

Criminal Architecture

2CHAINZ



Pretty Girls
TRAP
MUSIC

This course will examine music videos and the methods through which they utilize spaces typically viewed as criminal. Students will diagram the spatialization of criminality with the goal of shooting their own criminal video.

2020

UNIVERSITY OF MIAMI SOA

LIVING IN A TROPICAL LANDSCAPE

A VISUAL TOOLKIT:
OLD MODELS FOR
FUTURE BUILDINGS



COURSE DESCRIPTION:

This seminar explores the material selection and the systematic (architectonic) assembly of residential architecture designed between the late 1920s through the 1960s. Architects working in different parts of the country developed their own regional interpretations of the International Style by turning to local landscape, climate, and materials to inform their designs. In an era of optimism and experimentation, these architects married building traditions with passive systems, new technologies, and innovative construction techniques. Emphasis on construction methodology was central to their work and became a model for sustainable design, particularly in tropical climates such as South Florida and Los Angeles – as well as in New England.

Students will research local architects and other post-war architects from around the country whose work was sensitive to the climate in which they work(ed). In the course, each student will analyze his or her assigned architect and respective project. Using the original construction documents of the building, each student will then “redraw” and essentially “reconstruct” the structure through axonometric and sectional perspectives. Learning construction through drawing, students will gain a deeper understanding of material assembly, connections, and construction, all in relationship to climate.

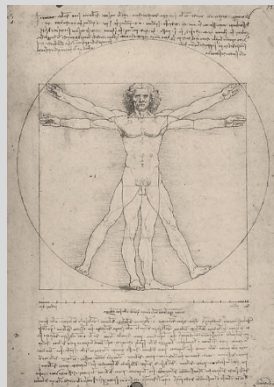
Coursework is also designed to impart specific skills associated with the development of architectural ideas as well as their visual representation. These skills range from techniques of hand drafting, to generation of 3-D computer models, diagramming, and computing. Through weekly and bi-weekly exercises, students gain a deeper understanding of the principles that lie at the core of each drawing technique.

