Students may complete a major or minor in Growth and Structure of Cities. Complementing the major, students may complete a minor in Environmental Studies, or a minor in Latin American, Latina/o, and Iberian Peoples and Cultures. Students also may enter the 3-2 Program in City and Regional Planning, offered in cooperation with the University of Pennsylvania.

The interdisciplinary Growth and Structure of Cities major challenges students to understand the dynamic relationships connecting urban spatial organization and the built environment with politics, economics, cultures and societies worldwide. Core introductory classes present analytic approaches that explore changing forms of the city over time and analyze the variety of ways through which women and men have re-created global urban life across history and across cultures. With these foundations, students pursue their interests through classes in architecture, urban social and economic relations, urban history, studies of planning and the environmental conditions of urban life. Opportunities for internships, volunteering, and study abroad also enrich the major. Advanced seminars further ground the course of study by focusing on specific cities and topics.

**MAJOR REQUIREMENTS**

A minimum of 15 courses (11 courses in Cities and four allied courses in other related fields) is required to complete the major. Two introductory courses (185, 190) balance sociocultural and formal approaches to urban form and the built environment, and introduce cross-cultural and historical comparison of urban development. The introductory sequence should be completed with a broader architectural survey course (253, 254, 255) and a second social science course that entails extended analysis and writing (229). These courses should be completed as early as possible in the first and second years; at least two of them must be taken by the end of the first semester of the sophomore year.

Writing across multiple disciplines is central to the major, drawing on sources as varied as architectural and visual studies, ethnographic fieldwork, archival and textual study, theoretical reflection and policy engagement. Students write and receive commentary on their arguments and expression from their introductory classes through their required capstone thesis. While most courses in the major have important writing components, at the moment CITY 229 acts as our primary writing-intensive course, asking students to draw upon the breadth of their interests to focus on researching, writing and rewriting within a comparative framework. We will be expanding our pedagogy in this area over time in conjunction with college initiatives and student feedback. At the same time, students are encouraged to use other classes within the major to develop a range of skills in methods, theory, and presentations, oral and written.

In addition to these introductory courses, each student selects six elective courses within the Cities Department, including crosslisted courses. One of these should be a methods class. The student should also take the 0.5 credit Junior Seminar (298) during one semester of their junior year. At least two must be at the 300 level. In the senior year, a capstone course is required of all majors. Most students join together in a Research Seminar (CITY 398) in the fall of that year. Occasionally, however, after consultation with the major advisers, the student may elect another 300-level course or a program for independent research. This is often the case with double majors who write a thesis in another field. Internships are also an important component of the program either in the summer or for credit with faculty supervision.

Finally, each student must also identify four courses outside Cities that represent additional expertise to complement her work in the major. These may include courses such as physics and calculus for architects, additional courses in economics, political science, sociology, or anthropology for students more focused on the social sciences and planning, or courses that build on language, design, or regional interests. Any minor, concentration, or second major also fulfills this requirement. Cities courses that are cross-listed with other departments or originate in them can be counted only once in the course selection, although they may be either allied or elective.
GROWTH AND STRUCTURE OF CITIES AT BRYN MAWR COLLEGE

courses.

Both the Cities Department electives and the four or more allied courses must be chosen in close consultation with the major advisers in order to create a strongly coherent sequence and focus. This is especially true for students interested in architectural design, who will need to arrange studio courses (226, 228) as well as accompanying courses in math, science and architectural history; they should contact the department chair or Daniela Voith in their first year. Likewise, students interested in pursuing a minor in Environmental Studies or a concentration in Iberian, Latin American, and Latino/a themes or in Global Asian Studies should consult with faculty early in their career.

Students should also note that many courses in the department as well as crosslisted courses are not given every year. They should also note that courses may carry prerequisites in Cities, History of Art, Economics, History, Sociology, or the natural sciences.

