Course Description

An aging population means the demand for suitable housing is constantly increasing. As older generations move out of their homes, they often look for a place where they can be supported yet independent, retaining the freedoms and dignity they deserve while not having to worry about getting help when needed. This studio is taking on this challenge and the competition “The Portugal Elderly Home” by Buildner through the perspective of elderly living and integrated architecture. The competition is tasking participants with designing an elderly home in Portugal, one of the most popular countries for retirement in the world and in this studio. Students will be also tasked to take this topic and combine it with living systems throughout their architecture using methods of integration.

In this studio you will be designing a retirement home in central Portugal. It will need to be able to comfortably house 60 residents and ten support staff. It should also include several features including a small library, a gathering room, a chapel, a kitchen and dining room, as well as a private area which could function as a nurse’s room and therapy room for psychological support. The designs should be well sited and use the environment and atmosphere of the context to layer in living systems and biophilic connections throughout the design.

Due to the complexity of this topic, the requirements, and the site –students will be working in small groups. It will not be mandatory that students submit their proposals to the competition but it will be highly encouraged.

- **Key Dates:** Last day of registration is April 19th & closing date for submission is May 31st
- **Submission Req:** Four (4) A2 landscape-orientated presentation boards
- **Registration Fee:** 125 euros – approx. 133 usd
  *Anticipate that this fee might be slightly less depending on the number of groups we have in studio as we can get a discounted rate as an institution
- **Prizes:** 1,000 € Cash prize + 50 € ARCHHIVEBOOKS.com gift card + PR & Media
Methods
This studio will design exploring a methodology that moves from urban mapping of the context to architecture and finally to the materiality of living systems. Concepts will be explored with 3D models in Rhino alongside physical prototypes.

Software & Fees
This studio will require the intense use of Rhino and Grasshopper. Previous working knowledge of Rhino is advised. Tooling up in Rhino before the course is advised if you are a beginner. If you are on a Mac you will need to have a working PC side for these programs, as Rhino and Grasshopper for Mac are not compatible with some of the provided tools.

While this course will not have additional fees; students should be prepared to pay for materials, entry fees, and machine hours for digital fabrication. We will be using resources in Lawrence and the Knight Campus.
Course Objectives

Upon completion of this course students will have:
- Understanding of urban analysis & design at the masterplan level
- Understanding of designing with biophilic patterns
- Understanding of designing for aging populations with accessibility in focus
- Understanding of living systems and how architecture can integrate these systems
- Gain skills needed to design and fabricate through digital fabrication
- Gain experience in working across platforms of Rhino, Grasshopper, InDesign & digital and analog fabrication

Course Readings & Schedule TBD

These details will be listed and provided during the first week of the course.

Course Deliverables

This course will require full color, four A2 panels to be printed at midterm and for the final as well as a final printed booklet with binding -developed from the InDesign template provided.

Course Policies

Evaluation Methods
Oversighted continuous evaluation of exercises during class. Class participation, quality of delivered assignments and meeting the assignments deadlines. Individual end of term discussions with professor on student strengths, weaknesses, and other recommendations.

Grading System
Students who are taking this studio as one of their last two 4/584 studios prior to terminals are required to participate in a Terminal Studio Entrance Evaluation Gate if a Marginal Pass (MP) or No Pass (NP) grade is earned. They will not be eligible to enter forthcoming ARCH 4/585 terminal studios before the evaluation has been completed and continuation has been recommended. Gate Reviews will be held during week 11. Faculty will notify students if they are in jeopardy of earning a marginal pass or no-pass grade by week 8. For more information about Gate Reviews (what they are, when they occur, etc.) please visit: [https://archenvstudents.uoregon.edu/architecture-and-interior-architecture/studios/undergraduate-studios/](https://archenvstudents.uoregon.edu/architecture-and-interior-architecture/studios/undergraduate-studios/)

PrePresentations
- 10% PER PRESENTATION
- TOTAL PRESENTATION 50%

Booklets
- 15% 1 MIDTERM
- 25% 1 FINAL

Participation
- 10%

Attendance
Students are explicitly expected to be in class each studio day for the entire duration. Send an email to professor if you will be absent, late, or if you will not be able to be in class for the entire time but understand that this does not grant an “excused absence”. This should be done before class starts at 5:00 pm. If you are 5 minutes late without previous contact, you will be counted as missing the class. Additionally, leaving 5 minutes before class is over will result in a missed class.

In-class work is central to meeting our learning objectives. Students may miss two classes this term, regardless of the reason, not including exam days. This means we do not have “excused” or “unexcused” absences except—as is the case for all UO classes—in the cases of religious observances, AEC accommodations, and University-sponsored events with
signed documentation presented as early in the term as possible but at least a week ahead of the planned absence or need for accommodation.

