General Information
Reflecting Jefferson’s interest in architecture, courses in architectural drawing and construction were taught at the University as early as 1822. Students now, as then, benefit from the proximity of Jefferson’s classical structures and the availability of his plans and drawings for the University Grounds and other buildings. At the end of World War I, a formal curriculum in architecture began, and from the mid 1950s through the early 1970s the School of Architecture continued to expand its programs. Today a student may receive a baccalaureate in architectural history, urban and environmental planning, and a baccalaureate in science in architecture.

The faculty believes that each student deserves personal attention and guidance. The School of Architecture has a small, carefully selected student body. The school seeks applicants with strong academic records and demonstrated artistic creativity.

A prospective student applies to one of the three undergraduate departments, but can apply to transfer from one program to another during the first or second year.

The undergraduate program in architectural history is one of the few of its kind in the country. The program is directed toward developing knowledge and an understanding of the history of the built environment: architecture, cities, and landscapes. Opportunity is also provided for an introduction to the issues and practices of historic preservation. After attaining this degree, most graduates of this program go on to advanced degrees in architectural history, art history, architecture, landscape architecture, or planning.

The undergraduate program in architecture combines a solid humanities foundation with an emphasis on the role of architecture as cultural expression, and provides three years of studio experience in the development of architectural ideas and the design of built form. Most graduates of this program go on to advanced degrees in architecture and related fields.

The undergraduate professional program in urban and environmental planning is one of less than a dozen such programs in the nation accredited by the Planning Accreditation Board. The study of planning theory, processes, and methods is integrated with the contextual exploration of political and market forces, resource limitations, environmental concerns, and social needs. With the Bachelor of Urban and Environmental Planning degree, many graduates go directly into professional jobs with governmental agencies or private planning and development firms. Others go on to advanced degrees in planning, architecture, law, public administration, and business.

Facilities
Campbell Hall, the School of Architecture building, was completed in 1970 and is part of a complex of buildings forming a Fine Arts Center that also includes the Department of Art, the Department of Drama, and the Fiske Kimball Fine Arts Library. Campbell Hall provides well-equipped studio work areas, exhibition areas, lecture halls, and seminar rooms. The school has two computer-graphical design and computer-aided design design studios, and design laboratories with high resolution graphics. These facilities support software applications in computer-aided design, GIS digital mapping and modeling, site analysis, image processing, rendering, animation, structural analysis, lighting analysis, energy analysis, statistics, word processing, spreadsheet, and other areas. They also contain UNIX, Macintosh, and IBM computers with Internet access, and maintain digital voice and video links with other research laboratories in the United States and Europe. The design studio space has network connections for individual computers. Other research support facilities include digital modeling laboratories, a woodworking shop, and a photography darkroom.

The Fiske Kimball Fine Arts Library, a branch of the University of Virginia Library system, serves the School of Architecture, the Department of Art and Art History and the Department of Drama. The collections include 155,000 volumes, including technical reports, videos, CD-ROMs, and other electronic resources. We also have an image collection of 200,000 slides and a growing digital image collection. The collections cover all aspects related to architecture, landscape architecture, architectural history, urban and environmental planning, and the visual and performing arts. The Fine Arts Library provides patrons with access to all University Library resources, including government documents, maps, rare books and manuscripts, many other library resources, as well as a gateway to the Internet. Special emphasis is placed on teaching students and faculty to conduct research utilizing online resources. Reference services are provided to the entire University community and to practitioners throughout the Commonwealth and the nation.

Academic Information
The School of Architecture offers four undergraduate programs of instruction under Architectural History, Architecture, and Urban and Environmental Planning. Supporting course work is offered through the cooperation of departments in the College of Arts and Sciences and the Graduate School of Arts and Sciences.

The specific degree requirements for each program depict the general structure and the number of credits necessary for each degree. Evaluation of courses and curricula modification are continuing processes in the school. Therefore, the specific degree requirements are subject to change.

Bachelor of Architectural History
This four-year program is one of the few of its kind in the country. Students are offered a liberal arts education with an emphasis on the study of architectural history. This degree program provides an opportunity to study historic preservation, while offering ample opportunity for interaction with the three other departments in the school.

Bachelor of Science (Architecture)
The undergraduate degree in architecture offers students an opportunity to combine a foundation in the liberal arts with course work in architecture. The four-year, preprofessional program prepares graduates to pursue a variety of career paths and graduate programs. Students who wish to continue in architecture would complete the requirements of the professional, accredited architecture degree at the graduate level.

Most states require that an individual intending to become an architect hold an accredited degree. There are two types of degrees that are accredited by the National Architectural Accrediting Board (NAAB): the Bachelor of Architecture, which requires a minimum of five years of study; and the Master of Architecture, which requires a minimum of three years of study following an unrelated bachelor’s degree, or two years following a related preprofessional bachelor’s degree. These professional degrees are structured to educate those who aspire to registration and licensure as architects.

The four-year, preprofessional degree, where offered, is not accredited by NAAB. The preprofessional degree is useful for those who desire a foundation in the field of architecture as preparation for either continued education in a professional degree program or for employment options in architecturally related areas.

Bachelor of Urban and Environmental Planning
The Bachelor of Urban and Environmental Planning is a professional degree recognized by the Planning Accreditation Board. The program has a strong liberal arts emphasis, and the student is expected to take a majority of the first two years of course work in the College of Arts and Sciences. During the final two years, the student has a wide range of professional seminars and application courses to choose from in the areas of environmental planning, land use planning...
and growth management, and urban development and housing policy. This course of study is designed to develop an integrative knowledge of environmental and community processes, professional skills, and leadership.

Study Abroad: The School of Architecture encourages study abroad by offering programs in Cottbus, Germany and Copenhagen, Denmark, as well as summer programs in Vicenza, Italy and Beijing, China. All students in the School of Architecture are eligible for these programs. For departmental regulations governing participation, contact the director of programs abroad representative in Campbell Hall; (434) 982-4567.

Requirements:

Residence Requirements and Transfer Credits: Prospective students must apply to one of the three undergraduate programs. All programs place substantial emphasis on the liberal arts and include a significant number of courses offered in the College of Arts and Sciences, most of which are taken in the first two years. All three programs also require four years for completion and a minimum of two years as a full-time student in the School of Architecture. In some cases, summer session study at the University is also required of transfer applicants.

Credit toward a degree is allowed for work comparable to courses offered at the University, if such work has been completed in an accredited college. Credit is not granted for work completed elsewhere with a grade less than C or its equivalent. The dean of the School of Architecture governs the awarding of transfer credit.

In no case are transfer credits in excess of 60 granted toward an undergraduate degree in the School of Architecture. The school does not accept pass/fail courses for transfer credit. In exceptional circumstances, the School of Architecture dean may waive an admission or performance requirement when, in the dean’s judgment, such action best serves the intent of the program.