Programs for study abroad or off-campus are encouraged, within the limits of the Bryn Mawr and Haverford rules and practices. In general, a one-semester program is strongly preferred. The Cities Department regularly works with off-campus and study-abroad programs that are strong in architectural history, planning, and design, as well as those that allow students to pursue social and cultural interests. Students who would like to spend part or all of their junior year away must consult with the major advisers and appropriate deans early in their sophomore year.

Cities majors have created major plans that have allowed them to coordinate their interests in cities with architecture, planning, ethnography, history, law, environmental studies, mass media, social justice, medicine, public health, the fine arts, and other fields. No matter the focus, though, each Cities major must develop a solid foundation in both the history of architecture and urban form and the analysis of urban culture, experience, and policy. Careful methodological choices, clear analytical writing, and critical visual analysis constitute primary emphases of the major. Strong interaction with faculty and other students are an important and productive part of the Cities Department, which helps us all take advantage of the major’s flexibility in an organized and rigorous way.

MINOR REQUIREMENTS

Students who wish to minor in the Cities Department must take at least two out of the four required courses and four cities electives, including two at the 300 level. Senior Seminar is not mandatory for fulfilling the Cities minor.

3-2 PROGRAM IN CITY AND REGIONAL PLANNING

Over the past three decades, many Cities majors have entered the 3-2 Program in City and Regional Planning, offered in conjunction with the University of Pennsylvania. Students interested in this program should meet with faculty early in their sophomore year.

FACULTY

Jeffrey Cohen
Term Professor

Jennifer Hurley
Instructor

Gary McDonogh
Chair and Professor of Growth and Structure of Cities and Helen Herrmann Chair

Thomas Morton
Visiting Assistant Professor

Samuel Olshin
Senior Visiting Studio Critic

Liv Raddatz
Lecturer

Victoria Reyes (on leave 2016-17)
Assistant Professor

Daniela Voith
Senior Lecturer

COURSES

CITY B185 URBAN CULTURE AND SOCIETY
Gary McDonogh
Examines techniques and questions of the social sciences as tools for studying historical and contemporary cities. Topics include political-economic organization, conflict and social differentiation (class, ethnicity and gender), and cultural production and representation.
Philadelphia features prominently in discussion, reading and exploration as do global metropolitan comparisons through papers involving fieldwork, critical reading and planning/problem solving using qualitative and quantitative methods. Approach: Cross-Cultural Analysis (CC); Inquiry into the Past (IP). (Fall 2016)

**CITY B190 THE FORM OF THE CITY: URBAN FORM FROM ANTIQUITY TO THE PRESENT**  
*Thomas Morton*  
This course studies the city as a three-dimensional artifact. A variety of factors—geography, economic and population structure, politics, planning, and aesthetics—are considered as determinants of urban form. Approach: Cross-Cultural Analysis (CC); Inquiry into the Past (IP). (Spring 2017)

**CITY B201 INTRODUCTION TO GIS FOR SOCIAL AND ENVIRONMENTAL ANALYSIS**  
*Staff*  
This course is designed to introduce the foundations of GIS with emphasis on applications for social and environmental analysis. It deals with basic principles of GIS and its use in spatial analysis and information management. Ultimately, students will design and carry out research projects on topics of their own choosing. Approach: Quantitative Readiness Required (QR). Counts towards: Environmental Studies. (Not Offered 2016-2017)

**CITY B207 TOPICS IN URBAN STUDIES**  
*Staff*  
This is a topics course. Course content varies. Approach: Critical Interpretation (CI); Inquiry into the Past (IP). (Not Offered 2016-2017)

**CITY B217 RESEARCH METHODS IN THE SOCIAL SCIENCES**  
*Staff*  
This is a topics course. Course content varies. Current topic description: In this course, we will focus on the processes of research and on “learning by doing.” The course encompasses quantitative and qualitative techniques, and we will compare the strengths and weaknesses of each. We will calculate descriptive statistics and basic statistical analyses manually and with statistical software, followed by engagement with various methods (interviews, ethnographic observations, document analysis). Approach: Quantitative Methods (QM) (Spring 2017)

