

SALA Graduate Electives
Spring 2009

ANP 494 (17239)- Johnson, R
Intro to 2-D Graphics- AutoCad

ANP 494 (17282)- Johnson, M
BIM Archicad

Introduction to designing buildings in 3D using the industry's oldest and most proven Building Information Modeling application, Archicad by Graphisoft. The course covers the basics of designing with BIM: modeling virtual buildings, extracting drawings from 3D models, capturing 3D graphics and renderings.

ANP 494 (20808)- Lloyd
BIM Revit

ANP 598 (19973)- Griffiths
Digital Fabrication

This course will investigate methods of fabrication that are derived from digital models specializing in advance laser cutting, CNC routing, mould making, and 3D printing techniques. You will develop techniques for interpreting sketch models in terms fabrication geometries, cutting patterns, extrusions etc leading you to an understanding of industry standard mass customization.

ANP 598 (26434)- Gino
Architecture and Animation

ANP 598 (25493)- Meunier
Desert Cities & Intricate Urbanism

Desert Cities and Intricate Urbanism will explore two notions that are important to the future of modern desert cities like Phoenix: what can we learn from other desert cities, particularly the ones that evolved before modern technology made it possible to ignore the challenges of their settings; and the development of an urbanism that is intellectually and experientially rewarding to the slower moving pedestrian who we might want to reinstate as the primary occupant of the public realm of the modern, compact, desert city.

APH 494 (19968)- Vekstein
Latin American Architecture/ Public Interest

Introductory studies on the architectural practice in the Latin American region, emphasizing the study and discovery of the theoretical common ideas developed through different paradigmatic works of the heroic avant-garde period of the years '50s and '60s, and its relationship to public interest issues/patterns developed in the works. The studies will also focus on how those patterns are still active and mark the architectural practice today, and the contemporary public interest issues coupled with those. The course will serve to form an organic background knowledge of the consistent works of a current young generation of architects and landscape architects operating in the region.

Lectures, slide projections, readings, case studies research, student paper presentations.

SALA Graduate Electives
Spring 2009

APH 494 (20122)- Morton

Architecture of the Eternal City: Rome of the Emperors, Popes, and Mussolini

In this class we will analyze the city of Rome through time and space. We will start with the city's mythical and legendary founding and work our way through contemporary Rome. Focal points will be the Augustan principate during the Roman Empire, the building and urban planning of the Baroque popes, and Mussolini's 'Third Rome'. Throughout this course we will examine intriguing theories, such as vertical urbanism, as well as ponder certain issues, such as the creation of the Roman Empire and its lasting impact on the city of Rome, the role of the popes in reshaping Rome, and the use and abuse of the past.

APH 581 (26586)- Underhill

Contemporary Urban Design

This course will be a seminar exploring the contemporary city and urban design issues in the contemporary city. After a brief introduction to establish a point of departure for the seminar, students will be required to thoroughly read two books, report to the class on the major ideas in those books, and lead a class discussion on the issues raised in the reading. The intent underlying this organization is to allow the class to cover more of the literature on the contemporary city by sharing our efforts.

To set the stage for our study, we will review classic works on the city to sharpen our understanding of the ideas that led to today's situation. Books will include *City Planning According to Artistic Principles* by Sitte, *Towns And Buildings* by Rasmussen, *The City* by Saarinen, *Can Our Cities Survive* by Sert, *Townscape* by Cullen, *Megalopolis* by Guttman, *The Living City* by Wright, *Image of the City* by Lynch, *The Radiant City* by LeCorbusier, *The Heart of Our Cities* by Gruen, *The Design of Cities* by Bacon, *The Death and Life of Great American Cities* by Jane Jacobs, *Looking at Cities* by Allan Jacobs, *The City* by Whyte, *The Architecture of the City* by Rossi, *Collage City* by Rowe, *Urban Space* by Krier, and *On Streets* by Anderson.

We will then go on to try to understand contemporary issues by reading *Learning From Las Vegas* by Venturi, *Making the Middle Landscape* by Rowe, *Megalopolis* by Olalquiaga, *Since Megalopolis* by Guttman, from *The Restless Urban Landscape* by Knox, *City of Quartz* by Davis, *Edge City* by Garreau, *The 100 Mile City* by Sudjic, from *Beyond the Urban Fringe* by Peirce, *The Urban Text* by Gandelsonas, *Towns and Town-Making Principles* by Duany and Plater Zyberk, *Edge City* by Holl, S, M, L, XL by Koolhaas, *Ladders* by Pope, *Post-Industrial Cities* by Savitch, *Event Cities* by Tschumi, *City Life* by Rybczynski, *Postmodern Urbanism* by Ellin, *Variations on a Theme Park* by Sorkin, *Building Suburbia* by Hayden, *The Geography of Nowhere* by Kunstler, *After the City* by Lerup, *The New Geography* by Kotkin, *Guide to Shopping* by Koolhaas and Inaba, and other newer books.

APH 598 (17328)- Zygas

Frank Lloyd Wright

A seminar examining the life, times, and creativity of Frank Lloyd Wright. Meeting once weekly, it will examine a limited selection of works which best expose his design premises and operative procedures. Required readings from selected works are on

SALA Graduate Electives
Spring 2009

APH 598 (17328)- Zygas

Frank Lloyd Wright (continued)

reserve in the library. Each student will select a topic which will first be presented in class, and, finally, as a 15 page term paper.

LPH 494 (20126)- Montemayor

Mexican Territories

The main objective of Mexican Territories will be the exploration, understanding, and analysis of Mexican inhabitation of territories through history, from pre-Hispanic times to today, departing from notable case studies of urban realms, designers, and architectural examples, focusing in the relationship and evolution between culture - society, economy, and politics- and the built physical environment. From hierarchical emblematic power structures to self developed, informal, emergent patterns, ending with an analysis of the contemporary situation of urbanism and architecture in relationship to the neighborhood of Mexico with the United States.

LPH 598 (TBA)- Steele

Home Grown

The Home Grown seminar examines agricultural landscapes, the trajectories of the commodities produced from them, and the broader implications of contemporary farming in a world of tightening resources. Students will be required to read, write and explore graphic interpretations of the research.

LTC 494 (17337)- Hull

Plant Materials