ARC 574/674 RENAISSANCE ARCHITECTURE

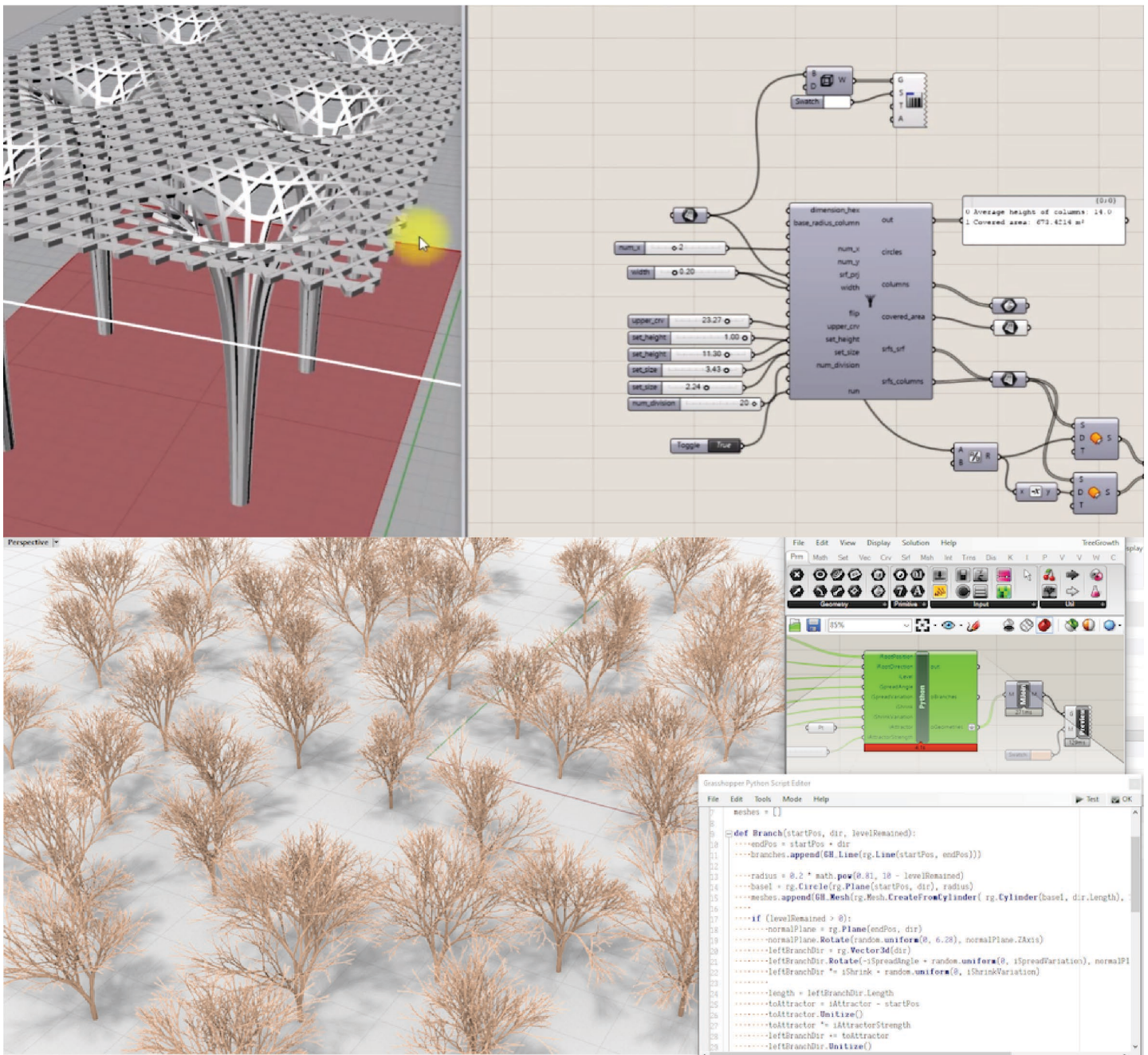
Spring 2019
Victor Deupi



As we consider the shape of cities and the role of monuments within them in the twenty first century, it is worthwhile examining how architects and patrons of the past dealt with similar issues when they first set about articulating a modern (humane) world view. The Renaissance counts among the most fruitful eras of experimentation in architecture and urban design, and it continue to exert a strong influence on the west today. This course surveys the architecture and urbanism of fifteenth through early eighteenth-century Europe, focusing primarily on Italy. Topics of study include the Renaissance revival of classical antiquity, the changing nature of architectural practice, the role of religious orders like the Jesuits in the dissemination of architectural style and taste, and the importance of illustrated books in advancing theoretical and practical notions about architecture and the city.



NB This course contributes to the Classical Certificate in Architecture



INTRODUCTION TO PROGRAMMING FOR ARCHITECTS

ARC 583.683

TUESDAYS + THURSDAY 2:00 - 3:30 PM

Christopher Chung

As digital tools continue to play an increasing role in the Architect's toolkit, it is becoming increasingly important that Architects not only understand how to use and navigate these tools but to customize and adapt them to their specific needs. Learning how to program allows Architects to start to fully utilize the potential in digital tools by maximizing the possibilities in not only 3D modeling and digital fabrication but in responsive architecture, embedded computation and animating spaces contributing to a more dynamic and potentially inter-connected built environment.

The course will be working with Grasshopper for Rhino, a popular visual programming IDE for computational design, exploring common scripting algorithms such as – Attractor Points, Cull patterns, Surface Box Morphs, Geometry distribution, and Surface Panelization – while understanding the basic underlying data structures of Lists and Data Trees. Basic Python scripting will be introduced as the course progresses, allowing students to understand how to create custom components while also being exposed to fundamental programming concepts. Finally, the course will explore the various digital fabrication technologies as students learn how to translate their digital creations into physical prototypes.



MADE IN MIAMI

In 1986, Terunobu Fujimori and Genpei Akasegawa founded the Street Observation Society in Japan. The members of this Society came together to search for moments of beauty found in ordinary, everyday places. The group's activities were primarily a fusion of two complementary approaches to looking at the city including: historical fieldwork and the analysis of overlooked buildings throughout urban Japan; and the Dadaist sensibility of identifying and categorizing readymade objects lying latent in the streets of Tokyo.¹

Inspired by their efforts, MADE IN MIAMI will observe, analyze, and record the material culture and vernacular traditions of Miami, searching for the unique characteristics that arise from an understanding of the poetics of the prosaic. The course will be structured with informal lectures followed by a series of walks throughout the city's key neighborhoods. Students will be asked to function as urban detectives, recording their discoveries (by way of photography and drawing) to uncover an alternate reading of the city not readily advertised or promoted in contemporary depictions of Miami.

Faculty: Adib Cure, Spring 2020

¹ Daniell, Thomas. "Just Looking, The Origins of the Street Observation Society" in AA Files 64, pp. 60-68.



SCHOOL of ARCHITECTURE

ARC 586 – U1 Special Problems ARC 686 – U1 Special Problems CMA 642 – U1 Emerging Technologies in Design and Construction

Instructor: Adam Demler

The course will review, use, discuss and study the application of emerging technologies in design and construction. Students must have previous knowledge of BIM and associated software like Revit as well as a very strong interest in technology.

Many students simply do not understand the myriad of technologies that will confront them in the workplace and what will be required of them in 21st century practice. This course helps architecture and construction management students prepare for what currently exists and what is emerging. The course is intensive, practical and comprehensive.

Subjects covered include advanced BIM practices, information management skills, industry adopted standards, emerging visualization tools, visual programming methods, new materials, building fabrication methods, IoT, ai and machine learning.

STUDIES OF HAVANA

500TH ANNIVERSARY 1519 -2019

SPRING 2020

ARC 546 & 646

THURSDAYS 5:00 -7:40 PM



Since 1996 STUDIES OF HAVANA performed several journeys around Cuba, helped by an extensive collection of photographs, maps, drawings, movies and documentaries. The seminar will discuss the new policies implemented by the Cuban government and the future scenarios in the current times of changes. SOLH will examine the disciplines of PRESERVATION, RETROFIT, RECONSTRUCTION, REHABILITATION, RESTORATION, CONSERVATION, NEW CONSTRUCTION & URBAN CODES.

The students will enjoy Havana's magnificent architecture; its eclectic urban fabric, promenades and gardens, monuments and the vernacular and industrial heritage. The class will attend complementary activities such as field trips, symposiums and lectures. Frequently, notable scholars from Cuba are invited to the class.

In addition to the regular lectures at UM CCS Visualization Lab; the class will attend festivals, exhibitions, plays, concerts, traditional meals, and will take part of diverse cultural events host by local institutions such as the Spanish Cultural Center, CubaOcho Museum and Performing Arts Center and the remarkable University of Miami's Cuban Heritage Collection Archives.