**CITY B218 TOPICS IN WORLD CITIES**  
*Staff*  
This is a topics course. Course content varies. An introduction to contemporary issues related to the urban environment. Approach: Cross-Cultural Analysis (CC). (Not Offered 2016-2017)

**CITY B226 INTRODUCTION TO ARCHITECTURAL DESIGN**  
*Daniela Voith, Samuel Olshin*  
This studio design course introduces the principles of architectural design. Suggested preparation: drawing, some history of architecture, and permission of instructor. Approach: Critical Interpretation (CI). (Fall 2016)

**CITY B227 TOPICS IN MODERN PLANNING**  
*Staff*  
This is a topics course. Course content varies. Approach: Cross-Cultural Analysis (CC); Inquiry into the Past (IP). (Not Offered 2016-2017)

**CITY B228 PROBLEMS IN ARCHITECTURAL DESIGN**  
*Daniela Voith, Samuel Olshin*  
A continuation of CITY 226 at a more advanced level. Prerequisite(s): CITY B226 or permission of instructor. Approach: Course does not meet an Approach. (Spring 2017)

**CITY B229 TOPICS IN COMPARATIVE URBANISM**  
*Gary McDonogh*  
This is a topics course. Course content varies. Approach: Cross-Cultural Analysis (CC); Inquiry into the Past (IP). Major Writing Requirement: Writing Intensive. Counts towards: Latin American, Iberian and Latina/o Studies

*Spring 2017: Colonial and Post-Colonial Cities. Probing the relations of power at the heart of power and society in many cities worldwide, this class uses case studies to test urban theory, forms and practice. In order to grapple with colonialism and its aftermaths, we will focus on cities in North Africa, France, Ireland, Hong Kong and Cuba, systematically exploring research, writing and insights from systematic interdisciplinary*
GROWTH AND STRUCTURE OF CITIES AT Bryn Mawr college

comparisons.

CITY B241 BUILDING GREEN: SUSTAINABLE DESIGN PAST AND PRESENT

Staff
At a time when more than half of the human population lives in cities, the design of the built environment is of key importance. This course is designed for students to investigate issues of sustainability in architecture. A close reading of texts and careful analysis of buildings and cities will help us understand the terms and practices of architectural design and the importance of ecological, economic, political, cultural, social sustainability over time and through space. Approach: Cross-Cultural Analysis (CC); Inquiry into the Past (IP). Counts towards: Environmental Studies; Praxis Program. (Not Offered 2016-2017)

CITY B250 TOPICS: GROWTH & SPATIAL ORGANIZATION OF THE CITY

staff
This is a topics course. Course content varies. Approach: Inquiry into the Past (IP). Counts towards: Environmental Studies. (Not Offered 2016-2017)

CITY B254 HISTORY OF MODERN ARCHITECTURE

Thomas Morton
A survey of the development of modern architecture since the 18th century. The course focuses on international networks in the transmission of architectural ideas since 1890. Approach: Cross-Cultural Analysis (CC); Inquiry into the Past (IP). (Fall 2016)

CITY B255 SURVEY OF AMERICAN ARCHITECTURE

Jeffrey Cohen
This survey course examines architecture within the global framework of “the modern.” Through an introduction to an architectural canon of works and figures, it seeks to foster a critical consideration of modernity, modernization, and modernism. The course explores each as a category of meaning that framed the theory and practice of architecture as a cultural, political, social, and technological enterprise. It also uses these conjugates to study the modes by which architecture may be said to have framed history. We will study practical and discursive activity that formed a dynamic field within which many of the contradictions of “the modern” were made visible (and visual) through architecture. In this course, we will engage architectural concepts and designs by studying drawings and buildings closely within their historical context. We will examine spheres of reception for architecture and its theoretical, discursive, and cultural life through a variety of media: buildings of course, but also journals, books, and film. We will also investigate architecture as a site and subject for critical inquiry. In particular, we will see what it may tell us about the globalization and politics of the twentieth century, and about history, theory, and criticism as epistemological tracks. Approach: Critical Interpretation (CI); Inquiry into the Past (IP). (Spring 2017)