Required Courses: A student who enters the School of Architecture without transfer credits must complete, at this University in Charlottesville, all prescribed courses in the curriculum for which she or he is a degree candidate. Students transferring from another college or university must complete, at this University in Charlottesville, all required courses in those subjects not completed at the time of first admission to the School of Architecture. Expectations may be made to these requirements provided permission is granted in advance by the dean of the School of Architecture.

Candidates for a degree from the School of Architecture must complete the courses in the curriculum for which they are registered, as outlined in the subsequent pages. In addition, candidates must maintain a GPA of at least 2.000 in all courses taken at the school or University and offered for a degree.

The Dean of the School of Architecture may waive a specific course requirement for a degree when, in the dean’s judgment, such action best serves the intent of the program.

Minors: A minor in architectural history requires 17 AR H credits, including AR H 101 and AR H 102, and 9 credits of AR H electives. No thesis is required.

A minor in architecture provides students with an opportunity to develop a basic understanding of, and appreciation for, architecture as an important component of culture and the built environment. The minor requirements are under the curricula section.

A minor in urban and environmental planning requires 15 credits of planning courses. Students may choose from among any PLAN course, with no more than 6 credits at the 500 level. Students outside of the school should include at least one plan-making course.

PLAN courses taken as a completed Planning Minor do not count against the limit of credits college students can take outside the College.

A minor in historic preservation requires 15 credits, nine of which must be from among the following courses in the foundations of preservation core: AR H 590, 381, 382, 383, 384, 982; ARCH 511; L AR 512, 513; and PLAN 530. Six credits from among more specialized preservation courses are also required. These include the following: AR H 371, 585; L AR 514, 523, 527; PLAC 534, 565; and PLAN 534, 551. Any other courses will require approval of the director.

A minor in landscape architecture requires a minimum GPA of 3.000, and at least 15 credits in landscape architecture. Among these are: L AR 512; one course of the following: L AR 533, 537; Select at least three from the following: L AR 510’s or L AR 520’s series (other non-studio L AR courses may be taken with the permission of the Landscape Architecture Minor Advisor and the course instructor; note that many of the other courses have technical pre-requisites). Students in the Architecture Department are strongly encouraged to take a 400-level studio in Landscape Architecture (subject to availability). Students outside the Architecture Department are strongly encouraged to take ARCH 102 Lesson in Making (3) in addition to the courses listed above. Students in the College of Arts and Sciences must submit a "VISTAA" report to their advisor in Landscape Architecture.

Applications for the five minors are available in Campbell Hall, Room 120A. Upon completion of all requirements, the signature of the respective department chair must be obtained.

Intra University Courses: ARCH 101, 102; L AR 512; and all AR H courses are recognized as College equivalents. In addition, AR H 100, 101, 102, 180, and 323 count fully as College courses and meet the area requirement in the humanities/fine arts. For students in the School of Architecture the following course limits apply:

1. Physical Education (PHYE) courses cannot be used for degree credit.
2. A maximum of 12 degree credits will be granted for (ROTC) courses.
3. A maximum of 8 degree credits will be granted for Ensemble Music or Dance.
4. CR/NC grading option - 1 per semester, must be counted as Open elective.

Evaluation: Because continuance in the School of Architecture depends on demonstrated ability and promise of professional and academic achievement, each student’s performance is evaluated at the end of every semester.

Program Flexibility: Curricular requirements for the first two years of the Bachelor of Science in Architecture, Bachelor of Architectural History, and Bachelor of Urban and Environmental Planning degree programs are similar, enabling students to transfer from one program to another.

Ownership of Student Work: The School of Architecture reserves the right to retain student course work for exhibition and publication with appropriate credits. Teachers who wish to retain student work for their own purposes must gain student consent and provide adequate documentation of the work for the student.

Academic Regulations:

Course Load: Special permission of the dean’s office is required to register for fewer than 12 credits or more than 19 credits each semester.

Incompletes: This is not a valid final grade. The symbol “IN” represents incomplete work due to a medical/personnel excuse and indicates the grade is being withheld until additional work is performed and approved. The deadline for resolution of “IN” grades for 100- through 400-level courses is the first Friday of the following semester (or Summer Session); for 500-level and above, it is the last day of classes of the following semester (or Summer Session). These deadlines are valid only if both student and professor have agreed upon the work and the date due and have completed and signed an “Incomplete Form,” available in the Student Services Office in Campbell Hall. The professor may set an earlier deadline. After the deadline, an “IN” is administratively converted to “F.”

Credit/No Credit Grades: Students have the option of receiving a CR (credit) or NC (no credit) in place of the regular grades, A through F, for a given course. This option is selected when students register for courses. Instructors may deny students permission to take courses on a CR/NC basis. If this occurs, students may either change back to the regular grading option, or they may drop the courses entirely. Courses taken for CR/NC may not be used for any major or basic area requirements.

Only one three-credit course of open elective credit may be taken each semester on a CR/NC basis.
Class Standing Students are categorized by class according to the number of credits they have earned as follows: first year: 0-29 credits; second year: 30-59 credits; third year: 60-89 credits; fourth year: 90 or more credits. AP and transfer credits are included in the computation of class standing; credits not completed or completed unsuccessfully are not. Students in the design concentration are classified according to their studio level.

Academic Performance, Probation, and Suspension

Academic Performance Student performance in the undergraduate architecture program’s professional subjects is reviewed by the faculty at the end of every term. Students are expected to achieve at least a C- in ARCH 201, 202, 241, 301, 302, 312, 323, 326, 324, 401, and 541. Grades of D or F in any of these professional courses results in repeating the course. A grade of C in a studio course is grounds for reconsideration of continuing in the studio sequence. If, in the judgment of the faculty, a student has not achieved an appropriate standard of performance in a professional subject, he or she may be required to repeat one or both terms of the course before proceeding with the next level of work in this subject. There is an approved student grievance procedure relative to grades.

Probation Students are placed on probation if they do not pass at least 12 credits of work in any semester following the first semester, or if their cumulative GPA falls below 2.000 after the completion of the first semester. Enrollment in advanced professional course work is allowed only for students with GPAs of 2.000 or better. A third probation, or probation following suspension, results in a final suspension.

Suspension Students are suspended if they do not pass at least 12 credits of work in any semester following their first semester. Students who have been suspended once may appeal to the school’s faculty for readmission. However, this appeal will be considered only after the student has passed a minimum of six credits in this University's summer session with a grade of at least C in each course. In addition, these courses must be approved by the Dean of the School of Architecture. Courses taken in the School of Continuing and Professional Studies or any other institution are not accepted for degree credit or as a basis for application for readmission. No student suspended a second time will be readmitted.