Difficult or complex situations that may impact attendance occur for many of us during a term. This policy means that absences are available both for students who do want to reach out about their experiences and students who do not.

We know our UO community will still be navigating COVID-19, and some students will need to use some of their two absences to isolate and rest if they get COVID. I made my absence policy with this in mind, so please use your absences with care so they're there for you if you need them.

Because in-class work is central to meeting our learning objectives, students who miss three or more classes may fail the course.

This is a class in which you are meant to be actively moving through content at your own pace and asking questions as they arise. It requires you to be responsible for your learning, while I help troubleshoot and address specific issues. If you are found to be watching videos or on social media that is not for this course, you overall grade will be reduced 5 points. As an example, if you have a 95 in the course at the end of term, you will receive a 90.

Accommodations for Religious Observances
The university makes reasonable accommodations, upon request, for students who are unable to attend a class for religious obligations or observance reasons, in accordance with the university discrimination policy which says “Any student who, because of religious beliefs, is unable to attend classes on a particular day shall be excused from attendance requirements and from any examination or other assignment on that day. The student shall make up the examination or other assignment missed because of the absence.” To request accommodations for this course for religious observance, visit the Office of the Registrar’s website and complete and submit to the instructor the “Student Religious Accommodation Request” PDF form prior to the end of the second week of the term.

Incomplete Policy Students are expected to behave in a professional manner and to turn in all materials at the designated time. In accordance with university regulations, an incomplete will only be given when “the quality of work is satisfactory but a minor yet essential requirement of the course has not been completed for reasons acceptable to the instructor.”

Late Policy Students are expected to submit all quizzes, assignments, and watch tutorials as noted on the Canvas platform. Late work is not accepted, even if it is 1 minute late, credit will not be provided. To prepare for this ensure you submit tasks on time before deadlines.

Ownership of Work All student work will remain the property of the University of Oregon unless discussed previously. The work will be available for the student’s review over the term. Students who wish to retain drawings, images, models, etc. should make duplicates, copies, or photographs prior to making any required submittal to the Department of Architecture.

Ethics Clearly indicate all resources used for seminar assignments. Misrepresenting someone else's work or ideas as one's own, or in any way contributing to such a misrepresentation, will be taken seriously and may result in disciplinary action as required. The University Student Conduct Code (available at conduct.uoregon.edu) defines academic misconduct. Students are prohibited from committing or attempting to commit any act that constitutes academic misconduct. By way of example, students should not give or receive (or attempt to give or receive) unauthorized help on assignments or examinations without express permission from the instructor.

Plagiarism Students should properly acknowledge and document all sources of information (e.g. quotations, paraphrases, ideas, data, analyses). If there is any reasonable question about whether an act constitutes academic misconduct, it is the student’s obligation to clarify the question with the instructor before committing or attempting to commit the act. Additional information about a common form of academic misconduct, plagiarism, is available at: https://researchguides.uoregon.edu/citing-plagiarism/plagiarism

Discrimination All students are expected to adhere to University of Oregon policies related to discrimination based upon ethnicity, gender, and sexual orientation.

Students with Disabilities If you have a documented disability and anticipate needing accommodations in this course, please make arrangements to meet with your studio professor during the first week of class. You may also contact Accessible Education Center (formerly Disability Services) at 541-346-1155. Additionally, please request that the Counselor for Students with Disabilities send a formal letter outlining your disability to your seminar instructor.
Inclusion Statement The College of Design is a community that values inclusion. We are committed to equal opportunities for all faculty, staff and students to develop individually, professionally, and academically regardless of ethnicity, heritage, gender, sexual orientation, ability, socio-economic standing, cultural beliefs and traditions. We are dedicated to an environment that is inclusive and fosters awareness, understanding, and respect for diversity. If you feel excluded or threatened, please contact your instructor and/or department head. The University Bias Response Team is also a resource that can assist you. Find more information at their website at http://bias.uoregon.edu/index.html or by phoning 541-346-2037.

Email and Communication Please send emails from your uoregon email and ensure your name is clearly visible in the "from:" header so that your email can be distinguished from spam. Course announcements will be sent to your uoregon email addresses or will be placed on Canvas.

Studio Cleanout At the end of winter term, students who have studio space will need to retrieve personal items and completely clean out the space. Everything must be gone from your studio space - please do not leave anything that is of value to you. All items that are left will be thrown out and locks will be cut. If studios are not returned to their original condition, a $75 student fee will be assessed.

Exceptions: students in terminal studios where the entire cohort will stay in the same room with the same instructor will not need to clean out their studios until the end of spring term.

If you have any other situation that you would like to be considered for an exemption, you must communicate with Sherilyn Schwartz by the end of week 4 (Friday, February 3rd).