciplinary degree program that utilizes the strengths and expertise of the College of Architecture and Design, the College of Agricultural Sciences and Natural Resources, and related colleges and disciplines. This enables students to build an educational experience that critically addresses design, sustainable practices and ethical stewardship of conserved, rural, and urbanized landscapes.

The program fosters community partnerships while providing educational, technical, and cultural support to increase the livability of communities. These partnerships with local and regional industries and governments include the Tennessee Valley Authority, National Park System, Department of Energy, Tennessee Department of Transportation, and the U.S. Forest Service.

*Educational & Physical
Environment*

Knoxville and the state of Tennessee serve as a laboratory for design students at UT, offering opportunities to explore regionally relevant approaches to sustainable civic, urban, and landscape design, and stewardship of urban, suburban, rural, restored, preserved, and managed landscapes.

Related Links

The University of Tennessee, Knoxville <http://www.utk.edu/knoxville/>

Landscape Architecture Program

<http://www.arch.utk.edu/grad-land/index.html>

<http://www.facebook.com/pages/University-of-Tennessee-Landscape-Architecture-Program/172358229503665>

UT College of Architecture and Design (CoAD)

www.arch.utk.edu/

UT Landscape Design Concentration, Plant Sciences Department

<http://plantsciences.utk.edu/landscape/default.html>, <http://plantsciences.utk.edu/>

UT College of Agriculture and Natural Resources (CASNR)

<http://casnr.tennessee.edu/>

Great Smoky Mountain Park

<http://www.nps.gov/grsm/>

UT Gardens

<http://utgardens.tennessee.edu>



Knoxville & the Region

"I have always loved this place in the foothills of Tennessee, and I doubt if I have ever enjoyed any of my work more."

- Jens Jensen, Landscape Architect, 1860-1951

Knoxville, Tennessee, nestled in the Great Valley between the Appalachian Mountains and Cumberland Plateau, is a city that has something for everyone, from the cosmopolitan urbanite to the most rugged outdoor enthusiast, and everyone in between. From reinvigorated main streets and historic neighborhoods to bustling suburbs and quaint rural communities, there is a lifestyle that is sure to suit you. But as unassuming and humble as it may be, Knoxville boasts all the conveniences one might expect from a major metropolitan city delivered with the comfortable charm of a hospitable Southern town. Knoxville rewards those seeking both authentic Southern comfort food and fine international dining. Symphonic harmonies waltz off the grand stage of the Tennessee Theater and mingle with the casual picking of a busker loitering at a street corner in the Old City. The bustle between galleries and wine tastings during a First Friday Art Walk give way to Saturday morning strolls between farmer's market vendors dotting over their picks of the week.

Knoxville's charm doesn't stop at table cloths, playbills, and gallery-hops. There's grit under Knoxville's fingernails, and it comes from a love affair with the outdoors and a spirit of adventure that is fueled by the iconic landscapes that surround it. Tennessee's third largest city boasts an urban wilderness so intertwined with the metropolitan area that it's difficult to know where the city ends and the country begins. Less than an hour's drive from campus is the Great Smoky Mountains National Park, a NATO International Biosphere Reserve and the nation's most-visited park. Norris Lake's miles of wandering coves and shoreline await enthusiasts behind the Tennessee Valley Authority's first hydroelectric dam only half an hour to the north. Awe-inspiring caverns, rolling hills and mountain-top meadows, spring-fed streams, rivers, and reservoirs all await hikers and bikers on the region's countless miles of greenways, nature trails, and blueways.

Just in case that isn't enough to satisfy your appetite for culture and adventure, Atlanta, GA, Nashville, TN, Charlotte, NC, Cincinnati, OH, are all less than a tank of gas away.

*The University of
Tennessee, Knoxville*

The University of Tennessee, Knoxville, the state's flagship university and land grant institution, is home to more than 27,000 aspiring scholars - 21,000 undergraduate and 6,000 graduate - studying in over 300 degree programs housed in 11 colleges. As the state's largest public research institution, the 500+ acre urban campus hosts a diverse academic community and tradition of excellence that will ready you for the world.

