



Place CUA Syllabus Template
8.03.07

THE CATHOLIC UNIVERSITY OF AMERICA
SCHOOL OF ARCHITECTURE AND PLANNING

ARCH 505 GPS Architecture Design Studio in Cultural Studies
Fall 2011

Graduate or Undergraduate Syllabus offered to both groups

Credit Hours: 6 credit hours

Prerequisites/Department Consent required: Arch 503: Architectural Design III

Paris Studio

Les Récollets

150/154 rue Faubourg Saint-Martin

75010, Paris, France

Metro stop: Gar de l'Est, Lines 4, 5 and 7

Meeting Times:

Eleven weeks beginning Thursday, September 22, 2010 and ending Friday, December 16th, 2011, meeting three afternoons a week with an additional one afternoon (Tuesday) dedicated to informal one on one meetings with the studio head as required by individual students. (exclusive of 1-week field trip as noted in calendar)

Studio Preparation:

Monday, Wednesday and Thursday 13:00 to 18:00 (except when noted)

Tuesday 13:00 to 15:00 (extra critiques when required on an individual basis)

Instructor contact information: Professor Stanley Ira Hallet, FAIA

Paris Studio

Cell Phone: 06 37 99 39 07 (Stanley Hallet to be verified)

E-mail: shallet@starpower.net

Office Hours: Tuesday afternoons 13:00 to 18:00

Course Description (from Cardinal Station <http://cardinalstation.cua.edu>)

The Foreign Studies Program is an intensive 3-month summer program taking place in Italy and 2 different countries of Europe, varying from year to year. Various types of research, discussions, sketching, small design projects, lectures, readings, and site visits are rolled into 15 credits.

Additional description specific to Paris studio:

The Catholic University of America School of Architecture and Planning, Washington DC, proposes for their Graduate Studio in **Paris 11** an **Urban Bath Retreat** with supporting hotel rooms, restaurant and garden.

The city of Paris has had a long history continuing history of developing an urban fabric integrating the need for medium to high density housing with an equal need for urban green space. Although the royal parks such as Le Jardin des Tuileries (Catherine de Médicis 16C) and Le Jardin du Luxembourg (Marie de Médicis 17C) possessed aristocratic roots, they eventually joined other parks such as Le Jardin Des Plantes with its medicinal history and le Parc du Champs de Mars, originally the site of military drills and later developed for a series of Universal Expositions provided city dwellers additional opportunities to leave their cramped housing to escape into the fresh air. At a smaller scale, the city breathes through her many private and now public courts and gardens, such as the Place Vosges and the later Place Royale that have in turn defined urban open spaces for many European cities. Added to this are the luxurious treed esplanades, often the work of Haussmann in the 1850s in one more attempt to open up the medieval city fabric to much appreciated light and air. Surrounded by the great forest parks such as The Bois de Boulogne and the Bois de Vincennes Paris remains one of the greenest cities of Europe.

In spite of a relatively strict limitation in height of construction, Paris also remains one a most dense cities in Europe yet still considered by many, to be one of the most livable cities, As Paris continues to expand as well as revisit certain sections of the city once filled with warehouses and factories now abandoned to the periphery, planners continue to propose innovative urban planning strategies in almost all cases, tying landscape strategies in open space to new housing complexes. Parc de la La Villette (replacing slaughter houses) in the northeast, Parc Bercy (replacing abandoned wine storage facilities) in the southeast, Parc Citroen (replacing the Citroen automobile factories) are relatively recent examples of inspiring new developments offering gracious indoor and outdoor urban living for city dwellers.

This year's Paris Studio 11 will focus on an **Urban Retreat**, a place for city dwellers to retreat within the urban fabric for a period of one week to soak their bodies in a bath complex, sleep over in the most private of hotel rooms, eat well but carefully prepared, healthy meals and relax in an oasis garden where sky, plant life and water explore innovative combinations of open green space and dwelling space. All of this will take place on a very limited site where every square meter of surface must be taken full advantage of.

An urban site has been found in Paris and is illustrated on the accompanying Google aerial view. Limited in size and surrounded by buildings of varying heights and activities, the student will be challenged to explore strategies to achieve distance and separation from the urban street and in so doing achieve a contrasting serenity to the busy urban street. And yet, something must be also given to the street, suggesting what might lie behind while at the same time maintaining the vibrant street edge Paris is known for. If possible an alternative site in one of the French cities visited on the earlier fieldtrip can be considered.