CITY B278 AMERICAN ENVIRONMENTAL HISTORY

Staff
This course explores major themes of American environmental history, examining changes in the American landscape, the history of ideas about nature and the interaction between the two. Students will study definitions of nature, environment, and environmental history while investigating interactions between Americans and their physical worlds. Approach: Inquiry into the Past (IP). Counts towards: Environmental Studies. (Not Offered 2016-2017)

CITY B298 TOPICS: ADVANCED RESEARCH METHODS

Staff
This is a topics course. Course content varies. Approach: Course does not meet an Approach Fall 2016: Junior Seminar. We will focus on bringing together methods, theories, data and research ethics in preliminary preparation for your senior thesis and/or summer research projects (HHG/CPGC). Class will for the first quarter/the first half of the semester. Weekly mini-assignments and in-class exercises are designed to help you prepare for your final project - a research proposal.

Spring 2017: Junior Seminar. We will focus on bringing together methods, theories, data and research ethics in preliminary preparation for your senior thesis and/or summer research projects (HHG/CPGC). Class will for the first quarter/the first half of the semester. Weekly mini-assignments

Haverford College Catalog 2016-2017
and in-class exercises are designed to help you prepare for your final project - a research proposal.

CITY B304 DISASTER, WAR AND REBUILDING IN THE JAPANESE CITY

Staff
Natural and man-made disasters have destroyed Japanese cities regularly. Rebuilding generally ensued at a very rapid pace, often as a continuation of the past. Following a brief examination of literature on disaster and rebuilding and a historical overview of architectural and urban history in Japan, this course explores the reasons for historical transformations large and small. It specifically argues that rebuilding was mostly the result of traditions, whereas transformation of urban space occurred primarily as a result of political and socio-economic change. Focusing on the period since the Meiji restoration of 1868, we ask: How did reconstruction after natural and man-made disasters shape the contemporary Japanese landscape? We will explore specifically the destruction and rebuilding after the 1891 Nobi earthquake, the 1923 Great Kanto earthquake that leveled Tokyo and Yokohama, the bombing of more than 200 cities in World War II and their rebuilding, as well as the 1995 Great Hanshin earthquake that destroyed Kobe and its reconstruction. In the context of the long history of destruction and rebuilding we will finally explore the recent disaster in Fukushima 2011. Through the story of disaster and rebuilding emerge different approaches to permanence and change, to urban livability, the environment and sustainability. (Not Offered 2016-2017)

CITY B306 ADVANCED FIELDWORK TECHNIQUES: PLACES IN TIME

Jeffrey Cohen
A workshop for research into the histories of places, intended to bring students into contact with some of the raw materials of architectural and urban history. A focus will be placed on historical images and texts, and on creating engaging informational experiences that are transparent to their evidentiary basis. (Spring 2017)

CITY B318 TOPICS IN URBAN SOCIAL AND CULTURAL THEORY

This is a topics course. Course content varies.

Spring 2017: “Public” in Policy and Planning. Public participation is a common part of the policy development, adoption, and implementation process in all levels of government and across a wide range of issues, including urban planning, transportation, environmental protection, education, and public health. This course will explore who that public is and how public participation interacts with the policy process, why it matters for the functioning of democracy, and how different ways of engaging the public serve different interests.

CITY B325 TOPICS IN SOCIAL HISTORY

Staff
This a topics course that explores various themes in American social history. Course content varies. (Fall 2016)

CITY B329 ADVANCED TOPICS IN URBAN ENVIRONMENTS

Staff
This is a topics course. Course content varies. Counts towards: Environmental Studies. (Not Offered 2016-2017)

CITY B335 TOPICS IN CITY AND MEDIA

Gary McDonogh
This is a topics course. Course content varies.