Awards and Honors

Dean’s List To be eligible for the Dean’s List of Distinguished Students at the end of each semester, students must take a minimum of 12 credits and achieve a grade point average of 3.400 or higher without failure in any course. Courses taken on a CR/NC basis may not be counted toward the 12-credit minimum. Any student receiving an F, NC, IN or NG during the semester is not eligible to be on the dean’s list.

Intermediate Honors A certificate of Intermediate Honors is awarded to the top twenty percent of those students in the School of Architecture who enter the University directly from high school or preparatory school and earn at least 60 credits of course work in their first four regular semesters. The computation is based upon the cumulative grade point average at the end of the fourth semester. No more than twelve of the 60 required credits may be earned on a CR/NC or S/U basis. Advanced placement and transfer credits do not count toward the required credits.

Theses and Commencement Honors Students who have demonstrated high academic achievement in pursuit of the bachelor’s degree are eligible for commencement honors.

Diplomas inscribed “with honors” are awarded to graduates who have earned a cumulative grade point average of at least 3.000.

Diplomas inscribed “with high honors” are awarded to graduates who have earned a cumulative grade point average of at least 3.750.

Diplomas inscribed “with highest honors” are awarded to graduates who have earned a cumulative grade point average of at least 3.900.

Student Honors and Awards Both the school and professional organizations from the fields of architecture, architectural history, and urban and environmental planning recognize outstanding achievements with the following honors and awards.

The American Planning Association Award is presented annually to the graduate and undergraduate students exhibiting outstanding achievement in urban and environmental planning.

The American Institute of Certified Planner Award is presented annually to a graduate and undergraduate student demonstrating outstanding promise as a professional planner.

The Virginia Citizens Planners Association Award is presented annually to a graduate and undergraduate student exhibiting the ideal of service to the public interest through planning.
Departmental Curricula

Architectural History
The undergraduate curriculum provides an introduction to the discipline of architectural history within a liberal arts program. A minimum of 38 credits in architectural history is required for the major. These include AR H 101, AR H 102, AR H 401 and AR H 490. AR H 491 or ARTH 491 is taken in the third year as a research and writing preparatory course. AR H 490 is taken during the fourth year, which allows students to research and write an independent advanced paper on a topic of their choice while working closely with a faculty member. This paper, with faculty comments, becomes part of the student's permanent record. Students must also complete the first year of architectural design course ARCH 201 and ARCH 241. Appropriate preservation and art history courses may be used to fulfill architectural history requirements after consultation with academic advisor.

Bachelor of Architectural History(1)

First Year
Fall Semester
AR H 101 History of Architecture
ENWR 110 Accelerated
MATH 121 Applied Calculus I or
Academic Writing

Spring Semester
AR H 102 Renaissance to Modern
Foreign language(3) ..................3-4
Open elective (ARCH 101 recommended) ........3

Second Year
Fall Semester
ARCH 201 Intro to Arch. Design ..........4
ARCH 241 Computer Applications in Design ...........2
Foreign language(3) ..................3-4
AR H elective
(Area Requirement) ........3-4
Natural Science elective ........3-4

Spring Semester
AR H elective ..................3
AR H elective
(Area Requirement) ........3
Foreign language(3) ..................3-4
Natural Science elective ........3-4
Social Science elective ........3

Third Year
Fall Semester
AR H elective
(Area Requirement) ........3
AR H elective(4) ..................3

English elective ..................3
History elective ..................3
Open elective(4) ..................3
15

Spring Semester
AR H seminar
(AR H 491 or ARTH 491) ..........3
English elective ..................3
History elective ..................3
Open elective ..................3-4
Open elective(4) ..................3
15-16

Fourth Year
Fall Semester
History of Arch. electives(5) ........3
Open electives(4) ..................9

Spring Semester
AR H 490 Major Special Study: Thesis
History of Arch. elective(5) ........3
Open electives(4) ..................9

(1) Students must have a minimum of 122 credits with at least 2,000 average in order to graduate with a Bachelor of Architectural History degree.

(2) If ENWR 110 or MATH is waived, any open elective may be substituted.

(3) Students must attain, at a minimum, an intermediate level in one foreign language, usually by completing 12 credits of foreign language study through the 201 level. Any remaining course slots may be used for additional languages or as open electives. Those with previous language study may contact the appropriate department for placement in advanced level courses (i.e., to begin study at the University with a 200- rather than a 100-level language course). Students scoring at least 620 on a SATII foreign language achievement examination have satisfied this requirement. Those intending to continue in the field of architectural history are advised to study a second language.

(4) Students should take advantage of courses in preservation and building technology when they are available.

(5) Related art history courses offered by the McIntire Department of Art and related courses in the history of landscape architecture may be taken for architectural history credit with advisor permission.

Architecture
Undergraduate Degrees offered:

Bachelor of Science in Architecture
Pre-Professional Concentration
Studies Concentration
Multi-Disciplinary Concentration

Admission
The Bachelor of Architecture Program attracts a diverse range of students with a wide range of interests that are bound together by an overriding desire to consider and construct environments of enduring value.

Transfer students are accepted into the Department each fall up through the beginning of third year. Students wishing to transfer into the University's Department of Architecture should refer to www.virginia.edu/undergradadmission. Those students already a member of the University and wishing to apply for transfer should refer to the Student Handbook at http://arch.virginia.edu/~schdocs/services/handbook.htm.

Curriculum

Years 1-3
The prime objective of the curricular core of the first three years is to provide a framework for the study of contemporary culture through observation, analysis, and considered design of our ongoing constructed occupation of the earth. This exploration uses design as a mode of critical inquiry from the scale of the city to the scale of the hand while maintaining its focus on the value of this effort to the community and the land, both immediate and extended. To make this evaluation possible, the curriculum is based on the foundation of a liberal arts education formed broadly during the first two years of study while subjects directly related to making architecture are pursued in the third year.

Students entering the Department of Architecture follow one curriculum for their first three years. Starting in their second year, the strategic choices of electives will prepare the student to pursue the concentration of their choice.

First Year
Fall Semester
ARCH 101 Lessons of the Lawn ............3
AR H 101 History of Architecture-
Anc.-Med. ................................3
ENWR 110 Academic Writing ............3

Spring Semester
ARCH 102 Lessons in Making ............3
AR H 101 History of Architecture-
Anc.-Med. ................................3
MATH 121 Applied Calculus(2) ............3

Second Year
Fall Semester
ARCH 201 Intro to Arch. Design ............4
ARCH 241 Computer Applications in Design ...........2
Foreign language(3) ..................3-4
AR H elective
(Area Requirement) ........3-4
Natural Science elective ........3-4

Spring Semester
ARCH 202 Intro to Arch. Design(6) ............6
Prerequisite: ARCH 201
AR H Arch. History elective ............3
Natural Science elective ............3
Social Science elective ............3

Third Year
Fall Semester
ARCH 301 Architectural Design ............6
Prerequisite: ARCH 202
ARCH 323 Building & Climate ............4
ARCH 312 Architectural Theory & Ethics ..........3
ARCH 541 CAAD 3 D Modeling & Visualization ....3

(6) ............3

15-16
Fourth Year: Pre-Professional Concentration

This Concentration is for students intent on pursuing a career as a practicing Architect. The curriculum is designed to maximize the opportunities to explore through design complex issues and conditions as well as representing intentions in material form.