Instructional Methods

Special research:

The first week of studio will be devoted to studying the historic and contemporary bath and garden complexes in Paris as well as in other parts of the world. Students will be asked to individually choose such a case study, gather pertinent materials, study and finally report on one of the below listed precedents, some historic, others contemporary but all examples of the role of the water/bath/garden retreat in the middle of an urban city. Students can make use of the extensive architectural library located at the **Cité de l'Architecture**. Their collection of books, journals and audiovisual media on architectural, landscape and urban planning subjects is extensive and easily accessed.

Cité de l'Architecture & du Patrimoine, www.citechailot.fr/,

Located at 1, place du Tocedero et du 11 Novembre, 75116, Paris. **Metro: Trocedero**. (Lines 9 and 6) and **Iena** (line 9) Bus 63, 32, 82, 22, 30 open M,W,TH,F from 11:00 to 19:00, Saturday and Sunday from 13:00 to 19:00.

Professor Stanley Ira Hallet, FAIA, Studio Head CUA

And Visiting Jurors:

Cindy Nguyen, program co-director , Architecture intern in Architecture Studio

Gabrel Wick, program co-director, Landscape architect

Jean Francois Bonne, Architect: Architecture Studio

Rodo Tisnado, Roueida Ayache, Maria Caroline Piot and Mariano Efron, Architects: Architecture Studio

Professor Emeritus Robert Hermanson, University of Utah

Invited faculty from the Ecole Spéciale de l'Architecture

Recommended Texts: see collection at the Cité de l'Architecture

Specific books to be selected by individual student as required by their case study selected.

Other materials:

Final presentation will be printed on the studio Epson printer on 24 inch wide (A2) photo quality paper provided by the program.

Course Goals:

Through a sequence of studio projects, students will develop a means of critical thinking and a design process that enable them to effectively address various design and problem-solving issues, from urban design and conservation, to site planning, cultural context, aesthetics, building assembly, structures and environmental systems. **The Graduate Studios in Advanced Studies** will be further distinguished from their undergraduate counterparts by providing a unique opportunity to explore advanced topics in architecture, preservation and urban design with increased intensity and independence.

It will provide advanced studies in and exposure to the historic, theoretical, social/cultural and specific technical knowledge bases associated with the specific programs explored.

It will encourage the innovative exploration of appropriate site strategies, issues of environmental sustainability, and the development of student-defined proposals to eventually prepare the student for independent thesis investigation.

It will advocate original design strategies that reflect an understanding of historic precedence and context as well as a need to address the contemporary problems of conservation, transformation and disjunction while still recognizing and utilizing appropriate methods of fabrication, delivery and occupancy.

It will prepare comprehensive oral and graphic presentation scenarios utilizing a variety of media including digital graphic explorations often leading to public critique, exhibition and publication.

It will involve collaborative teamwork utilizing invited faculty and external experts in both the research, critique and presentation stages.

1. **Research & Analysis** - to approach the problem through a thoughtful understanding and appraisal of its constituent parts or elements, includes the essence of the problem itself.
2. **Exposure to Buildings and Places** –to understand theoretical positions espoused by others and the embodiment of ideas in buildings and designs; exposure to building typologies, models and paradigms. This must include a complete investigation of the built and landscape environment of the site of a project.
3. **Synthesis** – To combine various components and parts into a coherent whole; the result of careful research, reflection, criticism and exploration of diverse issues and factors appropriate to the problem at hand.
4. **Skills** – Awareness of and ability to make use of cultural criteria and codes both adopted, professed or legislated in the development of urban and architectural strategies appropriate to today's multi cultural condition. To become increasingly aware of contemporary means, methods and materials to achieve such goals. To utilize oral and graphic media, first acquired in the undergraduate studios and further developed during graduate studies to present ideas effectively and clearly.
5. **Acculturation** – To understand the responsibilities, belief patterns and customs of the cultural sites explored; typically done through lectures, discussions and fieldtrips.