Spring 2017: Public/Private/Control/Freedom. Cities demand and create information. Urbanism has thrived on, through and by media from monumental constructions to newspapers and film to today’s social networks. This seminar explores global practices, major theoretical debates, social exclusions and resistance, and diasporic extensions of the mediated city. Looking through the prism of public, counter-public and private spheres we examine the dialectic of control and freedom these urbane connections embody.

CITY B345 ADVANCED TOPICS IN ENVIRONMENT AND SOCIETY

Staff
This is a topics course. Topics vary. Counts towards: Environmental Studies. (Not Offered 2016-2017)

CITY B360 TOPICS: URBAN CULTURE AND SOCIETY

Thomas Morton
This is a topics course. Course content varies.

Fall 2016: City of Rome. In this seminar we will
study the city of Rome through time and space and will start with the city’s mythical founding and work our way through contemporary Rome. Focal points will include: the Roman Empire, the urban planning of the Baroque popes, Mussolini’s ‘Third Rome,’ and the contemporary city of Renzo Piano, Richard Meier, and Zaha Hadid. Throughout this discussion-based course we will examine innumerable issues, such as the use and abuse of the past throughout the city’s long history.

**CITY B365 TOPICS: TECHNIQUES OF THE CITY**

*Staff*

This is a topics course. Course content varies.
Prerequisite: Student must have taken at least one social science course.

*Spring 2017: City and Military.* This course is the social scientific examination of how the military and city interact. We will explore the social, cultural, political, and geographic processes, interactions, and consequences of the military.

**CITY B377 TOPICS IN MODERN ARCHITECTURE**

*Staff*

This is a topics course on modern architecture. Topics vary. (Not Offered 2016-2017)

**CITY B378 FORMATIVE LANDSCAPES: THE ARCHITECTURE AND PLANNING OF AMERICAN COLLEGIATE CAMPUSES**

*Staff*

The campus and buildings familiar to us here at the College reflect a long and rich design conversation regarding communicative form, architectural innovation, and orchestrated planning. This course will explore that conversation through varied examples, key models, and shaping conceptions over time. (Not Offered 2016-2017)

**CITY B398 SENIOR SEMINAR**

*Staff*

An intensive research seminar designed to guide students in writing a senior thesis. (Fall 2016)

**CITY B403 INDEPENDENT STUDY**

*Staff*

(Fall 2016, Spring 2017)

**CITY B415 TEACHING ASSISTANT**

*Gary McDonogh*

An exploration of course planning, pedagogy and creative thinking as students work to help others understand pathways they have already explored in introductory and writing classes. This opportunity is available only to advanced students of highest standing by professorial invitation. (Fall 2016)

**CITY B425 PRAXIS III: INDEPENDENT STUDY**

*Staff*

Praxis III courses are Independent Study courses and are developed by individual students, in collaboration with faculty and field supervisors. A Praxis courses is distinguished by genuine collaboration with fieldsite organizations and by a dynamic process of reflection that incorporates lessons learned in the field into the classroom setting and applies theoretical understanding gained through classroom study to work done in the broader community. Counts towards: Praxis Program. (Not Offered 2016-2017)

**CITY B278 AMERICAN ENVIRONMENTAL HISTORY**

*Staff*

This course explores major themes of American environmental history, examining changes in the American landscape, the history of ideas about nature and the interaction between the two. Students will study definitions of nature, environment, and environmental history while investigating interactions between Americans and their physical worlds. Approach: Inquiry into the Past (IP). Counts towards: Environmental Studies. (Not Offered 2016-2017)

**CITY B345 ADVANCED TOPICS IN ENVIRONMENT AND SOCIETY**

*Staff*

This is a topics course. Topics vary. Counts towards: Environmental Studies. (Not Offered 2016-2017)