(Please watch HBO Fatherland or Death - min 25 <https://youtu.be/DT0IP4YAwdA>)

For further questions please contact Rafael Fornés at (786) 262-7186 or rfornes@miami.edu



HOTEL DESIGN, PLANNING & DEVELOPMENT

A **PROJECT** BASED WORKSHOP
HOSPITALITY BASICS FOR A SUCCESSFUL PROJECT

HOSPITALITY DEVELOPMENT THROUGH THE CONCEPT AND SCHEMATIC PHASES.

PROGRAM BASIC STRUCTURE

HOSPITALITY ESSENTIALS
FEASIBILITY STUDIES
ARCHITECTURAL CONCEPT
STORYTELLING PRESENTATION
PROJECT DEVELOPMENT
BUDGETING REVIEW
FINAL PRESENTATION

- DEFINING WHAT MAKES AN HOTEL SUCCESSFUL
- HOTEL TYPE, CATEGORY & BRAND SELECTION
- DESIGN THAT MATCHES YOUR CLIENT REQUIREMENTS
- SELLING YOUR IDEAS
- BRINGING CONSULTANTS ON BOARD
- PROFORMA AND VALUE ENGINEERING
- MAKE YOUR PROJECT A REALITY

PROGRAM WILL FEATURE EXPERT GUEST SPEAKERS, WORKSHOPS AND SITE VISITS.
A VISIT TO HOTEL BRAND HEADQUARTERS IN THE WASHINGTON DC AREA IS PLANNED, DETAILS TO FOLLOW



Contemporary Latin American Architecture

Spring 2019 3 credits ARC 560/660 T/TH 6:25-7:40 Prof. Jose A. Gelabert-Navia

An examination of Contemporary Latin American Architecture and Urbanism from the turn of the 20th Century to the present day. The work of some of the great figures on Latin American Modernism such as *Niemeyer* and *Barragan*, to contemporary figures such as *Paulo Mendes da Rocha* and *Isay Weinfeld* will be discussed. The influence of the Modern Movement in Europe and *Le Corbusier* will be reviewed. Large scale City Plans such as *Lucio Costa's Plan for Brasilia* and *Roberto Burle-Marx's designs for Flamengo Park and Copacabana* in Rio de Janeiro will be analyzed.

The course meets twice a week for a lecture/seminar. There will be assigned readings to complement the lectures. Attendance and two Term Papers are required: The first on a specific building that was significant to the Movement and the Final Project on the work of an individual Architect.



Mercado Modelo - Henry Gazon Bona - Santo Domingo, Zona Colonial - 1942

Santo Domingo Modern

ARC 585/685

Architecture Elective | Spring 2020 | T 2:00-4:30 (*COURSE WILL BEGIN TUESDAY FEB. 4*)

Instructor: Carmen Guerrero

SANTO DOMINGO MODERN emerges from an interest in the conservation of modern heritage in the first city of the new world. Santo Domingo located in the Dominican Republic was founded as an early experiment in city planning in the 15th century. Its original core, known as the “zona colonial” or coined more recently as “la zona” became the scene of solid constructions built in stone and came to represent, on foreign soil, the prevailing European artistic currents of the 15th through the 20th centuries. Owing to the variety of themes concentrated in this compact district, such as renaissance, baroque, late gothic and modern, architectural diversity is one of the most poignant qualities of the place. In 1990 the district was declared a UNESCO World Heritage site and moving forward, local preservation policies were enacted and enforced. Most of the preservation efforts, however, are centered on the architecture of the 15th-19th centuries leaving the modern heritage to decline.

In collaboration with local authorities and partner institutions this elective course will explore the modern heritage of Santo Domingo’s Zona Colonial. Students will produce new research and materials to be used in future publications and exhibitions. More importantly, the coursework will contribute to promoting preservation and conservation of modern architecture in the Caribbean.

A faculty- led field trip to Santo Domingo will be optional.