Professional Standards Addressed: (20 of 43 accreditation criteria)

1. Speaking and Writing Skills

Ability to read, write, listen, and speak effectively.

2. Critical Thinking Skills

Ability to raise clear and precise questions, use abstract ideas to interpret information, consider diverse points of view, reach well-reasoned conclusions, and test them against relevant criteria and standards.

3. Graphics Skills

Ability to use appropriate representational media, including freehand drawing and computer technology, to convey essential formal elements at each stage of the programming and design process.

4. Research Skills

Ability to gather, assess, record, and apply relevant information in architectural coursework.

5. Formal Ordering Systems

Understanding of the fundamentals of visual perception and the principles and systems of order that inform two- and three-dimensional design, architectural composition, and urban design.

7. Collaborative Skills

Ability to recognize the varied talent found in interdisciplinary design project teams in professional practice and work in collaboration with other students as members of a design team.

8. Western Traditions

Understanding of the Western architectural canons and traditions in architecture, landscape and urban design, as well as the climatic, technological, socioeconomic, and other cultural factors that have shaped and sustained them.

10. National and Regional Traditions

Understanding of national traditions and the local regional heritage in architecture, landscape design and urban design, including the vernacular tradition.

11. Use of Precedents

Ability to incorporate relevant precedents into architecture and urban design projects.

12. Human Behavior

Understanding of the theories and methods of inquiry that seek to clarify the relationship between human behavior and the physical environment.

13. Human Diversity

Understanding of the diverse needs, values, behavioral norms, physical ability, and social and spatial patterns that characterize different cultures and individuals and the implication of this diversity for the societal roles and responsibilities of architects.

14. Accessibility

Ability to design both site and building to accommodate individuals with varying physical abilities.

15. Sustainable Design

Understanding of the principles of sustainability in making architecture and urban design decisions that conserve natural and built resources, including culturally important buildings and sites, and in the creation of healthful buildings and communities.

16. Program Preparation

Ability to prepare a comprehensive program for an architectural project, including assessment of client and user needs, a critical review of appropriate precedents, an inventory of space and equipment requirements, an analysis of site conditions, a review of the relevant laws and standards and assessment of their implication for the project, and a definition of site selection and design assessment criteria.

17. Site Conditions

Ability to respond to natural and built site characteristics in the development of a program and the design of a project.

18. Structural Systems

Understanding of principles of structural behavior in withstanding gravity and lateral forces and the evolution, range, and appropriate application of contemporary structural systems.

19. Environmental Systems

Understanding of the basic principles and appropriate application and performance of environmental systems, including acoustical, lighting, and climate modification systems, and energy use, integrated with the building envelope.

20. Life Safety

Understanding of the basic principles of life-safety systems with an emphasis on egress.

21. Building Envelope Systems

Understanding of the basic principles and appropriate application and performance of building envelope materials and assemblies.

34. Ethics and Professional Judgment

Understanding of the ethical issues involved in the formation of professional judgment in architectural design and practice.

Course Requirements

1. Analysis and coordinated graphic presentation in research phase in urban settlement and landscape strategies.
2. Conceptual design proposals exploring an innovative use of landscape and dwelling spaces in the urban city fabric.

Expectations and policies

Academic honesty: Academic honesty is expected of all CUA students. Faculty are required to initiate the imposition of sanctions when they find violations of academic honesty, such as plagiarism, improper use of a student's own work, cheating, and fabrication.

The following sanctions are presented in the University procedures related to Student Academic Dishonesty (from <http://policies.cua.edu/academicundergrad/integrityprocedures.cfm>): "The presumed sanction for undergraduate students for academic dishonesty will be failure for the course. There may be circumstances, however, where, perhaps because of an undergraduate student's past record, a more serious sanction, such as suspension or expulsion, would be appropriate. In the context of graduate studies, the expectations for academic honesty are greater, and therefore the presumed sanction for dishonesty is likely to be more severe, e.g., expulsion. In the more unusual case, mitigating circumstances may exist that would warrant a lesser sanction than the presumed sanction."

Please review the complete texts of the University policy and procedures regarding Student Academic Dishonesty, including requirements for appeals, at <http://policies.cua.edu/academicundergrad/integrity.cfm> and <http://policies.cua.edu/academicundergrad/integrity.cfm>.

