**US/PUBH 390: Sustainability Internship Seminar**

**Spring 2020**

**Time:** Tuesdays, 2:00 – 3:15 p.m., Art & Exhibition Hall 2236, plus eight (8) hours in internship placement

Cindy Klein-Banai, [cindy@uic.edu](mailto:cindy@uic.edu)

Sarah Koning, [skonin2@uic.edu](mailto:skonin2@uic.edu)

**Office hours and location:** Tuesday, 12:00 – 2:00 & Thursday 2:00 – 3:30, or by appointment

This course provides an intellectual framework for students to apply classroom learning to hands-on, project-based internships that advance the overall mission of greater social, economic, and environmental sustainability on the UIC campus community. In the first week of class, students will be placed in internships with a UIC department approximately 8 hours per week.

|  |  |
| --- | --- |
| **Week 0** | January 7 |
| **Component** | Preparation for first day of class |
| **Thematic Problem** | Selecting a focus |
| **Independent Content** | Review Syllabus  Identify [3 preferred internship positions](http://sustainability.uic.edu/jobs/sustainability-internship-program-2/) |

|  |  |
| --- | --- |
| **Week 1** | January 14 |
| **Component** | Class requirements and internship placements |
| **Presenter(s)** | Sarah Koning |
| **Content** | Syllabus review |
| **Activity** | Matching interns with mentors  Definitions of Sustainability |
| **Assignment (due 1/23)** | Review [Sustainability: A Comprehensive Text, Chapter 3.2 - What is Sustainability?](http://cnx.org/contents/F0Hv_Zza@43.5:mF42kFDQ@7/What-is-Sustainability)  Read: [Future scenarios of global plastic waste generation and disposal.](https://www.nature.com/articles/s41599-018-0212-7#Fig2) (read Introduction, Results, and Discussion sections only)  Meet mentor and discuss project goals, timelines, and milestones |

|  |  |
| --- | --- |
| **Week 2** | January 21 |
| **Component** | Introduction to Sustainability/Sustainability Planning and Progress |
| **Thematic Problem** | Complexity of Sustainability/UIC’s Climate Commitments |
| **Presenter(s)** | Cindy Klein-Banai |
| **Content** | Sustainability Science  Systems thinking  Discussion Future scenarios of global plastic waste generation and disposal. |
| **Activity** | Drivers - Problem – Impact for Future scenarios of global plastic waster generation and disposal article |
| **Assignment (1/28)** | Read: [UIC Climate Commitments](https://sustainability.uic.edu/files/2016/04/UIC-Climate-Commitments-Overview.pdf)  Read: UIC’s Climate Action Implementation Plan |

|  |  |
| --- | --- |
| **Week 3** | January 28 |
| **Component** | Piloting |
| **Thematic Problem** | Green Buildings |
| **Presenter** | Lisa Sanzenbacher |
| **Content** | LEED, solar and geothermal energy, building materials, water conservation – MEET at Grant Hall |
| **Activity** | Green Campus Tour: GoLD (Grant, Lincoln, Douglas Hall) complex, green roofs, and other green infrastructure |

|  |  |
| --- | --- |
| **Week 4** | February 4 |
| **Component** | Energy Complexity |
| **Thematic Problem** | Powering a Campus |
| **Presenter** | Bob Levy, Plant Operations Engineer |
| **Activity** | East Side Power Plant tour |
| **Assignment (due 2/13)** | Read: [Solid waste characterization and recycling potential for a university campus](https://www.researchgate.net/profile/Sara_Ojeda-Benitez/publication/5282844_Solid_waste_characterization_and_recycling_potential_for_a_university_campus/links/5a9616c40f7e9ba42972d97f/Solid-waste-characterization-and-recycling-potential-for-a-university-campus.pdf) (S21-S26)  Read: [A historical context of municipal solid waste management in the United States](https://journals.sagepub.com/doi/pdf/10.1177/0734242X04045425) (306-322)  Read: [Era of Easy Recycling May be Coming to an End](https://fivethirtyeight.com/features/the-era-of-easy-recycling-may-be-coming-to-an-end/)  Read: [Who Should Pay for Plastic Recycling?](https://www.theguardian.com/environment/2017/dec/22/make-supermarkets-and-drinks-firms-pay-for-plastic-recycling-say-mps) |