Image courtesy
Architectural Archives
University of Pennsylvania

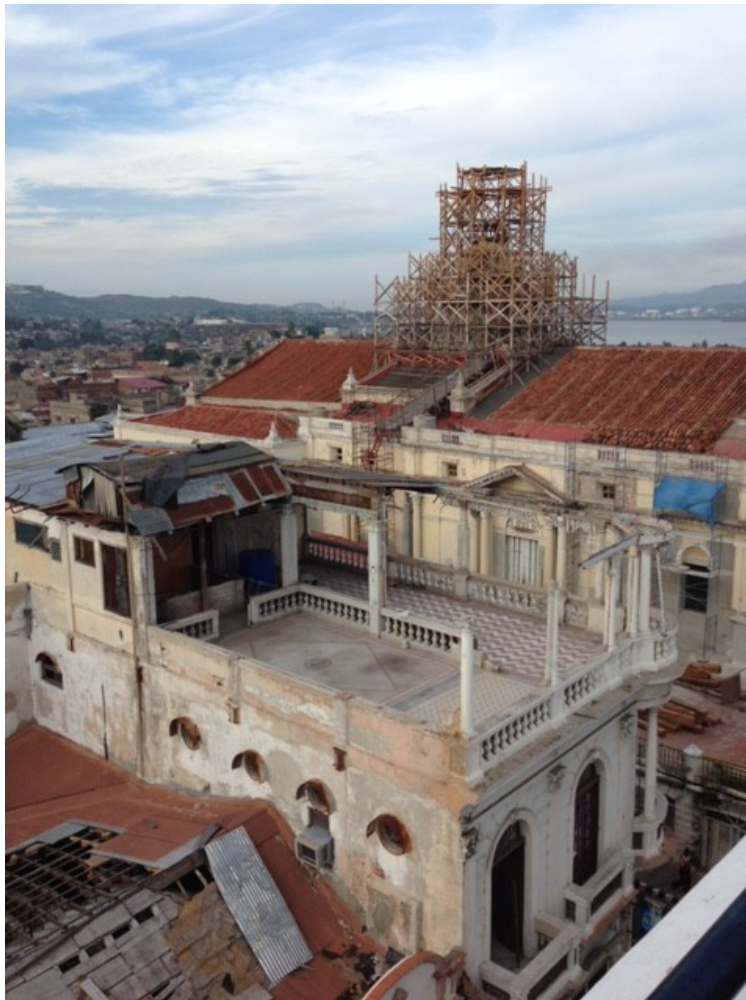
On *Design with Nature*

Site Planning in the Era of Performative Analytics & Climate Uncertainty

Fifty years after the publication of Ian McHarg's *Design with Nature*, the tools and the rules of site planning have fundamentally evolved. The observed history of climate data established the foundation of present-day climate modeling projections and the early McHarg's transparent overlay analyses have evolved to the advanced layering of ArcGIS modeling. Further, new knowledge has expanded understanding of effective environmental stewardship and the methods and impacts of sustainable design, both of which provide new fundamentals necessary for responsive site planning. This course reviews the McHarg methodology in the context of current conditions and tools to address contemporary site design techniques and issues. Readings, software and discussion will focus on specific projects sites to explore a range of analyses and design proposals.

3-Credit Elective Seminar – Spring Semester 2020 - Denis Hector, Faculty

ARC 528/628
Spring 2020
INTRODUCTION TO HISTORIC PRESERVATION
Prof. Jorge L. Hernandez



Cathedral of Santiago de Cuba, restoration of the wooden dome

The goal of this historic preservation course is to familiarize students with the foundational concepts, principals and history of cultural heritage stewardship. The course provides a general introduction to the history and theory of historic preservation and includes examples of cultural heritage stewardship fundamental to the engagement of cultural resources planning and management. Instruction is conducted in a lecture and seminar format. Learning resources include selected readings and require that students come prepared to engage in class discussions and debate the topics of each assignment.

ULI

ULI / Hines Student Competition Elective

2020
13 - 27

January 2020

3 Credits

Faculty: Veruska Vasconez

Associated ULI Hines Faculty Team:

Architecture & Urban Design, Elizabeth Plater-Zyberk, Joanna Lombard, Veruska Vasconez; Real Estate Development + Urbanism, Chuck Bohl, Mark Troen; Business School, Alex Morcate

Description:

The ULI Hines Student Competition Elective is an intensive charrette. Working daily over the course of the two-week competition period, students develop and produce a comprehensive ULI Hines Competition submission for an integrated urban design and development proposal for a large-scale, urban site with representation of design, as well as marketing, and financial projections. The specific project requirements will be released at the competition opening. The requirements of previous years have been: a 72" x 36" presentation board of the design proposal; a development pro forma; a 500-word narrative summarizing the design and development plan; and a 500-word narrative describing the financing plan. The faculty members structure the two-week engagement through a series of information sessions, critiques and reviews with invited experts. The primary goal is for each student to emerge with a significant understanding of the process of originating a development proposal in its entirety, and representing the proposal as a transformative urban project and effective investment opportunity.

Eligibility:

Graduate Student status and 5th-year B.Arch. students

Advance Requirements:

Team assembly and Registration by 13 December 2019.

Register Oct. 1 – Dec. 13, 2019

Each team is required to have 5 members, with at least 3 disciplines represented on the team- ideally, M.Urban Design; M. Real Estate Development +Urbanism; M. Business Administration; M.Architecture I/II ; B.Architecture (5th year). When the Competition Registration opens, teams submit an online application with each team member's name, résumé, and confirmation of academic program enrollment to demonstrate that the team meets the criteria for interdisciplinary participation. ULI/Hines will review the team application and send an email confirming team eligibility.

Post Course Options:

Internal Review and ULI/Hines Student Competition Jury Process

UM holds an internal review of the UM submissions with internal awards. The ULI/Hines Jury meets in February to select 4 finalists, and fund a member of each finalist team to visit the site. Finalists then expand their original proposal to greater detail. The 2018 Competition awarded the UM "Garden District" proposal an Honorable Mention. In 2016, the UM "Matrix" team was one of the four finalists. The ULI/Hines Student Competition Elective/Studio faculty team will continue to provide assistance as needed. In April, ULI/Hines funds the 4 finalist teams to travel to the site to participate in a mandatory dress rehearsal with an advisory jury of local experts. The following day, each team presents to the full jury, ULI guests, students, and others in a public event, after which the winning team receives \$50,000 and the finalist teams receive \$10,000 each.