### Fall Semester

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ARCH 401</td>
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<td>ARCH</td>
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### Spring Semester

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<td>ARCH 402</td>
<td>Architectural Design</td>
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<td>ARCH</td>
<td>Architecture elective</td>
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<tr>
<td>ARCH</td>
<td>Architectural elective</td>
<td>15</td>
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<tr>
<td>Open elective</td>
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<td>15</td>
</tr>
<tr>
<td>Degree Total</td>
<td></td>
<td>35</td>
</tr>
</tbody>
</table>

### Fourth Year: Multi-Disciplinary Concentration

This Concentration is for those students interested in exploring the connection between architecture and another discipline. This discipline can be something as close to architecture as art, or engineering, or it could also be a more distant field, such as business, archæology, or materials science. It is the student’s responsibility to make the case for the connection. Fulfilling the requirements for a minor in the related field is the primary vehicle used to complete the degree requirements.

### Fall Semester

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tr>
<td>ARCH</td>
<td>Architecture elective - minor related</td>
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<tr>
<td>ARCH</td>
<td>Architecture elective</td>
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</tr>
<tr>
<td>Open elective</td>
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### Spring Semester

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<tr>
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<th>Course Title</th>
<th>Credits</th>
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<td>Minor</td>
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<tr>
<td>ARCH</td>
<td>Architecture elective</td>
<td>3</td>
</tr>
<tr>
<td>Open elective</td>
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<td>15</td>
</tr>
<tr>
<td>Degree Total</td>
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**Urban and Environmental Planning**

The Program in Urban and Environmental Planning balances professional planning skills with a liberal education emphasizing interdisciplinary study. Students typically take courses in the social and natural sciences, the humanities, and in design fields that complement professional courses in planning practice and theory. Graduates either begin work in the public or private sectors or go on to graduate professional studies.

The scope of the planner’s work encompasses present and future urban and environmental concerns, including such diverse issues as environmental impact, quality of life, and the public and private costs of development. Planners work in the public and private sectors in urban and rural areas. Public sector planners work for all levels of government, formulating plans to redevelop or rehabilitate downtowns and neighborhoods, develop land aesthetically and profitably, and regulate private development to protect public interests. Although planners frame long-range designs, anticipating futures 5 to 15 years away, they are also deeply involved in choosing among current projects. Private sector planners employed by real estate developers or in management firms, industries, and other major corporations do similar work according to the particular concerns of each business. Many of these concerns are integrated with the department’s focus on sustainable community development.

Students may enter the program directly from high school, or they may transfer from another University school or other accredited universities or colleges. Usually, students transfer in the first or second year and complete the degree requirements without additional sessions. Although the first two years conform closely to the Arts and Sciences core curriculum, students who wish to transfer to the program should consult with the director of undergraduate studies. Students may apply for transfer for the spring or fall semesters. If other prerequisites have been met, it is possible for transfer students to complete the required planning courses in two years.
### Bachelor of Urban and Environmental Planning

#### First Year

<table>
<thead>
<tr>
<th>Semester</th>
<th>Courses</th>
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<tbody>
<tr>
<td>Fall Semester</td>
<td>Arch 101(3) Lessons of the Lawn(2) ...............................................3</td>
</tr>
<tr>
<td></td>
<td>Math/Science(3) ................................................................................3-4</td>
</tr>
<tr>
<td></td>
<td>Social Science elective(4) ..... .......................................................3</td>
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<tr>
<td></td>
<td>Plan 103 Introduction to Planning .....................................................3</td>
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<td></td>
<td>English(2) .............................................................................................3</td>
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<td>Math/Science(3) ................................................................................3-4</td>
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<td>Humanities(7) .......................................................................................3</td>
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<td>Humanities elective(7) ..........................................................................3</td>
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<td></td>
<td>Open elective .......................................................................................3</td>
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#### Spring Semester

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<th>Courses</th>
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<tbody>
<tr>
<td>Arch 100 History of Arch(3) ..................................................................3</td>
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<tr>
<td>Math/Science(3) ................................................................................3-4</td>
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<tr>
<td>Social Science elective(4) ..... .......................................................3</td>
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<td>Humanities(7) .......................................................................................3</td>
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<td>Open elective .......................................................................................3</td>
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#### Second Year

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<th>Courses</th>
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<tbody>
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<td>Plan 211 Digital Visualization for Planner ........................................4</td>
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<td>Math/Science(3) ................................................................................3-4</td>
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<td>Econ 201 Microeconomics ........................................................................3</td>
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#### Spring Semester

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<th>Courses</th>
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<tbody>
<tr>
<td>Plan 202 Planning Design ......................................................................4</td>
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<tr>
<td>Math/Science(3) ................................................................................3-4</td>
</tr>
<tr>
<td>Econ 202 Macroeconomics ......................................................................3</td>
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Students must have a minimum of 122 credits with at least a 2.0 average in order to graduate with a Bachelor of Urban and Environmental Planning degree. A minimum grade of C- is required of all PLAN/PLAC courses.

1. English requirement is proficiency at ENWR 110 level plus a second writing requirement as in Arts and Sciences.
2. Take two from among ARCH 101, 102, AR H 101, or 102.
3. Environmental science and Math are encouraged (some EVSC are classified as Social Science, however)
4. Majors take six credits of Politics and 12 other credits of Social Science in addition to ECON 201 and 202.
5. A Professional Elective can be taken in a professional school at the 300 level or above with advisor’s permission.
6. Planning applications courses are designated as PLAC. These courses emphasize field work, analysis, plan development, and document preparation. PLAC 401 is designed for planning undergraduates seeking a culminating workshop.
7. One Non-Western Studies included.

### Course Descriptions

With faculty approval, upper-level undergraduate students may be allowed to enroll in graduate courses and offer them for elective credit. These courses are described in the Graduate Record and are offered through all four departments. Although ARCH, AR H, L AR, and PLAN are preprofessional and professional courses, not all are restricted to School of Architecture students. If students outside the school wish to enroll in one of these courses, they should secure the approval of the faculty member offering that course. Even in professionally-oriented courses, some faculty members encourage and welcome such participation.

#### Architectural History

- **AR H 100 - (3) (Y)**
  - History of Architecture: Survey
  - The history of Western architecture from ancient times to the present.