One can't walk across campus without seeing evidence of the University's commitment to becoming a top 25 public research institution by offering a student life experience that is second to none. All students enjoy access to top-flight recreation facilities, a University center that is undergoing a \$100 million renovation, and countless other amenities across our campus environment.

The University of Tennessee is the capitol of Big Orange Country, where major athletic programs compete on national stages in the most exciting conference in the country—the South Eastern Conference. It's just one more opportunity for students to have a well-rounded live-work-play experience while enrolled here at The University of Tennessee.



Optional study abroad trips allow students to immerse themselves in foreign cultures, landscapes, and urban centers. This image was taken during the Summer 2014 trip to the United Kingdom.

*Goals in Landscape
Architecture Education*

Students must have an understanding of design, human cultures, the arts, and humanities, as well as a basic technical understanding of plant materials, construction, public infrastructure, and planning. Skills in both visual and verbal communication are essential. While knowledge and skills may be developed, design is ultimately a process of critical thinking, analysis, and creative activity. The best way to prepare students to address the challenges facing the profession of landscape architecture is with a well-rounded education which establishes a foundation for life-long learning.

*Degrees:
First Professional*

Most states require that those seeking or holding licensure as a landscape architect hold an accredited professional degree, either a Bachelor of Landscape Architecture or a Master of Landscape Architecture. The Landscape Architecture Accreditation Board (LAAB) accredits professional degrees. All aspiring landscape architects must pass the Landscape Architecture Registration Exam (LARE), following an internship under the direction of a licensed landscape architect. Nationwide, three types of programs lead to an accredited, first professional degree:

- *Bachelor of Landscape Architecture (BLA)*
- *Bachelor of Science in Landscape Architecture (BSLA)* These undergraduate degree programs usually require four or five years of study in design, construction techniques, art, history, natural and social sciences.
- *Master of Landscape Architecture (MLA_1)* This degree is for individuals holding an undergraduate degree in a field other than landscape architecture, and intend to become landscape architecture professionals. The MLA_1 can usually be earned in three years of full-time study. Students with undergraduate degrees in landscape design, architecture, or other design fields can apply for advanced standing, which may reduce the time of study by up to one year.