ULI Hines Website:

<http://uli.org/programs/awards-competitions/hines-student-design-competition>

URBAN DESIGN STUDIO

2 Urban Design Studio Spring 2019 6 Credits

0 Faculty: Joanna Lombard, jlombard@miami.edu; Associated Faculty Team: School of Architecture- Elizabeth Plater-Zyberk Director of Urban Design; Veruska Vasconez, v.vasconez@miami.edu; Real Estate Development + Urbanism Chuck Bohl, Director, Mark Troen, Business School, Alex Morcate; McCord: Gonzalo Echeverria, Ryan McCord & Development Team

1 The Spring 2019 Urban Design Studio explores the challenges of responsive urban infill in two projects: a major redevelopment proposal through the ULI Hines Student Competition; and a new, wellness-focused district near Houston, Texas. Each project provides a diverse group of clients, constituents and consultants, coordinated to enable students to develop the ability to apply urban planning principles in distinctive locations with the potential for informing local development.

8 ULI Hines Student Competition: 14-28 January
The project for an integrated urban design and development proposal for a large-scale, urban site commences on Monday 14 January at 10am EST with the release of the site and project brief. The UM Faculty Team will provide technical assistance to the teams throughout the two-week competition and for those teams reaching the finals in March and April. Finalist teams receive \$10,000; the winning team, \$50,000 (see ULI/Hines Student Competition FAQs for more info; team registrations are due by 10 December 2017).

Health & Wellness District, Generation Park, Texas: 30 February – 24 April
(Site workshop in Houston scheduled for Thursday-Saturday, 15-17 February 2019)
Building on the vision, principles, and processes established for Generation Park in northeast Houston, the studio will focus on proposals for a new Health & Wellness District in an area southwest of Redemption Square. This new district is intended to address the potential for re-imagining healthcare as an ecosystem of wellness through the development of a community that provides a panorama of opportunities for healthy living and healthcare across the spectrum of life.

The studio will work in collaboration with Generation Park's leadership on the McCord Development team, as well as with students and faculty in the Real Estate Development + Urbanism, Health Management and Policy, and Miller School of Medicine to advance informed, integrated and innovative proposals. Three major events supplemental to the Monday/Wednesday studio meetings will provide deep knowledge and inspiration through direct experience –the UM Real Estate Impact Conference, Site Immersion hosted by the McCord Development Team, and the UM Business of Health Care Conference.

Each of the studio teams will benefit from both studio-based multidisciplinary investigation and collaborations across the disciplines with leading professionals and the McCord team. A continuity of communication throughout the semester will enable rapid response as ideas are proposed, analyzed, developed and refined. The results of this dynamic exploration of possibilities for a community at the intersection of health and wellness, economics, real estate, environment, climate, and visionary planning will be shared with the McCord team in a final presentation at the end of the semester, and will conclude with the submission of a project Prospectus from each team.

Embedded Links:

ULI Hines Website: <http://uli.org/programs/awards-competitions/hines-student-design-competition>

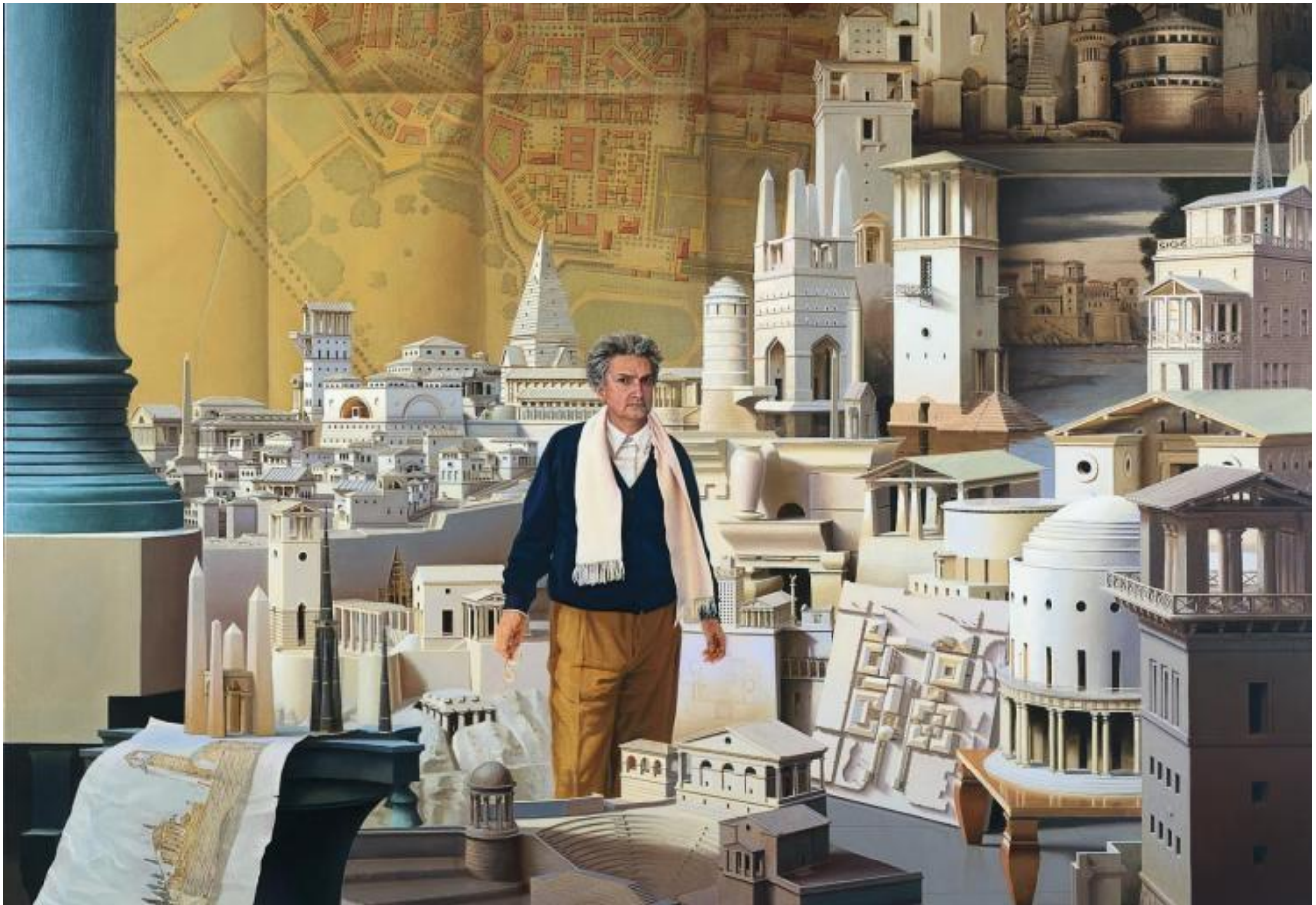
Generation Park: <http://generationpark.com>