|  |  |
| --- | --- |
| **Week 5** | February 11 |
| **Component** | Waste Reduction on University Campuses |
| **Thematic Problem** | Waste and Material Reuse |
| **Presenter** | Joe Iosbaker and Illinois Sustainability Technology Center |
| **Content** | Zero Waste |

|  |  |
| --- | --- |
| **Week 6** | February 18 |
| **Component** | Working Day |
| **Thematic Problem** | Refining your Project Scope |
| **Presenter** | Office of Sustainability Staff |
| **Content** | Meet with Office of Sustainability staff and /or mentor for project input |
| **Activity** | Working Day 1 |
| **Assignment (due 2/26)** | Review [Heritage Garden](http://latinocultural.uic.edu/heritage-garden/) site.  Read: [Migration and Displacement: The Ultimate Sustainability Challenge](https://www.liebertpub.com/doi/10.1089/sus.2019.29158) |

|  |  |
| --- | --- |
| **Week 7** | February 27 – NOTE: Thursday class |
| **Component** | Environmental Justice |
| **Thematic Problem** | Interconnectedness |
| **Presenter** | Latino Cultural Center Staff |
| **Content** | Environmental Justice |
| **Activity** | Meet at Latino Cultural Center (Lecture Center B) |
| **Assignment (due 3/3)** | Read: [UI’s Strategic Framework](https://www.uillinois.edu/common/pages/DisplayFile.aspx?itemId=423588)  Read: [UIC’s Strategic Priorities](http://strategicpriorities.uic.edu/)  Read: Heifetz – Leadership without Easy Answers (Blackboard) |

|  |  |
| --- | --- |
| **Week 8** | March 3 |
| **Component** | Stakeholders and Change Management for Sustainability |
| **Thematic Problem** | The Evolution of Change |
| **Presenter** | Sarah Koning |
| **Content** | Connecting Stakeholders to Projects/Organizational Change |
| **Activity** | Lecture |
| **Assignment (due 3/10)** | Elevator Pitch: Be prepared to give concise, spoken project updates and present clear questions you may have regarding your projects and processes surrounding the projects (3-4 minutes per student/project). |

|  |  |
| --- | --- |
| **Week 9** | March 10 |
| **Component** | Elevator Pitch Day |
| **Thematic Problem** | Public Speaking |
| **Presenter** | You! |
| **Activity** | Internship project description and update to fellow classmates |

|  |  |
| --- | --- |
| **Week 10** | March 17 |
| **Component** | Communicating Sustainability – How to communicate your work to a broader audience |
| **Presenter** | Sarah Koning |
| **Content** | Outreach and engagement  Poster design  Final paper requirements |
| **Assignment (March 31)** | Read: UIC Earth Day 1970 (on Blackboard) |

|  |  |
| --- | --- |
| **Week 11** | March 31 |
| **Component** | Earth Day 50th anniversary celebration |
| **Presenter** | Sarah Koning and Emily Stearney |
| **Content** | History of campus Earth Day |
| **Activity** | Social Media outreach |
| **Assignment (due 4/7)** | Rough draft of poster and report due to [skonin2@uic.edu](mailto:skonin2@uic.edu) |

|  |  |
| --- | --- |
| **Week 12** | April 7 |
| **Component** | Working Day |
| **Thematic Problem** | Project Completion |
| **Presenter** | Office of Sustainability Staff |
| **Content** | Meet with Office of Sustainability staff and /or mentor for poster input |
| **Activity** | Working Day 2 |

|  |  |
| --- | --- |
| **Week 13** | April 14 |
| **Component** | Native Prairie Biodiversity |
| **Thematic Problem** | Enhancing Biodiversity |
| **Presenter** | Matthew Frazel |
| **Content** | Wear comfortable shoes and clothing |
| **Activity** | Tour and activity at UIC Greenhouse |

|  |  |
| --- | --- |
| **Week 14** | April 21 |
| **Component** | Tree and Biodiversity Walk |
| **Thematic Problem** | Campus Biodiversity |
| **Presenter** | EcoEducator student group |
| **Content** | Meet at Circle Grove (Taylor and Morgan) and wear comfortable shoes |
| **Assignment (due 4/24)** | Final posters due as pdf to [skonin@uic.edu](mailto:skonin@uic.edu) |

