

GPHY 564 Planning Design Course Syllabus - Spring 2022

Instructor information

Instructor: Paul Henkel, Adjunct Professor, Department of Geography, UM

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Office Hours: If you need to meet, please communicate via email or text to set up a phone or Zoom meeting]

Course Description

This course investigates the topic of “design” as it relates to land use planning and development projects through readings, discussion, and engagement in design projects, we will consider design in the context of the following:

- What is design?
- What are the theories and concepts of design?
- What are the processes and considerations of design?
- What are the dimensions of society that impact /influence design?
- How do we successfully develop and present and successful design proposal?

Course Objectives

Upon successful completion of the course, you should be able to:

1. Discuss the tension between theory, stakeholders, and sectors in regard to “design.”
2. Describe the factors that that influence and are influenced by design.
3. Develop and defend your own design that is grounded in evidence and based on concepts and criteria appropriate to a specific setting

Texts & Required Materials

- Required readings can be accessed on Moodle as assigned/suggested
- Students who will use this course to satisfy a GIST Certificate Elective Requirement must incorporate use of SketchUp OR ArcGIS Urban into their project.
 - For SketchUp – see <https://www.sketchup.com/products/sketchup-free>
 - For ArcGIS Urban, see: <https://www.esri.com/en-us/arcgis/products/arcgis-urban/overview>
- If you will engage in formal hand work as part of your project, suggest “Drafting” caliber pencils, erasers, pens, & ruler for sketching, engineer scale, French curve, sketch pad, vellum, etc.

Course Organization

We will employ a number of methods and practices throughout the semester:

- Lecture/Class Discussion – Ask questions and take notes!
- Readings - Be prepared to discuss!
- Audio Visual (Videos)? – if shown, be prepare to take notes!
- Supplementary Materials - As assigned

Course Requirements

This is a design studio, and as such, your participation and responsibility with regard to preparation and site plan/proposal work is expected - read the assigned material and come to class prepared to discuss, and attend all sessions so that you can benefit from instructor and peer feedback (this will be an active part of the process) on your work.

You will engage in hands-on design work in the course that integrate your growing knowledge of the factors that influence design into one comprehensive design project that will be critiqued and reviewed by other class participants at several points from conceptualization to final presentation.

Your course grade will be determined by:

- [20%] Overall participation/attendance (70 pts /2.5 per class)
- [40%] Assignments (140 pts / 20 per assignment)
 1. Planning Design Concept
 2. Evidence Sources Report
 3. Economy/Transport for Concept
 4. Health and Equity for Concept
 5. Project Management plan
 6. Project Proposal (for public comment)
 7. Project Proposal (Revised)
- [30%] Final design project (105 pts) SEE Moodle for Guidelines
 - programming (client and community needs)
 - addresses local plan and code requirements
 - includes/considers appropriate infrastructure
 - organization
 - financials
 - site plan diagrams
- [10%] Final design presentation (35 pts)
- Undergrads and Grads will be evaluated separately.

Provisional Course Schedule*

DATE	TOPIC	ASSIGNMENT (Due 7 days following)
1/18	Introduction/Syllabus	
1/20	Foundations of Planning Design	
1/25	Theories Community Design	
1/27	Working with organizations	Planning Design Concept
2/1	Working with stakeholders	
2/3	Working with Evidence / Market Analysis	Evidence Sources Report
2/8	Consider: Economy	
2/10	Consider: Transportation	Economy & Transport vis-à-vis Concept
2/15	Consider: Health	
2/17	Consider: Social Equity/Inequality	Health & Equity vis-à-vis Concept
2/22	Consider: Governance	
2/24	Project Management	
3/1	Risk Management	Project management plan
3/3	Design: Public	
3/8	Design: Residential	
3/10	Design: Commercial	Project Proposal (Preliminary)
3/15	Design: Industrial	
3/17	Design: Recreation	
Topic 3/21-25 SPRING BREAK		
3/29	Project Proposal - Public Hearing	
3/31	Project Proposal - TBD	
4/5	Project Proposal (Revised)	Project Proposal (Revised)
4/7	Project Work	
4/12	Project Work	
4/14	Project Work	
4/19	Project Work	
4/21	Project Work	
4/26	Planning Design Presentation	Design Planning Presentation
4/28	Planning Design Presentation	
5/3	Finals week (no final exam)	Design Planning Project

*Provisional nature of course schedule indicates that though every attempt will be made to adhere to this schedule, it is not written in stone. Any impact of deviations from the schedule on course activities will be considered and adjusted for.