Real Estate Impact Conference: <https://real-estate-impact.miami.edu/>

Business of Health Care Conference: <https://www.bus.miami.edu/thought-leadership/business-conferences/business-health-conference/2019/index.html>

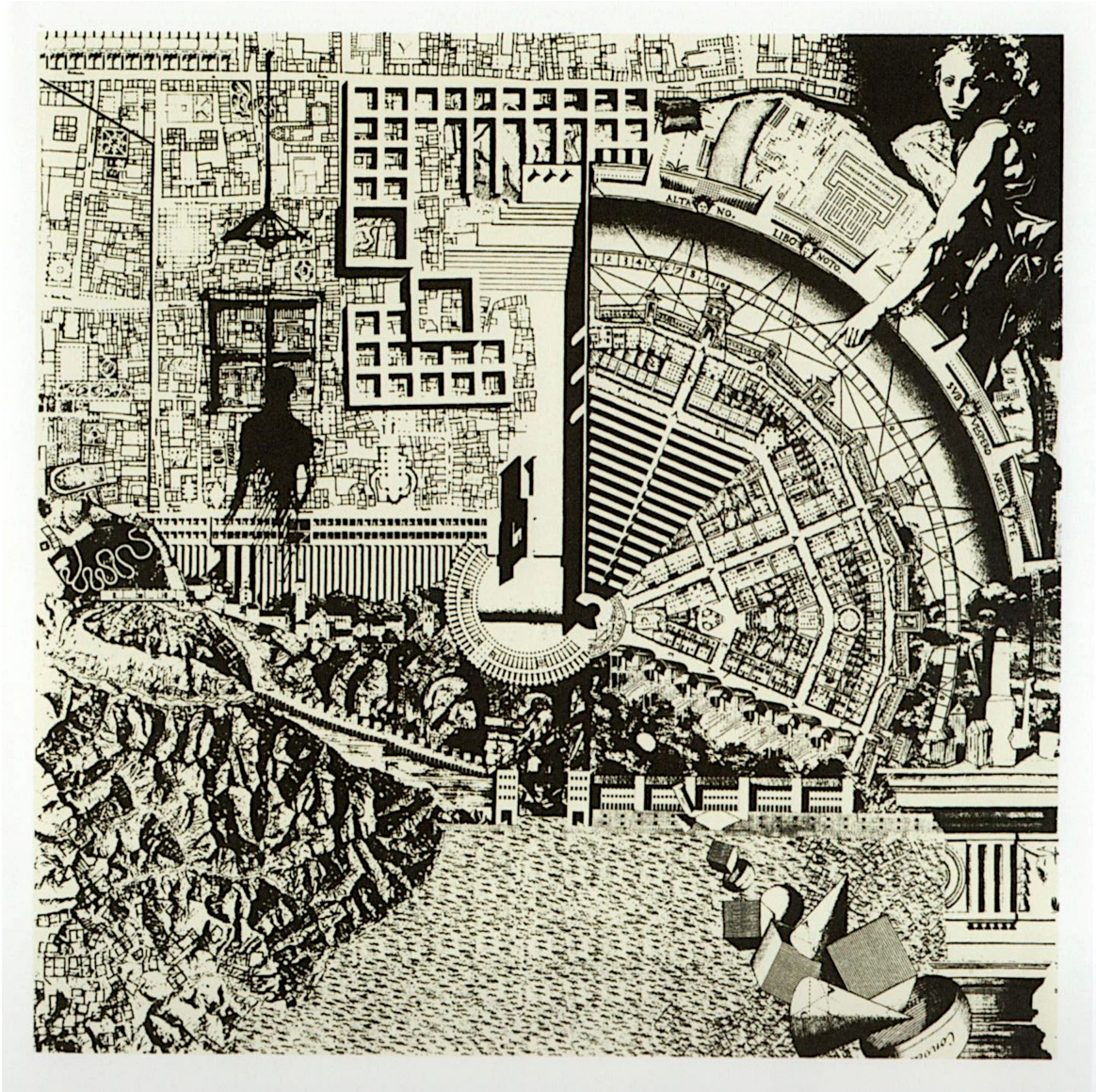
LEON KRIER AND THE CRITIQUE OF MODERN ARCHITECTURE

Dr. Richard John



The architect, polemicist and urban designer Léon Krier has been one of the most influential and controversial figures in European and American architecture and urbanism of the last fifty years. He is the intellectual godfather of the New Urbanist movement which is transforming patterns of development across the globe. Locally, he has played a key role in the evolution of the UM SoA, designing our signature building, as well as the Town Hall in Windsor, FL, and his own house at Seaside.