*Degrees:
Landscape Architectural
Studies*

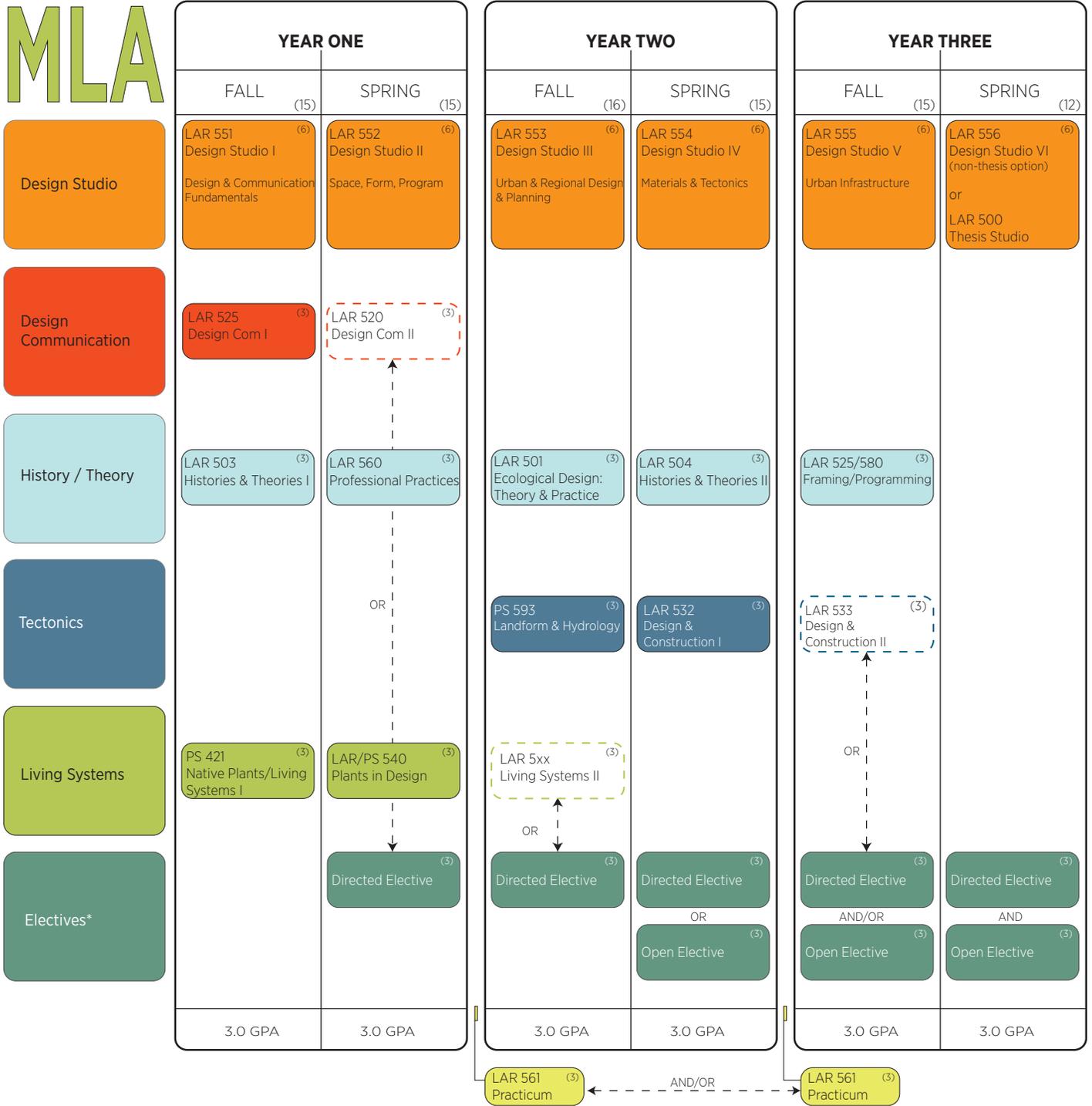
- *Master of Landscape Architecture (MLA_2)* is a second professional degree for persons who hold an undergraduate professional degree in landscape architecture and wish to pursue specialized studies. The MLA_2 degree normally requires about 18 months to complete.
- *MA/MS in Landscape Architecture* is a degree for persons who want to conduct research in landscape architecture, but do not seek to be registered professional practitioners.
- These degrees in landscape architecture studies are useful for those who wish to have a foundation in the field of landscape architecture, wish to pursue career paths in the profession that do not require licensure, or to support employment options in related fields.

Degrees at UT

The Landscape Architecture Program at the University of Tennessee, Knoxville, offers all three masters level degrees including an accredited first professional Master of Landscape Architecture (MLA_1). The UT Landscape Architecture Program is the only landscape architecture program in the state of Tennessee approved by the Tennessee Higher Education Commission and accredited by the Landscape Architecture Accreditation Board.

MASTER OF LANDSCAPE ARCHITECTURE (Professional Degree Track) 2014-2015

MLA



UTLA students work through a flexible curriculum designed to give them the critical skills required to become effective practitioners while also developing specialist knowledge and expertise in areas such as water resources, digital design and communication, low-impact development, ecological design, construction management and more. Faculty advisors work closely with students throughout their degree program to ensure they are getting the maximum advantage possible from their education. Full-scale curriculum diagrams can be downloaded from our website here: <http://archdesign.utk.edu/academics/graduate-landscape-architecture/curriculum/>

*UT Landscape
Architecture Program*

The Degrees

*Curriculum Overview
MLA I*

*Curriculum Overview
MLA II | MALA | MSLA*

CURRICULUM OVERVIEW

The UT Landscape Architecture Program offers three degrees distinguished by the career focus of the degree, length of study required, and by the nature of each degree's thesis.