- **AR H 101 - (4) (Y)**
  - History of Architecture Ancient-Medieval
  - Introduction to the study of Architectural History to the Renaissance.

- **AR H 102 - (4) (Y)**
  - Renaissance to Modern
  - Prerequisite: AR H 100 or AR H 101. Introduction to the study of Architectural History from the Renaissance to Modernism.

- **AR H 112 - (3) (SS)**
  - History of Architecture
  - Surveys architecture from the Ancient to the present.

- **AR H 180 - (3) (Y)**
  - Thomas Jefferson’s Architecture
  - Surveys Jefferson’s architectural world with special emphasis on the Lawn.

- **AR H 203 - (3) (Y)**
  - History of Modern Architecture
  - Surveys architecture and allied arts from c. 1800 to the present, emphasizing the development of the modern movement.

- **AR H 321 - (3) (O)**
  - Later Medieval Architecture
  - The architecture of Western Europe from c. 1140-1500.

- **AR H 323 - (3) (E)**
  - Early Medieval Architecture
  - The architecture of Western Europe from c. 800-1150.

- **AR H 331 - (3) (Y)**
  - Italian Renaissance Architecture 15th Century
  - Developments of classicism in Italy between 1400 and 1500.

- **AR H 332 - (3) (Y)**
  - Renaissance Architecture 16th Century
  - Developments in classicism in Italy between 1500 and 1600.

- **AR H 333 - (3) (Y)**
  - European Classical Architecture outside Italy, 1400-1750
  - The development of classicism primarily in France, England, and Germany between 1400 and 1750.

- **AR H 351 - (3) (IR)**
  - Nineteenth-Century European Architecture and Theory
  - The development of architecture in nineteenth-century Europe, with particular attention to France, England and Germany.

- **AR H 361 - (3) (Y)**
  - East-West Architecture
  - Studies cultural exchanges in architecture between East and West, emphasizing master architects such as F.L. Wright and L. Kahn.

- **AR H 362 - (3) (Y)**
  - East Asia Architecture
  - Surveys traditional architecture in China, Japan, and Korea, focusing on the main features and monuments of East Asian and landscape architecture.

- **AR H 365 - (3) (Y)**
  - World Buddhist Architecture
  - Studies the history of Buddhist architecture and allied arts in the Buddhist world, including East, South, and Southeast Asia. Lecture starts from the Indian stupas and ends in Japanese Zen gardens.

- **AR H 367 - (3) (O)**
  - Modern Japanese Architecture
  - The history of architecture in modern Japan from Meiji period to the present. Focuses on post-WWII development; discusses the major influential architects such as Tange, Kikutake, Maki, Isozaki, Kurokawa, and Ando.

- **AR H 371 - (3) (Y)**
  - Cities in History
  - This lecture course introduces the history of cities around the world, from the beginnings of cities to the present, locating urban forms in their social, cultural, political and symbolic contexts.

- **AR H 381 - (3) (Y)**
  - Early American Architecture
  - American architecture from the first European contact to the death of Jefferson. Lectures and field trips.
AR H 382 - (3) (IR)  
Later American Architecture  
Surveys American architecture from 1800 to the present.

AR H 383 - (3) (Y)  
Nineteenth-Century American Architecture  
American architecture from 1776 to 1914.

AR H 384 - (3) (Y)  
Twentieth-Century American Architecture  
Surveys American architecture emphasizing the development of modernism.

AR H 489 - (3) (SI)  
Independent Studies in Architectural History  
Advanced work on independent research topics by individual students.

AR H 490 - (3) (S)  
Major Special Study: Thesis  
Prerequisite: Instructor approval and departmental approval of topic.  
Advanced independent research projects by fourth year architectural history students.

AR H 491 - (3) (Y)  
Undergraduate Seminar in the History of Architecture and Special Topics  
Research seminar for majors in the department of architectural history. Topics vary.

AR H 499 - (3) (SI)  
Independent Studies in Architectural History  
Prerequisite: Departmental approval of topic.  
Advanced work on independent research topics by individual students.

AR H 555 - (3) (S)  
Field Methods in Historic Preservation  
This course is dedicated to training students to “read” and record the material fabric of historic buildings. Lectures on historic materials area followed by field experience recording in descriptions, photographs and measured drawings.

AR H 570 - (2-3) (IR)  
Selected Topics in Architectural History  
Prerequisite: Instructor permission. Special topics pursued in a colloquium.

AR H 585 - (3) (Y)  
Historical Archaeology  
Studies the theory, problems, and techniques of the archaeology of the American colonial past on the Atlantic seaboard. Field trips.

AR H 590 - (3) (Y)  
Historic Preservation Theory and Practice  
Surveys the history of preservation, focusing on the changing nature of its ideals and practice. Preservation is discussed in the context of cultural history and the changing relationship between existing buildings and landscapes, and attitudes toward history, memory, and invented tradition.

AR H 592 - (3) (Y)  
Community History Workshop  
An in-depth historical analysis of the architecture, urban form, and planning of a selected community. Focuses on the historical significance of the built landscape as an element in, and an expression of, the social and cultural life of the community.

AR H 594 - (3) (Y)  
Community Public History Seminar  
Explores a variety of approaches to conveying the architectural and cultural history of a community to a diverse public constituency. Builds upon the analysis developed in AR H 592 (Community History Workshop). Analyzes the preservation implications of the work undertaken in collaboration with students in the preservation studio.

Architecture  
ARCH 101 - (3) (Y)  
Lessons of the Lawn  
The study of architecture as a speculation on origins is located at the contraceptive core of any liberal arts curriculum and serves as the physical architecture and conceptual foundation of the University. This course is concerned with the contemporary imagination, attempting to make the discipline of architecture meaningful to a wide range of citizens in its public obligation to be constructive and optimistic in the most profoundly ethical, pragmatic, and magical of terms.

ARCH 102 - (3) (Y)  
Lessons in Making  
Introduces the aspects of design considered fundamental to an understanding and interpretation of architecture and the visual arts. Introduces drawing and presentation skills, and develops the precision and facility necessary for visual communication.

ARCH 201, 202 - (4) (6) (Y)  
Introduction to Architectural Design  
Explores the humanistic determinants of form; architecture as both experience and formal proposition; analysis and synthesis in the design process; and the communication of design intentions.

ARCH 241 - (2) (Y)  
Computer Applications in Design I  
The development of skills needed to represent analytical and creative ideas utilizing digital multimedia. Emphasis is placed on the exploration of computer-aided diagramming, abstraction, collage, assemblage and three-dimensional analytical modeling. In addition, weekly lectures, readings and film screenings introduce students to a broad range of topics engaging architecture, technology and culture.

ARCH 301, 302 - (6) (Y)  
Architectural Design  
Prerequisite: ARCH 201, 202.  
Analyzes architectural design conceptualization and synthesis; the relationship of building, site, and basic technology as determinants in architectural form; and the integration of various disciplines and concerns in the design of a complete building.