This research seminar will focus on Krier's development as an intellectual and a designer through analysis of his teaching, writings, drawings, buildings, and master plans. The major influences and interactions in Krier's life will also be investigated, including: Le Corbusier, James Stirling, Rob Krier, The Architectural Association, Peter Eisenman, Colin Rowe, Michael Graves, Aldo Rossi, Massimo Scolari, Maurice Culot, Albert Speer, HRH The Prince of Wales, Andrés Duany, and Elizabeth Plater-Zyberk. This course counts as a History elective.



Aldo Rossi. *Città analoga*. 1976.

IMAGINING AND BUILDING THE METROPOLIS

The course is a complement to the History of the City (ARC 590). Lectures, films, readings, and students' presentations will focus on the 20th century city. Through a concentration of some of the most important Capital cities like Berlin, Vienna, Barcelona, Tokyo, and Rome, the course will highlight the realities, ideologies, and utopias of the 20th century metropolis. Among the themes will be the debate between small town and metropolis, the Charter of Athens, Team X, New Towns and Neighborhood Units, Metabolism, Townscape, Aldo Rossi's concept of the Analogous City, the Reconstruction of the European City, as well as an introduction to the history of its preservation. Semester's works will include presentation of readings and graphic analysis of specific case studies.

ARC 539/639: Adaptation to Climate Change
Professor Elizabeth Plater-Zyberk
Spring 2020
Tuesdays: 6:25pm – 9:05pm



This upper and graduate level elective seminar introduces students to the topic of climate change and its related discussion. The course reviews current scientific evidence, the potential mitigation of emissions and other causal actions, and the adaptations required by changing conditions.

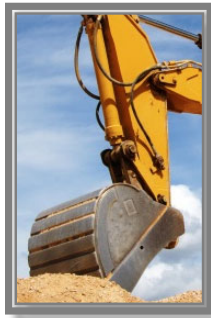
The global concerns of our time - rapid consumption of non-renewable resources, shrinking habitat of flora and fauna, toxic emissions into air, water and earth, and human crowding in un-healthy conditions - all present challenges that require urgent creative responses. Related to all these is the overarching natural phenomenon of climate change.

While scientists study its evolving conditions with a steady rate of benchmark announcements, for non-scientist observers, the information may seem confusing and the prospects overwhelming. It is difficult to assess one's own role in the problems or potential responses.

This course provides students with a foundation of basic knowledge as a framework for personal and professional response to evolving conditions. It engages students in the active search for solutions to certain phenomena that threaten quality of life and, in certain cases, the ultimate viability of human habitation.

The course will include visiting speakers, a visit to the site of recent adaptation initiatives, and two assignments – the first a review of mitigation methods, and the second a creative proposal for adaptation of the built environment.

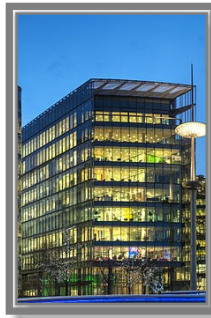
CONSTRUCTION MANAGEMENT



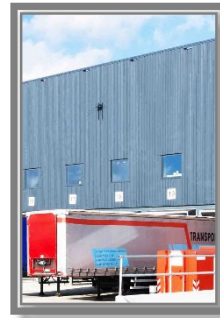
LAND



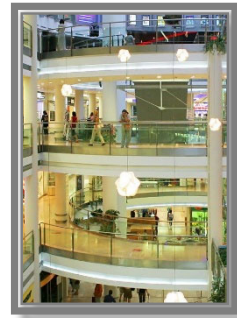
MULTI-FAMILY



OFFICE



INDUSTRIAL



RETAIL

ARC 584

SPRING 2020

T 6:35 - 9:20

INSTRUCTOR: VICTOR SANTANA RA, LEED AP

Real estate development is a collaborative, multi-disciplinary effort in which a group of professionals contribute their expertise to a project in a time-sensitive environment. Focusing on the five major development types: Land, Multi-Family, Office, Industrial and Retail; students will be introduced to the stages of development and the life cycle of a project. Due to the complexities of acquisitions, entitlements, financing, regulations, market fluctuations, and construction variances, the management of development projects has become a science. As a result, cost and time estimating tools have been established to assist in resource management and in the execution of projects.

Students will be exposed to the development types; risks and responsibilities of the stakeholders; project organization standards; legal structures, entities and contracts; cost and time estimating methods; and the economics of project financing. Through a series of lectures, invited guest lecturers from the profession and a hands-on construction schedule term project, students will have the knowledge and understanding necessary to make informed decisions and impact the success of projects.