The MLA_1 is an accredited first professional degree that qualifies the graduate to sit for the Landscape Architecture Registration Exam (LARE) in the USA and to pursue a career as a licensed Landscape Architect.

The MLA_2, MALA, and MSLA are research-oriented graduate degrees that either offer students with professional degrees opportunity for focused study (MLA_2), or, prepare students with no previous formal study in landscape architecture to pursue research or other career paths related to landscape architecture that do not require professional licensure (MALA, MSLA).

Accredited Professional Degree: The MLA_1 curriculum (see facing page) is a three year course of study that offers a balanced education across the applied art and applied sciences of landscape architecture by leveraging faculty expertise, facilities, and research networks in both the College of Architecture and Design and the College of Agricultural Sciences and Natural Resources. Studio based-design studies is emphasized throughout all three years of the degree program. The specialization and thesis sequence within the MLA_1 curriculum affords all students the opportunity to explore elective coursework within the program, partner Colleges, and broader University as they develop an area of research focus within the profession of landscape architecture,. The curriculum culminates with a self-directed thesis project.

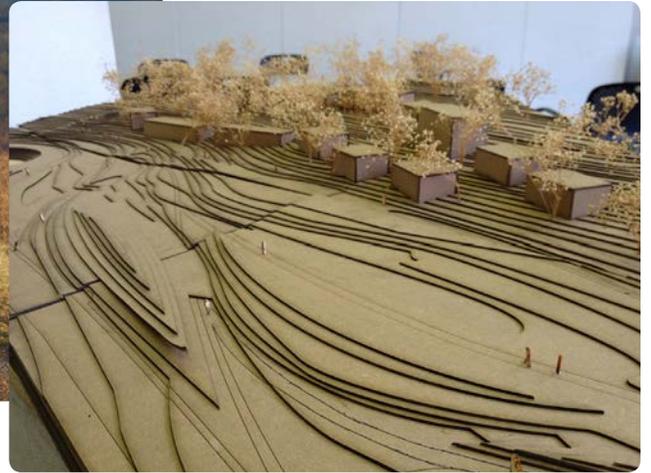
Applicants with major or minors in landscape design, or a degree in a related design field such as architecture or urban design may apply for advanced standing. Advanced standing is considered on a case-by-case basis. No more than 30 hours of advanced standing credit may be granted. Students with undergraduate backgrounds in studio-based design education and approved portfolios may also be exempt from the summer program (see p21).

Typical career paths for students with the MLA_1 degree include working in private or public practice for landscape architecture firms, landscape architecture units within architecture and engineering firms, federal, regional, state and municipal government agencies, universities and colleges requiring professional licensure.

Research Degrees: Research-oriented degrees offer students with a professional degree in landscape architecture the opportunity for further specialized study (MLA_2) or prepare students with no previous formal study in landscape architecture to pursue specialized research or other career paths related to landscape architecture that do not require professional licensure (MALA, MSLA).

Curriculum for students wishing to pursue research degrees is customized to suite the educational goals of each applicant. Through a collaboration with the program Chair and program faculty with expertise in areas related to the applicant's area of interest, a two-year course of study is developed that culminates in a self-directed thesis project.

Applicants interested in these research-oriented degree paths should contact the program chair in advance of the application deadline to indicate this interest, to discuss the application process, and learn of required application materials.



A design-centered curriculum investigates how design thinking can contribute to the stewardship of natural and cultural resources as well as the projection of new forms of public space, novel ecosystems, and innovative environments critical to the sustainable evolution of 21st century cities and landscapes.