ARCH 314 - (3) (F)  
Building and Climate  
Examines the role of design in mediating between dynamic climatic forces such as wind, energy and light and the human response to the environment. Weaving discussions of fundamental principles with case studies and illustrative exercises, the course focuses on the design of the boundary between the internal and external environments.

ARCH 324 - (4) (Y)  
Introduction to Structural Design  
Prerequisite: Equivalent college-level physics.  
A first course in structures for undergraduates to develop analytic and critical skills through both mathematical and visual investigation. Topics include statics, mechanics of materials, computer-based structural analysis, and the design and behavior of basic structural elements and systems.

ARCH 426 - (3) (Y)  
Construction and Intention  
Explores and evaluates the properties of basic building materials and construction assemblies. Introduces building construction from a variety of viewpoints, with emphasis on ecological thinking in architectural decision-making. Students will analyze and critique materials and construction systems, and how they correspond to aesthetic, technical, financial and ethical issues.

ARCH 401, 402 - (6) (Y)  
Architectural Design  
Prerequisite: ARCH 301, 302.  
Explores architectural design problems of complex programs and intermediate scale, emphasizing circulation, formal intent, and specialized technology in both historic and contemporary urban contexts.

ARCH 444 - (3) (Y)  
Digital Moviemaking and Animation  
Prerequisite: ARCH 541/542 or 544, or instructor permission.  
Explores the simulation of architecture, urban design, and environmental design through moviemaking. Examines parallels between the treatment of motion in movies and the treatment of motion in design. These parallels include how film makers and designers treat the space-time continuum, 3-D depth, movement, lighting, and montage. Further examines moviemaking as a medium for design exploration, architectural aesthetic expression, and critical analysis of design.
ARCH 482 - (3) (Y)
Teaching Experience
Selected students lead a seminar (of 8 to 10 younger students each) for “Lessons of the Lawn” and “Lessons in Making.” All student assistants attend class lectures (for a second time) and then meet with their seminar groups weekly, leading discussions of topics and questions raised by the instructor.

ARCH 500 - (3) (Y)
Vicenza Program
Summer study abroad in Vicenza, Italy. Students will be introduced to Italian culture through the study of architecture, landscape architecture, and city planning. Both the formal ideals as well as the constructed reality of these three subjects will be studied through critical observation and documentation of universal conditions and critical junctures.

ARCH 511 - (3) (Y)
Contemporary Architectural Theory
Readings and lectures covering 1966 to the present, and tracing the development of post-modernism, post-structuralism, and other current movements in architecture. Reference is made to other disciplines, the influence of criticism, the role of the media, and distinctions between theory, criticism, and style.

ARCH 528 - (3) (Y)
Lighting Design
Development of knowledge and skills in lighting design through the study of exemplary buildings, design exercises, case studies and analyses of lighting conditions. Considers quantitative and qualitative lighting design issues and their synthesis through design.

ARCH 529 - (3) (Y)
Microclimates
Focuses on the wild energies of sun, wind, water and earth. Students learn to perceive and to represent these “invisible” energies, and then to invent the means through which architecture can be conceived in concert with them.

ARCH 534 - (3) (Y)
Construction Practice Management
Provides future architects, engineers, lawyers, and developers with an overall understanding of the construction process for commercial, industrial, and institutional projects. Follows the history of a typical project from selection of architect to final completion of construction. Topics include design cost control, cost estimating, bidding procedures, bonds and insurance, contracts and sub-contracts, progress scheduling, fiscal controls, payment requests, submittals, change orders, inspections, overall project administration, and continuing architect-owner-contractor relationships. Lectures and related field trips.

ARCH 538 - (3) (Y)
Construction and Modernism
Discussion of the role of construction in design, focusing on industrialization and its impact on architecture in this century. Emphasizes the ideals and reality of mass production and the ways in which this has and does affect architectural form, both in a direct constructional way, and in a conceptual way.

ARCH 541, 542 - (3) (Y)
Computer Aided Architectural Design
Explores design worlds that are made accessible through computer-based media. Lectures provide a theoretical framework for computer-aided design, describe current methods, and speculate on advanced methods. Workshop exercises focus on computer-based 3-D geometrical modeling, including photorealistic and abstract methods of rendering, materials simulation, texture mapping, reflection mapping, image processing, color-table manipulation, photomontage, lighting, animation, and combined media applications.

ARCH 548 - (3) (Y)
Computables of Architectural Design
Explores the quantitative basis and geometrical order of forms occurring in nature and architecture. Covers instructions, exercises, and examples of coding in a programming language during the first two thirds of the term. Students develop a case study in design methods that extends a CAD system as the basis for a computational project in the last third of the term. Programming knowledge is not assumed; class pace is individually adapted for students with previous experience.

ARCH 551 - (3) (Y)
Photography and Digital Media
This course seeks to give students the ability to conceive and create digital photographic imagery with control and sophistication. Topics include fundamentals of photography, color theory, digital control of visual qualities, and methods of image montage for both still images and short animations. Methods include production and presentation for both printed hard copy and for the World Wide Web.

ARCH 554 - (3) (S)
Architectural Drawing and Sketching
Seeks to develop an increased desire for architectural exploration and discovery by providing instruction in architectural graphic notation, analytical drawing, and free hand sketching. Focuses on the ability of architectural drawing conventions and techniques to expand our understanding of natural and built form, in context.

ARCH 563 - (2) (Y)
Design of Cities
Cities are physical artifacts that are experienced psychologically and socially. This course investigates the theories surrounding these processes to reach an understanding of humanistic urban design intentions. Experiential realities are explored through case studies, readings, and mapping exercises.

ARCH 582 - (3) (S)
Architectural Crafts
Applies design process and theory to the design and construction of furniture. Investigates jointsing, finishing, and construction techniques. Experience with tools is not required.

L AR 503 - (2) (SS)
Landscape Drawing and Representation
Explores techniques of drawing, emphasizing free-hand sketching. Required of students entering the graduate landscape architecture program.

L AR 512 - (3) (Y)
Landscape Architectural History
Examines landscape architecture as an expression of cultural values. Rather than attempt a broad survey of numerous works of a period, the lecturers concentrate on a few prototypical examples. Special attention is given to ancient Egypt, 16th-century Italy, 17th-century France, 18th-century Japan, 18th-century Britain, and 17th- to 20th-century America. The comparative case study approach is complemented by primary and secondary source readings.

L AR 514 - (3) (Y)
History of American Landscape Architecture
Studies the development of American landscape architecture from the seventeenth century to the present, emphasizing seminal figures-Jefferson, Downing, Olmsted, Platt, Farrand, Jensen, and selected contemporary designers.