|  |  |
| --- | --- |
| **Week 15** | April 28 |
| **Component** | Poster Presentations Event |
| **Staff** | All |
| **Content** | Friends, family, and others are invited! |
| **Assignment (due 5/7)** | Final report due to [skonin2@uic.edu](mailto:skonin2@uic.edu) |

|  |  |
| --- | --- |
| **Week 16** | May 5 |
| **Component** | Finals Week |
| **Content** | Final report due 5/5/2020 |

|  |  |
| --- | --- |
| **Evaluations** | % of Cumulative Grade |
| **Participation in seminar as demonstrated by attendance, knowledge of readings, and class discussion\*** | 30 |
| **Mentor Evaluation** | 35 |
| **Poster, Presentation, and final report** | 35 |

\*Class participation includes being an active contributor in class discussions, completing all of the required readings before class (not during), and respecting others. Expectations also include paying attention in class, being prepared, and giving full effort.  Because class participation is an essential part of this course, attendance is compulsory and will be assessed on a class-by-class basis. Should you be unable to attend a class, please inform us in advance.

Disclaimer

The terms of this syllabus may change as the semester progresses. Always refer to the Blackboard course website for the most up-to-date information.

**UNIVERSITY GUIDELINES**

**Academic Integrity Policy**

As an academic community, the University of Illinois at Chicago is committed to providing an environment in which research, learning, and scholarship can flourish and in which all endeavors are guided by academic and professional integrity. All members of the campus community -- students, staff, faculty, administrators -- share the responsibility of insuring that these standards are upheld so that such an environment exists. Instances of academic misconduct by students, and as defined herein, shall be handled pursuant to the Student Disciplinary Policy.

The following is the UIC policy on academic dishonesty which includes, but is not limited to:

Cheating: either intentionally using or attempting to use unauthorized information, people, or study aids in any academic exercise; providing to, or receiving from another person, any kind of unauthorized assistance on any examination or assignment.

Fabricating: unauthorized falsification, reproduction, lack of attribution, or invention of any information or citation in an academic exercise.

Facilitating academic dishonesty/plagiarism: intentionally or knowingly representing the words or ideas of another as one's own in any academic exercise.

Offering bribes, favors, or threats: bribing, attempting to bribe, promising favors to or making threats against any person with the intention of affecting a record of a grade or evaluation of academic performance; any conspiracy with another person who then takes, or attempts to take action on behalf of, or at the direction of the student.

Taking an examination by proxy: taking or attempting to take an exam for someone else is a violation by both the student enrolled in the course and the proxy or substitute.

Grade tampering: any unauthorized change, attempt to change or alteration of grades.

Submitting non-original works: submission or attempt to submit any written work, written in whole or in part, by someone other than the student.

From <http://www.medicine.uic.edu/cms/One.aspx?portalId=443021&pageId=31991513>

**Grievance Procedures**

UIC is committed to the most fundamental principles of academic freedom, equality of opportunity, and human dignity involving students and employees. Freedom from discrimination is a foundation for all decision making at UIC. Students are encouraged to study the University's “Nondiscrimination Statement”. Students are also urged to read the document “Public Formal Grievance Procedures”. Information on these policies and procedures is available on the University web pages of the Office of Access and Equity: www.uic.edu/depts/oae

**Religious Holidays and Observance**

Students who wish to observe their religious holidays shall notify the faculty member by the tenth day of the semester of the date when they will be absent unless the religious holiday is observed on or before the tenth day of the semester. In such cases, the student shall notify the faculty member at least five days in advance of the date when they will be absent. The faculty member shall make every reasonable effort to honor the request, not penalize the student for missing the class, and if an examination or project is due during the absence, give the student an exam or assignment equivalent to the one completed by those students in attendance. If the student feels aggrieved, they may request remedy through the campus grievance procedure.

**Disability Accommodation**

The University of Illinois at Chicago is committed to maintaining a barrier-free environment so that students with disabilities can fully access programs, courses, services, and activities at UIC. Students with disabilities who require accommodations for access to and/or participation in this course are welcome, but must be registered with the Disability Resource Center (DRC). You may contact DRC at 312-413-2183 (v) or 312-413-0123 (TTY) and consult the following: www.uic.edu/depts/oae