FINANCIAL ASSISTANCE and FINANCIAL AID

Financial Assistance

The UT Landscape Architecture Program offers qualified students a range of merit-based financial assistance. Applicants whose applications are complete on or before February 1st will receive full consideration for the following:

Graduate Assistantships

Graduate assistantships are awarded on the basis of academic accomplishment and needs of the program. Graduate students support the program in numerous ways, including helping faculty members with course work as a graduate teaching assistant (GTA) or in support of special projects, research, and publication of scholarly and creative work as a graduate research assistant (GRA). Those receiving assistantships are expected to work in support of their respective appointment for approximately ten (10) hours a week.

Graduate assistantships include tuition and health insurance fee waivers, as well as a monthly cash stipend.

Applicants with exceptional applications may be considered for assistantship support in their first year of studies. All returning students with good academic standing are eligible for assistantship support during their second and third year of studies. Assistantships are awarded through a competitive application process in the spring of the preceding year.

Other departments and programs on campus, including our partner colleges, may also have graduate assistantship positions available. Inquiries for positions outside of the program should be directed through the UT Graduate School.

Scholarships

The College of Architecture and Design, and the College of Agriculture and Natural Resources are fortunate to have many local alumni and members of the professional community who have funded a variety of scholarships and student financial assistance packages. These are offered to qualified applicants and current students.

University Fellowships

Available through the UT Graduate School are a number of prestigious fellowships:

- Graduate Diversity Enhancement Fellowships
- Lori Mayer Re-Entry Women's Graduate Fellowships
- Herman E. Spivey Graduate Fellowship
- J. Wallace & Katie Dean Graduate Fellowship
- The Paul & Daisy Soros Fellowships for New Americans

The application deadline for these fellowships, each of which require nomination by the program, is in early March. Detailed information about these fellowships can be found at: <http://gradschool.utk.edu/fellowships.shtml>

Applicants with exceptional qualifications and who demonstrate a high capability for success in the program will be forwarded to the UT Graduate School as program nominees for these fellowships. Nominees from the LA Program have been awarded over \$60,000 in Graduate School Fellowships over the past six years, and we look to continue this tradition of success.



Sketchwork from the Summer 2014 trip to the United Kingdom.

Academic Common Market

The Academic Common Market (ACM) is an program for sharing unique programs, including graduate landscape architecture, primarily among southeastern states. Out of state applicants from participating ACM states may apply to their state education board for in-state tuition benefits while studying landscape architecture at the University of Tennessee, Knoxville, provided that equivalent masters degrees are not available in the state of residence.

Internships & Practicum

Internships and practicum experiences may be available with businesses, departments, and organizations, both on and off campus. In the past, these have included opportunities with local and national private firms, the Great Smoky Mountain National Park, Oak Ridge National Laboratory, Institute for a Secure and Sustainable Environment (ISSE), Tennessee Water Resources Research Center, Nashville Civic Design Center, and at the East Tennessee Community Design Center.

On-Campus Work Opportunities

- Federal Work-Study Program
- Tutoring opportunities, Office of Minority Student Affairs Tutorial Program
- Student worker jobs within the College of Architecture and Design
- Assistantships and part-time positions in the Department of Plant Sciences

Student Loans

The Federal Student Aid office has a variety of programs to help pay for graduate or professional education, including on-campus-based aid, Stafford Loans, and PLUS Loans for graduate or professional students. Requires Application for Federal Student Aid (FAFSA). For more information about these programs, see the Federal Student Aid Portal link below.

Financial Links

UT Graduate School
Future Graduate Students

<http://gradschool.utk.edu/FutureStudents.shtml>

- Graduate Fellowships, Assistantships, and other Funding Sources
- Office of Financial Aid and Scholarships
- Estimated Tuition and Fees
- Estimate of Expenses for Graduate International Students
- Food and Dining Plan
- Housing and Residence Life
- Health Insurance for Eligible Graduate Assistants (GAs, TAs, and GRAs)

External Financial Sites

Web sites that are external to the University of Tennessee offer information on additional types of funding.