L AR 520 - (3) (Y)
Theories of Modern Landscape Prerequisite: L AR 512 or instructor permission. Examines modern built landscapes as cultural products with their own materials, codes, and concerns. Underscores landscape architecture theory’s interlocking relationship with changing societal constructions of nature, environmentalism, and the city. Focuses on exemplary built works of landscape architecture and their impact on, and debt to, specific design treatises or manifestos in light of broader cultural and theoretical practices.

L AR 526 - (3) (Y)
Healing Landscapes
Investigates various topics centered on the general theme of designed landscapes as a means of “healing” human beings. Such healing is understood in a broad sense to encompass both physical and mental infirmities. Includes a historical overview of various healing landscapes, an examination of healing practices in various cultures, and field trips to various hospitals, hospices, and out-patient facilities in the Charlottesville area.

L AR 598 - (3) (IR)
Topics in Contemporary Landscape Theory
Explores topics in contemporary landscape theory and practice directed readings and seminar discussions. Subjects will vary from year to year, and may include design drawing and model of representation, gender and nature, constructs of nature (ecology, sustainable, chaos), or works of specific designs and regions.
L AR 522 - (3) (Y)
Race, Space and Culture
This course offers a critical look at built envi-
ronments and other conceptions of space in
relation to racial and other cultural identi-
ties. Melding content and methods from cultural
studies and from architecture, landscape
architecture, planning, and historic preserva-
tion, sessions are centered around weekly dis-
cussions of thought provoking readings,
videos, drawings and photographs, and field-
trips. The course changes forever the way stu-
dents understand ordinary spaces.

L AR 523 - (3) (IR)
Historic Landscape Preservation
Includes readings and discussions on contem-
porary theory and practices for preserving
historic landscapes. Evaluation of these theo-
ries and practices through a close review of a
few case studies.

L AR 524 - (3) (E)
Reading the Black College Campus
Seminar that focuses on how historically black
college campuses (HBCUs) encode the struggle
over black education in America at the turn of
the 20th century. Explores built environments
as arenas of multi-cultural contests and negoti-
atuons. Introduces methods and concepts to
interrogate the still predominant paradigm of
interpreting built environments art-historically.
Seminar readings and field trips.

L AR 525 - (3) (Y)
Urban Topographies
Explores the constructed nature of the con-
temporary urban landscape from the starting
point of the ground. A series of landscapes that
demonstrate the ambiguous quality of
urban ground-as both floor and roof, “terra
firma” and made land-will be investigated
through lectures, readings, and discussions.

L AR 526 - (3) (Y)
D.I.R.T. Seminar: Doing Industrial
Research Together
Readings, lectures, and class discussions
focus on the evolving definition and recla-
mation technologies of the post-industrial
landscape.

L AR 527 - (3) (E)
Race and American Places
Seminar that explores the ways in which mul-
ticultural struggle-particularly racial struggle-
is manifested spatially in the built environ-
ments of America. Examines this through
readings in cultural theory and design litera-
ture, as well as through field trips. Relates the
concepts introduced in readings to the busi-
ness of understanding how identity politics
influences the way we design and use places
around us.

L AR 528 - (3) (Y)
Landform and Urban Form in the
Veneto
A historical and ecological overview of the
towns and countryside of the Veneto in
Northern Italy. Required for all graduate stu-
dents in the Option Study in Venice.

L AR 533 - (3) (Y)
Sites and Systems
Introduces vocabulary and tools for reading,
mapping, and analyzing sites. Emphasis on
the watershed as an ecosystem within which
sites and systems can be understood and
manipulated. Explores the implications of site
and systems analysis for shaping landform
through grading terraces, buildings, and
roads. Issues are examined through the study
of existing site design precedents as well as
through short mapping and design exercises.
Several site visits and field trips.

L AR 534 - (4) (Y)
Earthwork
Prerequisite: L AR 533 or instructor permission.
Applies concepts and principles of earthwork,
land manipulation, grading, and drainage in
short exercises. Introduces digital applications
in a combined lecture and workshop format.

L AR 537 - (4) (Y)
Plants and Environment I
Studies plant types and characteristics in natu-
ral and designed environments. Emphasizes
field identification, ecological associations and,
plant shape and form. Incorporates freehand
drawing exercises in the field and in class.

L AR 538 - (4) (Y)
Plants and Environment II
Prerequisite: L AR 537.
Continued study of plant types and character-
istics in natural and designed environments.
Emphasizes field identification, ecological
associations, and plant shape and form.
Incorporates freehand drawing exercises in the
field and in class.

Planning

PLAN 103 - (3) (Y)
Introduction to Community and
Environmental Planning
Analyzes community and environmental
planning in the United States; the planning
process; and sustainable communities.

PLAN 202 - (4) (S)
Planning Design
Studies principles of design; the architec-
ture of cities and urban design; perception of
space and visual analysis; graphic presentation,
including mapping techniques; and invento-
ries, information storage, retrieval and use.

PLAN 211 - (4) (F)
Digital Visualization for Planners
Digital technology for representing and ana-
lyzing planning data will include photo-edit-
ing, web page design, geographic information
system mapping, spreadsheet modeling, and
document layout and production. The major
emphasis will be on two- and three-dimen-
sional representation of spaces common to
planning: streetscape, neighborhoods, com-
munities and regions. Representation of the
past, the present and prospective futures to
both professional and citizen audiences will
receive critical attention.

PLAN 303 - (3) (Y)
Neighborhoods, Community and
Regions
Explores theories and concepts of economic,
social, and cultural forces that influence
urban and regional spatial structure.

PLAN 305 - (3) (Y)
Measuring Community Structure and
Change
Analyzes methods used in quantitative and
qualitative investigations of urban and
regional settings for planning purposes.

PLAN 306 - (3) (Y)
Land, Law and the Environment
Introduces major legal issues surrounding land-
use and development planning. Emphasizes
developing application skills in terms of zoning,
subdivision, and other land-use regulatory pow-
ers. (May be taken prior to fourth year.)

PLAN 311 - (3) (IR)
History of Cities and Planning
An overview of the profession of planning with
emphasis on 19th- and 20th-century Ameri-
can urban history.

PLAC 401 - (3) (Y)
Neighborhood Planning Workshop
Explores neighborhood, planning issues from
the professionals’ and citizens’ perspectives.

PLAN 404 - (3) (Y)
Planning in Government: Decisions
and Alternatives
Examines the role of planning in government
decision-making. Focuses on local govern-
ment, but intergovernmental aspects of plan-
ning that influence local decisions are also
stressed. Studies planning processes, such as
transportation, community development, and
social planning.

PLAN 481, 483, 484 - (1-4) (SI)
Special Study
Elective courses offered at the request of faculty
or students to provide an opportunity for
internships, fieldwork, and independent study.

