ARCHITECTURE 3420 / 4420: ARCHITECTURAL DESIGN 4 / 6
The Ohio State University, Austin E. Knowlton School of Architecture
SP 2014 – Mondays, Wednesdays, Fridays 1:30-5:30 PM

Instructor
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Introduction
Architecture 3420/4420 is an undergraduate vertical design studio at the Knowlton School of Architecture. It is presumed that the students have developed their design skills and are now prepared to take on larger scale and more complex design issues. The undergraduate design curriculum can be summarized as follows: second year studios focus on issues of technique with support courses in graphics and architectural history; the first third year studio focuses on issues of materiality with support courses in construction and structure; and fourth year studios focus on issues of organization with support seminars in technology and history / theory. Corresponding to a student’s growing expertise with technique, material, and organization, second year studio projects have singular, medium-scale, private programs on prototypical sites; third year studio projects have collective, large-scale, institutional programs on specific sites; and fourth year studio projects have multiple, extra-large-scale, hybrid programs on complex sites. This studio will focus on a mid-city urban site. Although there is a program of requirements, students will be asked to ascertain whether additional programmatic elements should be added.

Livin’ in Luxury
As an advanced undergraduate design studio, the studio problem will be a complex program on a complex urban site. The studio will be broken up into three parts. First, students will be expected to research and collect information relative to the design project and to organize that material in a manner that will be informative and useful in making design decisions. Second, the students will do a master plan for the North Residential District on the Ohio State campus. The program will be to add approximately 3200 beds and support spaces to the existing residential area. If dormitories are removed the master plan must add an equivalent number of beds in the new construction. The emphasis will be to establish a sense of place for the students. Third, each student will design at least one building (or group of buildings resulting from the master plan. The buildings can be the renovation of an existing building with or without an addition and/or all-new buildings. During the course of the studio, there will be an emphasis on drawing plans and sections as three-dimensional drawings and making physical models. Students will be encouraged to investigate a contemporary architectural practice or architectural idea as a driver for their project. An overriding theme of the studio is organization: Organization of the research, organization of the site, organization of the program, organization of a mass of material, complex organizations, etc.

Policies

Course Format: Studio meetings will be of three types: full class lectures, collective studio section meetings, and individual “desk” critiques. Collective meetings include pin-ups and reviews. “Desk” critiques are the review of individual or small group work. In all cases, the entirety of studio time will be spent on the studio project and students must be ready to present at the beginning of class. Studios are based upon ongoing research. Assignments and requirements are subject to the discoveries of previous work and substantiated by communications between the instructor and studio. Students must check their university e-mail daily.
KSA Lecture Series: Although not required, students are strongly encouraged to attend the KSA Lecture Series. The Series is an invaluable source of information made easily accessible.

Deadlines: Students who miss deadlines due to valid extenuating circumstances may submit the required work at a date agreed upon with the instructor. University regulations limit such circumstances to serious personal illness and death of an immediate family member, and both cases require written documentation: a doctor’s note or a newspaper obituary. Unexcused late projects will not be accepted, incomplete projects will be evaluated in relation to their degree of completion, and a student is present only if he or she presents sufficient work to the instructor. A student will be warned by e-mail after the first unexcused absence; a student’s grade will drop one letter grade after the second unexcused absence; and a student with three unexcused absences will be immediately dismissed and given an “F.”

Documentation: The end product of the studio will be a book that documents the research, studies and representative examples of student projects. Therefore, students must submit electronic documentation of all work as a pdf file for every presentation sheet. Digital photographs should be taken of all models and submitted as a jpeg or tiff file. All files should be named according to the following convention: Course number and quarter_name of assignment (research, study or project)_author’s last name_number of drawing in sequence_drawing’s descriptive name. Example: 343SP11_research_livesey_3_corb’s immeuble housing. Students may be asked to drop particular assignments in X:\livesey_rob\ homework \ arch 343-443\ drop assignments. At the end of the quarter each student must collect his or her material in folders and submit 1 CD per student to the instructor by 5 PM, Monday, 21 April 2014. Failure to meet this deadline will result in a grade of "incomplete."

Evaluation: Studio work is both individual and collective. Evaluation will include not only individual design excellence, but also a student’s contributions to the studio through collective research, documentation and discussions. Grading is based on a comparison with other students in the course, with students who have taken the course previously, and with the instructors’ expectations relative to the objectives of the course. Evaluation of projects is by jury review involving reviewers from other courses, other academic institutions, and architectural firms. For an “A”, the student must satisfy the course objectives excellently; for a “B”, in an above average manner; for a “C” in an average manner; for a “D” in the lowest acceptable manner; and an “F” denotes that the student has not satisfied the course objectives.

Sexual Harassment: O.S.U.’s Sexual Harassment policy, which applies to all faculty, staff, and students, includes lewd remarks and inappropriate comments made in the studio environment, classroom, and computer labs as well as the “display of inappropriate sexually oriented materials in a location where others can see it.” Students can file a complaint by contacting Student Judicial Affairs at 292-0748. Sanctions include reprimand, suspension, and dismissal from the University.

Students with Disabilities: If a student requires accommodation for a disability, he or she should immediately arrange an appointment with the professors and the Office for Disability Services. At the appointment, the professors, disability counselors, and student can discuss the course format, anticipate needs and decide upon accommodations. Professors rely on the Office for Disability Services for assistance in verifying the need for accommodations and developing accommodation strategies.

Studio Safety: To provide the best education, the KSA must act as a community. As such, its members (faculty, students, and staff) must respect and watch out for each other. The studio is
available for KSA students 24/7. The University escort service provides safe transportation to and from Knowlton Hall 7:30AM-3AM. Call 292-3322

**Studio Behavior:** Students must work in the studio. Students are responsible for keeping their areas clean and floors free of obstructions and all studio furniture in good condition. Each Friday, studios will clear floors of all materials, and place this material in trash bags and the appropriate containers throughout the studio. At the end of the quarter, each studio will remove all material (including models, constructions, and drawings), place this material in the loading dock dumpsters, sweep the floors including beneath desks and credenzas, and return oval tables, desks, and chairs to their rightful places. Grades will be withheld from all students in any studio that does not comply by 5PM on the Monday of final exam week.

Please also note:

1. The following items are prohibited in Knowlton Hall: non-KSA furniture, liquor, weapons, bicycles, skateboards, rollerblades, and pets.
2. The following tools are prohibited in Knowlton Hall: spray paints, foam cutter wands, welding devices, heat guns, and any flame or gaseous liquid device.
3. The following safety compliances must be observed: electrical power cords cannot be connected in a series or extend over traffic areas; fire extinguishers must remain accessible and in full view; access to stairwells, corridors, and aisles must maintain a 44” clear width and handrails must be unobstructed.
4. Building surfaces cannot be marked, anchored to, or penetrated.
5. Installations may not occur in any part of the building except by permission of Philip Arnold, KSA Building Coordinator.
6. Power tools are restricted to the mat/fab lab except by permission of Philip Arnold, KSA Building Coordinator.
7. Loud noise is forbidden.
8. Graffiti and vandalism are grounds for disciplinary action.