- <http://www.college-scholarships.com>
- <http://www.scholarships.com>
- <http://www.aauw.org>
- <http://www.ed.gov/finaid/landing.html>
- <http://career.utk.edu>

Federal Student Aid Portal

Apply for federal financial aid (free) via the FAFSA form. The Financial Aid and Scholarship Matching Wizard can help you search the many scholarships available nationally and locally for the study of architecture.

- <http://studentaid.ed.gov/>

deriving an abstract form from a physical function

The Grids
 Inevitably, in creating a specific spatial form, the physical processes required by the form, the utility logic or sensory quality of material or a structure rule.

An abstracted abstraction
 Formal abstractions reveal the critical linkages of form, the utility, the materials, and the human experience of a place. Abstraction reveals the underlying logic of a form, the utility, the materials, and the human experience of a place.

Challenging Reality
 When applying the logic of abstraction to a site, the designer is often faced with the challenge of how to create a form that is both functional and expressive.

material reconfiguration + ecological evolution

The design of the US pavilion for the Venice Biennale 2010 is a case study in material reconfiguration and ecological evolution. The pavilion's structure is composed of a grid of steel beams, which are reconfigured to create a series of interconnected spaces. The design also incorporates a series of green roofs, which are designed to support a variety of plant life, including native species. The pavilion's design is a testament to the power of material reconfiguration and ecological evolution in architecture.

PEOPLE
 342
 17
 1690
 1275
 170

INFRASTRUCTURE
 4,814/45.3
 48
 1690
 1275
 170

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LAKEonomics

A little BMP to save our lakes, reservoirs, rivers and streams

Outdoor recreation is an 8.2 billion dollar industry in Tennessee with most happening within the Tennessee River watershed and the reservoirs created by the TVA system of dams. \$535 million in state and local tax dollars are generated out of activities enjoyed on these water systems. What can quickly impact this revenue and tax flow is the issue of poor water quality in the waterways. The impact of poorly maintained and impaired waters can quickly turn a thriving industry into a costly problem that is eating away at tax dollars and the ecological health of the region. One of the contributors to poor water quality in the Tennessee watershed may be attributed to poor land management practices by agricultural production. Erosion and sediment runoff can quickly begin to add pressure and create maintenance costs for dams, lakes and reservoirs within the watershed. If runoff contains toxic or pathogenic contaminants that can be harmful to wildlife and people, even greater ecological risks are present. These can lead to closing outdoor recreation facilities temporarily and long term ecological damage to the lake beds. With proper management practices such as cover crops, soil testing to reduce fertilizer needs, and better pest management practices we can help eliminate issues and preserve these beautiful and economically valuable waterways.

Average harvested acre per farm by county

+50 acres 50 - 75 75 - 100 >100 acres

8.2 Billion in consumer spending

\$535 million in state & local tax

In comparison
 Colorado 13.2 billion
 N. Carolina 19.2 billion
 Kentucky 8.4 billion

Water Quality Assessment Rivers & Streams
 42% Impaired

Causes of Impairment (Miles)

E. Coli	6,706.9
Sedimentation	5,953.3
Dissolved Oxygen	1,823.6
Nitrate/Phosphorus	2,987.5

Water Quality Assessment Lakes, Reservoirs & Ponds
 32% Impaired

Causes of Impairment (Acres of water)

PCBs	95,438.0
Dissolved Oxygen	37,978.7
Sedimentation	18,174.7
Chlordane	13,873.0

Clean Water BMP
 Economical
 Ecological
 Health

Landscape architects are increasingly looked to not only for the design of sites but for the comprehensive, systemic framing and understanding of complex landscape situations. For this reason students at UTLA are instructed in a wide range of analog and digital design techniques as well as effective visual and oral communication practices.

Accreditation

The UT Landscape Architecture Program is accredited by the Landscape Architecture Accreditation Board (LAAB).