Other Policies or Expectations.

Attendance is expected during all studio hours. Contact studio head in case of conflicts. One grade reduction of studio project grade in case of missed scheduled juries for reasons that were not excused in advance by studio head.

Paris Campus Resources for student support:

For print support use **Epson Printer** provided by CUA in Paris studio. For computer technical support see **Teaching Assistant** (responsible informatique)

For research use **Cité de l'Architecture & du Patrimoine**, www.citechailot.fr/,

Accommodations for students with disabilities:

Any student who feels s/he may need an accommodation based on the impact of a disability should contact the instructor privately to discuss specific needs. Please contact Disability Support Services (at 202 319-5211, room 207 Pryzbyla Center) to coordinate reasonable accommodations for students with documented disabilities. To read about the services and policies, please visit the website: <http://disabilitysupport.cua.edu>.

Assessment:

Phase I Precedent Studies

Late submissions will be downgraded one half grade.

Evaluation by Studio Head

Phase II Conceptual Design Strategies

Late submissions will be downgraded one half grade.

Evaluation by invited jury (50%) and studio critic (50%)

Subsequent phases

Late submissions will be downgraded one full grade.

Evaluation by invited jury (50%) and studio critic (50%)

University grades:

The University grading system is available at

<http://policies.cua.edu/academicundergrad/gradesfull.cfm#Iundergraduates>

<http://policies.cua.edu/academicgrad/gradesfull.cfm#iii> for graduate students.

Reports of grades in courses are available at the end of each term on <http://cardinalstation.cua.edu>.

Course Schedule:

Phase One

Precedent Studies (one long week)

given: Thursday, September 22nd. Due 4:30 PM in studio, Thursday, September 29th, 2011

Each student will select one precedent from the list of possible case studies

10% of Studio Grade

Select complex from list that follows

Students will also be asked to individually choose, gather materials, study and report on one of the below listed housing projects, some historic, others contemporary but all examples of the role urban housing and open urban space are related. Students can make use of the extensive architectural library located at the **Cité de l'Architecture**. Their collection of books, journals and audiovisual media on architectural, landscape and urban planning subjects is extensive and easily accessed.

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Students will be expected to gather materials from diverse sources including accessing the web sites of the architects responsible for them. They should prepare hand drawn diagrams illustrating or clarifying the organizational principles employed.

The final presentation will be limited to one sheet of paper (A2) and be developed using **Indesign** software. A demonstration of **Indesign** and the sharing of a basic graphic format will be made in studio.

- List of precedents**
- The Roman Bath complex plus Bath England Example**
 - The Turkish Hammam**
 - The Japanese bath system**
 - The Sauna**
 - The Alhambra in Granada**
 - Thermal Baths Vals, Switzerland by Peter Zumthor, Architect**
 - Les Bains des Docks, Le Havre, by Jean Nouvel**
 - Hommage to Messian, Bath complex proposed for Bercy, thesis by Sheila Lee**
 - Baden, Baden or Budapest**
 - Thermae Bath Spa by Sir Nicholas Grimshaw, Bath England.**

Weekend sketch and photography trip

(To be revised)

In order to better facilitate informal exchanges between architectural students from CUA and Paris, we now propose a weekend workshop to encourage such dialogue and hopeful continued participation in our reviews.

A preliminary meeting introducing the students to each other and forming teams made up by two French students and two American students will take place on Thursday evening to be held with wine and cheese in studio on **September 29th, 2011**

The workshop will consist of a trip to Mont Saint Michel, a visit to the complex and the development of a conceptual model of a shore side viewing and information center to be built on the shore in sand, using materials found at the beach site. The program will support the bus transportation, entry fees, hotel and dinner accommodations for both the French and American students. It is thought that such an intimate experience where students are sharing accommodation, dinner and the construction of conceptual models will facilitate longer-term relationships between the two schools, their faculty and students.

Bus pick up in front of **Gar de l'Est** at 8:00 AM on Friday, September 29th, 2011 and will return to same site by 9 PM, Sunday, October 3rd, 2010.