PLAN 492 - (1-3) (Y)
Professional Practice
Structured internship experience and report-
ing as a reflective practitioner for ten weeks
or 200 hours of experience.

PLAN 508 - (1) (Y)
Planning Senior Project

PLAN 512 - (3) (Y)
Geographic Information Systems
Reviews the use of computers in planning,
focusing on geographic information systems
for collection, analysis, and display of spatial
information in urban and environmental
contexts.
PLAN 513 - (3) (Y)
Advanced GIS Workshop
Students apply GIS technology to examine significant issues of land, natural resources, and the characteristics of urban development.

PLAN 522 - (3) (IR)
Planning, Budgeting, and Finance
Evaluates the criteria for, and processes of, making budget choices. Examines questions about who should pay, who should benefit, who should participate, and who should decide, along with the consequences of these choices.

PLAN 524 - (3) (IR)
Consensus Building, Negotiation and Mediation
Examines the processes by which consensus can be developed, focusing general negotiation theory and skill development, including the concept of principled negotiation; the conflict landscape, including government and non-government organizations; and negotiation resources and opportunities, including organizations, processes, and enabling legislation.

PLAN 529 - (3) (IR)
Special Topics in Policy Planning
Varies annually to fill graduate students' needs in the study of policy planning and analyses.

PLAN 530 - (3) (Y)
Preservation Planning
Studies current literature on the identification, evaluation, and treatment of historic places. Develops techniques for surveying, documenting, evaluating, and planning for preservation. Analyzes current political, economic, and legal issues in preservation planning.

PLAN 534 - (3) (IR)
Urban Revitalization
Explores the problems and potentials encountered in planning for older urban neighborhoods and downtowns.

PLAN 540 - (3) (Y)
Introduction to Housing and Community Development
Provides an introduction to the housing and community development area of planning practice. Topics include the housing and development industries, neighborhood change processes, social aspects of housing and development, and housing and development programs and policy issues.

PLAN 542 - (3) (IR)
Economic Development
Explores the economy of a community, neighborhood, or region as an essential element, in livability and sustainability. Planners engage economic development by working with the community to assess needs and opportunities, through public-private business partnerships, and in development review.

PLAN 543 - (3) (Y)
Land Development Workshop
Explores the land development process from the perspective of the private land developer interacting with local governments. Includes development potential, site, and traffic analysis; land planning; development programming; and services to accommodate new development and public regulation of land development.

PLAN 544 - (3) (Y)
Neighborhood Planning
As the “building blocks” of cities, neighborhood plans involve citizens in addressing issues of housing, jobs, public services, education, recreation, and transportation.

PLAN 547 - (3) (Y)
Development Dynamics
Examines the roles of developers, investors, designers, planners, and others, identifying the objectives each have in the development decision process. Discusses the interplay and communications of what constitutes sound economics and good design.

PLAN 549 - (3) (IR)
Special Topics in Housing and Community Development
Varies annually to meet the needs of graduate students in the study of housing and community development.

PLAN 551 - (3) (Y)
Sustainable Communities
Examines sustainable communities and the environmental, social, economic, political, and design standards that underlie them. Focuses on reviewing actual case studies of cities, towns, and development projects that reflect principles of sustainability.

PLAN 552 - (3) (Y)
Sustainable Planning & Design Workshop
Students act as a consultant team to develop sustainable planning and design strategies for sites which rotate each year.

PLAN 553 - (3) (Y)
Environmental Policy and Planning
Examines contemporary environmental policy and practice, including exploration of the normative-philosophical debate surrounding environmental issues. Emphasizes understanding the political and institutional framework for establishing policy and programs; exploring the action approaches to environmental planning including moral suasion, regulation, public investment, and public incentives; and case studies of environmental planning at the federal, state, and local levels.

PLAN 554 - (3) (E)
Environmental Ethics and Sustainability
Detailed exploration of the normative debate surrounding environmental issues. Focus on the foundations of environmental economics, questions about the value of endangered species, concerns of future generations, appropriateness of a sustainable society, notions of stewardship, and obligations toward equity.

PLAN 557 - (3) (IR)
Environment and Economy
Rather than being opposite, environment and economy are both dimensions that must be addressed to achieve sustainable outcomes. This course explores these issues and students develop proposed solutions.

PLAN 558 - (3) (O)
Coastal Planning Issues
Explores the special characteristics of coastal and island settings for their planning significance. Addresses natural hazard mitigation, wetlands, and biodiversity.

PLAN 559 - (3) (IR)
Special Topics in Environmental Planning
Varies annually to meet the needs of graduate students studying environmental planning.

PLAN 560 - (3) (Y)
Land Use Policy and Planning
Introduces the theory and practice of land use planning and growth management as they have evolved historically and as expressed in contemporary practice. Addresses the need and rationale for land use planning as well as its tools.

PLAN 563 - (3) (Y)
Design of Cities
Cities are physical artifacts that are experienced psychologically and socially. This course investigates the theories surrounding these processes to reach an understanding of humanistic urban design intentions. Experimental realities are explored through case studies, readings, and mapping exercises.

PLAN 569 - (3) (IR)
Special Topics in Land Use Planning
Varies from year to year to fill graduate students' needs in the study of land use planning.

PLAN 572 - (3) (Y)
Transportation and Land Use
Reviews basic relationships between land use and transportation. Considers the decision process, planning principles, impact measures, and the methodological framework for identifying and evaluating practices in action on a regional, local, and neighborhood scale.

PLAN 577 - (3) (IR)
Plan Implementation
Emphasizes the use of zoning, subdivision, and other regulations to implement comprehensive plans. Attention is given to capital facilities programming and building codes.
Faculty

Office of the Dean of the School of Architecture
Karen Van Lengen, B.A., M.Arch., Edward E. Elson Professor of Architecture, Dean
A. Bruce Dotson, B.A., Ph.D., Associate Dean for Academics
Theo van Groll, B.A., M.R.P., Associate Dean of Students
Elizabeth Fortune, B.S., M.B.A., Associate Dean for Finance and Administration
Susan Ketron, B.A., M.A., Director of Development

Department of Architecture and Landscape Architecture

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Edward R. Ford, B.S., M.Arch.
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Elissa B. Rosenberg, B.A., M.L.A.

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Distinguished Lecturer
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Lecturers
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David Bowne, B.S., Ph.D.
Cole Burrell, B.S., M.A., M.S.
Thomas Woltz, B.S. Arch, M.Arch., M.L.A.

Department of Architectural History

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Louis Nelson, B.A., M.A., Ph.D.

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Fraser Niemann, B.A., M.A., Ph.D.

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Claudette Grant, B.A., M.U.E.P.
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Retired Faculty
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Roger C. Davis, B.S.Arch.
Maria di Valmarana, Dott.Arch., Professor Emeritus
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