The LAAB accredits first professional degrees. This organization is composed of representatives from the profession, from the schools of architecture, and from the student organization. The Board has established conditions and criteria for accreditation, which apply to all professional degree programs. Programs are accredited for a maximum cycle of 6 years.

Selecting a Program

More than 70 landscape architecture programs in the United States are accredited by the LAAB, and each program is remarkably different with unique missions and educational philosophies.

Some factors to consider when selecting a school include:

- program type and length of study [described above]
- institutional context [such as a large university or a small private college]
- tuition costs [public state rates or private tuition rates]
- student/faculty ratios and faculty involvement in the program
- program philosophy, emphasis, and curriculum
- internship opportunities and/or requirements
- off campus and foreign study opportunities
- facilities and resources, related to studio space, library resources, and digital support

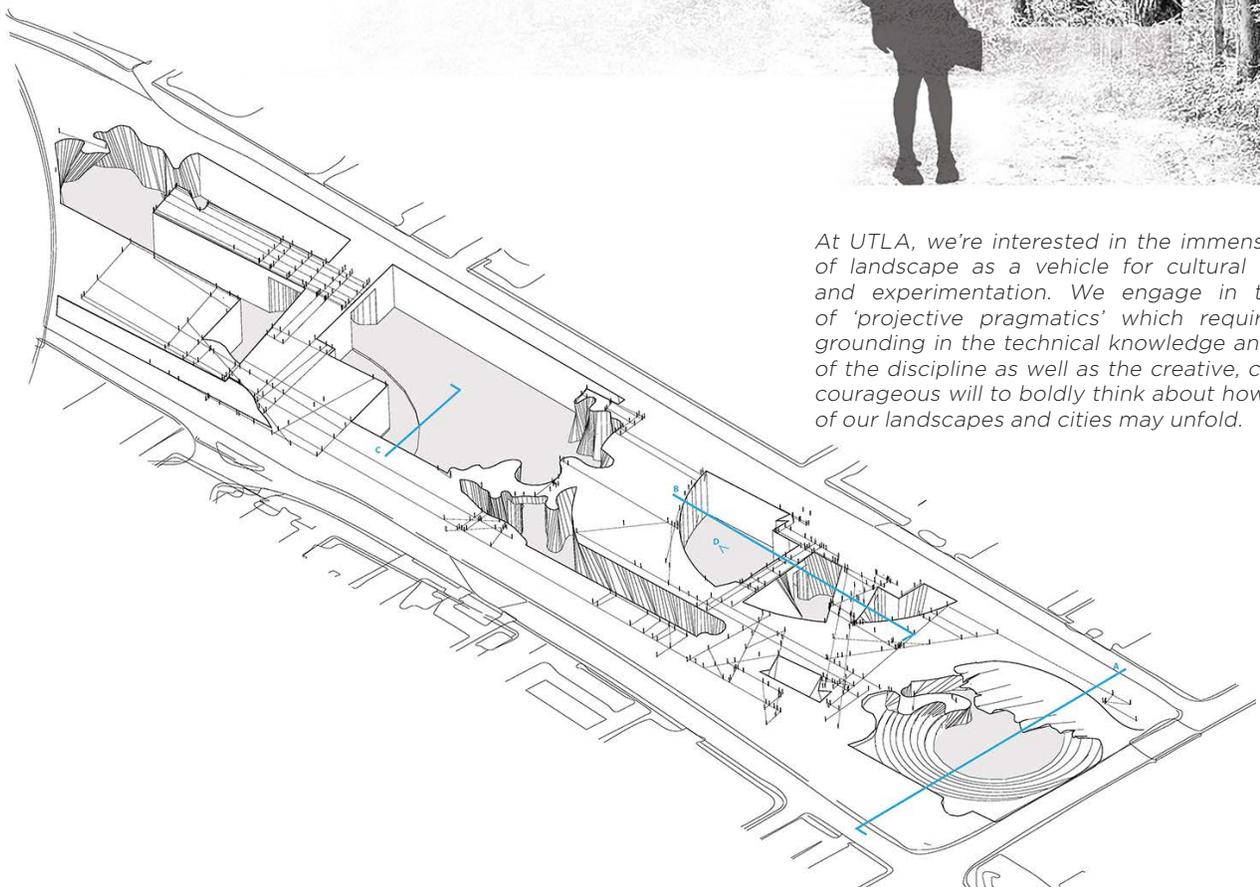
A Note to Transfers

Policies for transferring vary at all institutions and students should not assume that credit will easily transfer from one institution to another. Transfer credit is usually handled on a case-by-case basis, and transfer students should be vigilant in maintaining accurate academic records.

*Professional Internship
and Licensure*

Licensure for design professionals ensures that each licensee possesses sufficient knowledge, skill, and ability to provide landscape architectural services while protecting the health, safety, and welfare of the public.

The preparation to become a landscape architect involves academic education as well as an internship period in the profession. The length of this required internship, and other requirements vary by state. A landscape architect registers individually with each state in which he/she practices. In some states possession of a masters degree may reduce the length of internship.



At UTLA, we're interested in the immense potential of landscape as a vehicle for cultural exploration and experimentation. We engage in the pursuit of 'projective pragmatics' which requires a solid grounding in the technical knowledge and practices of the discipline as well as the creative, curious, and courageous will to boldly think about how the future of our landscapes and cities may unfold.

*UT Landscape
Architecture Program*

Before You Apply

APPLICATION CHECKLIST