Policies

Attendance

Students are expected to attend all class meetings and complete all assignments for courses in which they are enrolled. Students should notify me if they have expected or recent absences resulting from any cause. FYI - instructors are encouraged to notify advisors or the appropriate administrators regarding students with excessive unexcused absences. Instructors may excuse brief and occasional absences for reasons of illness, injury, family emergency, religious observance, cultural or ceremonial events, or participation in a University sponsored activity. (University sponsored activities include for example, field trips, ASUM service, music or drama performances, and intercollegiate athletics.)

Cultural or ceremonial leave allows excused absences for cultural, religious, and ceremonial purposes to meet the student's customs and traditions or to participate in related activities. To receive an authorized absence for a cultural, religious or ceremonial event the student or their advisor (proxy) must submit a formal written request to the instructor. This must include a brief description (with inclusive dates) of the cultural event or ceremony and the importance of the student's attendance or participation. Authorization for the absence is subject to approval by the instructor. Appeals may be made to the Chair, Dean or Provost. The excused absence or leave may not exceed five academic calendar days (not including weekends or holidays). Students remain responsible for completion or make-up of assignments as defined in the syllabus, at the discretion of the instructor.

Instructors shall excuse absences for reasons of military service or mandatory public service.

It is extremely disruptive to have students arrive late and/or leave early. I know that you have nothing else on your schedule during the class, therefore your presence throughout the entire class period is expected. Not only will this keep me happy, it will help you to master the material.

Late Work

We will run the class like a planning firm, so late work will receive a reduction of 5% (cumulative) from the actual awarded grade received for submitted work for each business day late. Work is due prior to the start of class on the day specified. Please do not make excuses for late work – I will need advance notification of any factors that will affect your ability to turn in work on time and/or to meet other course requirements. Save, back-up, and be prepared to submit digital (i.e., on disk) copies of any work produced during the semester in case of technology failures.

COVID

- Mask use is required within the classroom or laboratory.
- If you feel sick and/or are exhibiting COVID symptoms, please don't come to class and contact the Curry Health Center at (406) 243-4330.
- If you are required to isolate or quarantine, you will receive support in the class to ensure continued academic progress. (Add specific information about how you, as the instructor, will continue providing course materials to students in quarantine or isolation.)
- UM recommends students get the COVID vaccine and booster. Please direct your questions or concerns about vaccines to the Curry Health Center.
- Drinking liquids and eating food is discouraged within the classroom.

Academic Misconduct

All students must practice academic honesty. Academic misconduct is subject to an academic penalty by the course instructor and/or a disciplinary sanction by the University. All students need to be familiar with the Student Conduct Code.

Disabilities Accommodation

Students with disabilities may request reasonable modifications by contacting me. The University of Montana assures equal access to instruction for students with disabilities in collaboration with instructors and the Office for Disability Equity, which is located in Lommasson Center 154 (<https://www.umt.edu/dss/default.php>). The University does not permit fundamental alterations of academic standards or retroactive modifications.

Basic Needs Security

Any student who faces challenges securing their food or housing and believes this may affect their performance in the course is urged to contact the Office of Student Success (<http://www.umt.edu/oss/>) for support. Furthermore, please notify the professor if you are comfortable in doing so. This will enable her to provide any resources that she may possess.

Recording in Class

Montana law requires that if you wish to record a lecture, you must first inform me and I must consent before you do so.

Grading policy

Though I will examine the distribution of course scores (totals) to ensure that it is appropriate and fair, I do not practice grading that contributes to “grade-inflation.” The best individual strategy to ensure that you receive a grade you can live with is to work to meet and/or exceed course requirements. Remember, A’s are rewards for Superior Performance, B’s for Above Average Performance, and C’s for Average Performance. Course grades will be based upon the following percentages of the total points possible for the course as weighted by the criteria specified in course requirements.

A	<93.0%	A-	= 90.0-92.9%		
B+	= 87.0-89.9%	B	= 83.0-86.9%	B-	= 80.0-82.9%
C+	= 77.0-79.9%	C	= 73.0-76.9%	C-	= 70.0-72.9%
D+	= 67.0-69.9%	D	= 63.0-66.9%	D-	= 60.0-62.9%
				F	< 59.9%

*Please note, this class is offered for traditional letter grade only, it is not offered under the credit/no credit option