FRAGMENTS

Contemporary Architectural Conditions



Luigi Ghirri, Ravenna, 1986

In a time of anything goes that shows no uniform theoretical agenda but rather a series of very personal explorations into the possibilities of space-making, this seminar seeks to explore six different notions – Presence, Surrealism, Archaism, Freedom, Space-Time, and Loss – of how to possibly frame the contemporary architectural condition. It is no secret that from an operative standpoint the internet has proven its worth: as a tool that enables the easy transfer of data and communication, it has revolutionized architectural working procedures and allowed numerous offices to build globally on an hitherto unknown, at least quantitative, scale. Besides, in recent years several blog-based architectural sites have arisen, which with their additive structures have demonstrated perfect ease to track down the ever new. Both in terms of their pace of collecting information and their array of outlook they make the classical project-oriented and printed periodical look outdated. Gathering dozens of yet unheard of voices, these sites allow for the first time in history architects from all parts of the world to be present in the architectural discourse, herewith shifting the focus from a former elite and American-European dominated debate towards new centers of activity. At the same time, however, also the culture of criticism and theoretical production has changed: while the architect increasingly seems to ‘just’ build but very rarely writes – in basic terms, he or she follows the project-oriented online-demand – it is often times hired historians that try à posteriori to analyze and situate their work. Counteracting that trend, this seminar will look precisely at the little that is written by mostly young, internationally working architects and position it in the wider conceptual framework of the six different notions mentioned above. In sum, the course intends to sharpen the students’ critical sense, work with their memories and personal interests, besides expanding their general architectural awareness of what are important issues being discussed today. In its format, it is highly interactive and discussion-based. Presentations on selected texts and offices are to be made throughout the semester, while a short paper on a chosen topic has to be handed in at the end.

University of Miami
School of Architecture

Florian Sauter
Elective Course, Spring 2020

Course Number
Time
Location

RED 650/ARC 583 – Complex Real Estate Transactions

Professor Mark L. Troen, FRICS
Spring 2020 - 3 credits

COURSE DESCRIPTION

This course analyzes real estate transactions and deal structuring from the developer's perspective. Using the case study method, the course explores the key components and the disciplines needed for successful real estate transactions and projects.

The class focuses on the complex nature of the real estate development process. Course materials, lectures, and case studies provide a detailed investigation and analysis of the essential disciplines and functional areas in the real estate development process including:

- Market & Financial Fundamentals
- Acquisition & Site Selection
- Entitlements & Public-Private Sector Issues
- Design & Construction
- Development Marketing
- Financing & Deal Structures
- Legal Issues
- Sales & Leasing
- Management & Operations

Deal-making aspects such as negotiation, structuring, and acquisition strategies are the focus. The course consists of lectures, case study assignments (individual and team), a mid-term exam & final group project. Guest speakers will include leading practitioners and developers from the local real estate community who will present real deals and lessons learned.

Each week, the case studies will highlight a central topic such as pro forma market & financial analysis, land development, land use regulation, dealing with the public sector and the community interests, planning & design, construction management, and the life cycle of deals.

COURSE OBJECTIVES

The course provides a rigorous decision-making framework that offers students a detailed understanding of the real estate development process. Students learn to recognize and analyze a broad range of real estate development issues and make effective managerial decisions.

The course also provides students with an understanding of the components and chronology of the real estate development process and how these elements can be integrated to create viable and successful projects. Students will understand the fundamentals of how to analyze, develop, and operate a broad range of real estate development projects.

Mondays
6:35 PM – 9:20 PM
Rinker Classroom / Perez Architecture Center
Theo Dickinson Drive
Coral Gables, Florida 33146

Mark L. Troen, FRICS
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MRED+U School of Architecture
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UNIVERSITY OF MIAMI ~ SCHOOL OF ARCHITECTURE

* H * A * B * S *

Spring 2016 ~ ARC 518 Special Problems Course ~ Teofilo Victoria & Ricardo Lopez, Instructors

HISTORIC AMERICAN BUILDINGS SURVEY

In 1933 the Park Service established the Historic American Buildings Survey following a proposal by Charles E. Peterson, a young Park Service landscape architect. It was founded as a make-work program for architects, draftsmen and photographers left jobless by the Great Depression. Guided by field instructions from Washington, D.C., the first HABS recorders were tasked with documenting a representative sampling of America's architectural heritage. By creating an archive of historic architecture, HABS provided a data base of primary source material for the then fledgling historic preservation movement.

Undergraduate and Graduate Architecture Students will produce Field Notes, Measured Drawings, and a Historical Report as per the Standards and Guidelines of the Historic American Buildings Survey for documentation and archival submission



Resiliency and Recovery of Cultural Patrimony in the Abaco Cays

Measured Drawings, Oral Histories and Historic Designation

Architecture and Urbanism, Historic Preservation, Classical and Vernacular Traditions in Social Geography and Material Culture, Planning, Sustainable Urban and Community Development, Transportation, Coastal Geographies and Engineering, Water Resource Management

Students will learn to use the HABS Standards and Guidelines for measuring and drawing historic buildings. The class will be required to travel to the site to produce field notes including proportional sketches and recorded dimensions of the subject buildings in their current conditions. The field trip to The Abacos, The Bahamas, will be funded by a grant to the School of Architecture and is scheduled to take place a week in advance of the Beginning of Classes for the Spring Term; from Sunday, January 5th to Saturday, January 11th. The documentation will be done in collaboration with the University of The Bahamas and The University of Miami Center for Computational Science. The drawings will be completed at the SoA and consists of a set of site and building floor plans, elevations, sections, and details, drawn and elaborated to the highest standards of the HABS program and with the intention of submitting to historic preservation offices for potential historic designation.