All students interested in applying to the UT Landscape Architecture program are encouraged to engage the Program Chair and faculty in a dialogue prior to submitting an application. On-campus meetings, including interviews, tours, and participating in open houses, regular email correspondence, and attendance at program functions are recommended methods to gather information about the program, to demonstrate genuine interest, and to build relationships.

Application Prerequisites

- A baccalaureate degree in any field with a minimum 3.00 G.P.A (4.0 Scale)
- Twelve (12) credit hours of arts, humanities, and social science courses

Course Prerequisites

The following course work must be taken before enrollment in supported courses in the MLA curriculum. Students who have not completed course prerequisites may do so while enrolled in the UT LA program and are encouraged to apply:

- One (1) year of college-level life science (Biology, Botany, or Ecology)
- One (1) college-level course involving a general understanding of the use of computers.
- One (1) college-level math course involving an introduction to algebraic, logarithmic, exponential, and trigonometric functions.

*UT Graduate School
Online Application*

Submit through the UT Graduate School's Online Application

- Transcripts of all college and university coursework
- Resume or Curriculum Vitae
- GRE Score
- TOEFL Score (international students only)
- An essay describing interest, intent, and expectations of graduate study in Landscape Architecture at the University of Tennessee (2-3 pages).
- Three letters of recommendation, signed and on official letterhead
- A digital (PDF) portfolio of creative expression. Portfolios may be up to 20MB in size and include examples of drawing, photography, writing, and other examples of design, graphic capabilities, creativity, and craftsmanship as appropriate to the applicant's background. Applicants with undergraduate backgrounds in studio-based design education or in landscape design who wish to apply for advanced standing or seek summer program exemption must show prior design work in the portfolio.

*2014 Application
Deadlines*

February 1 for those MLA I, MLA II, MSLA, and MALA applicants seeking full consideration for all available merit-based financial assistance

April 1 for MLA I applicants without undergraduate backgrounds in studio-based design education

June 15 for MLAI applicants with undergraduate backgrounds in studio-based design education and MLA II| MALA | MSLA applicants

*Application Resources for
all prospective students*

College of Architecture and Design

<http://archdesign.utk.edu/admissions/>

UT Graduate School Online Application

<http://graduateadmissions.utk.edu/apply.shtml>

Admission Guide for Graduate International Students

<http://graduateadmissions.utk.edu/int-adm-guide.shtml>

International Student Center:

<http://international.utk.edu/iss/>

*Resources for prospective
international students*