White nights
Les Nuits Blanches

Friday, October 7, 2011 to be verified

Phase Two

Conceptual Phase (two weeks)
An Urban Spa and Baths retreat

Site selection, Paris
or alternative French city

15% of studio grade

Development of a conceptual strategy or strategies and accompanying illustrative conceptual models (digital or physical models). Consisting of two small-scale conceptual physical models to be placed into a site map (aerial photo) illustrating:

Architectural organization and urban massing in the full context of the site (Relationship to the urban street, public and private green spaces, housing units and retail and recreational support spaces.

Landscape, housing typologies, material and appropriate structural strategies at a conceptual scale.

Presentation on board utilizing **Indesign** with attached physical models, photographs of model in site or projected digital models using Sketch up Software..

The first model should accommodate the full site, the second larger model to show a first phase to be determined by the student.

Preliminary studio jury by colleagues on Thursday October 14th, 2010

Final Jury Thursday, October 21, 2010 Time to be announced

Major Field trip 2 **Saturday October 15th to Saturday, October 22nd, 2011 Leon south or Bordeaux west**

Phase Three **Water, plants, eat and sleep** (two full weeks following the field trip)

15% of studio grade Development of a three dimensional cross-section of the urban complex showing the relationship between the urban street and entry spaces as well as the baths, restaurants, gardens spaces and accommodations for guests (guest suites). The section and sectional models should suggest materials and basic structural considerations as well as demonstrate the use of water and landscape, both interior as well as exterior special landscape and private as well as public outdoor spaces.

A blow-up of critical architectural and landscape interfaces exemplified by earlier conceptual models. Presentation on board preferably following graphic strategies of previous team efforts.

Three dimensional physical model or computer generated section and axonometric drawings illustrating the above on one A2 presentation boards following consistent graphic presentation started in Phase I.

Pin up review **Due: Thursday, November 3rd, 2011**
6:00 PM at Offices of Architecture Studio or in Home studio. TBA

Phase Four **Unit development phase** (two full weeks)

15% of studio grade Develop three-dimensional digital models of typical guest suite, showing potential relationships to private outdoor terrace space, solar orientation, possible vertical stacking and means of access. Such studies should continue the use of the bath, spa and landscape as a way of reinforcing the idea of the urban retreat, meditation, relaxation and rejuvenation.

Plan, sections and axonometric or perspective drawings illustrating the above on one A2 presentation boards following consistent graphic presentation started in Phase I.

Pin up review **Due: Thursday, November 18th, 2010**
6:00 PM at Offices of Architecture Studio or in Home studio. TBA

Thanksgiving **November 23 to November 27, 2010**

History Finals **Tuesday, November 22nd, 2011**

Final Phase V **Presentation Phase** (three weeks)

45% of Studio Grade Full presentation building upon and including presentations from Phases I to IV. Final contextual plans, site plans, typical sections and elevations. Interior and exterior views drawn from digital or physical models. Additional details and landscape descriptions as required.

Final Jury December 17, 2010
6:00 PM in Home studio.

Studio Sites: Paris Site: (see site limitations)

Alternative site to be decided on Field trips

Studio Program: Urban Bath Retreat with supporting hotel rooms, restaurant and garden.

Bath complex containing a variety of cold to hot pools and interior relaxing, massage and special treatment areas. **Exact mixture to be determined by student. Approximately 6,000 to 10,000 sq. ft.**

Support locker and shower facilities for 40 occupants. **Aproximately 2000 sq. ft.**

Restaurant for 40 seats **Aproximately 2000 sq. ft.**

Kitchen **Aproximately 1000 sq. ft.**

Reception Lobby and check in desks **Aproximately 2000 sq. ft.**

Staff offices **Aproximately 1000 sq. ft.**

Lounge/library **Aproximately 1000 sq. ft.**

Outdoor gardens and terrrace space (to be determined by individual student

Public and or semi public garden space to be developed

Storage, Mechanical and staff parking (4 cars) **Aproximately 4000 sq. ft.**

20 Guest suites **Aproximately 300 to 600 sq. ft. per unit (to be determined by individual student)**

Emphasis will be placed on the urban housing strategy proposed, the role of landscape and the development of the individual dwelling units. Support spaces should be allocated in terms of size and placement but will not be developed internally.

Please note: **Student should submit PDF or jpeg copies of the final boards to be collected following the final jury presentation.**