

Number & Title of Course (total credits awarded):

ARC 6976 - Master's Project Planning (2 cr hrs)

(Course changed from Master's Project 1 as a result of 2016 curriculum revisions)

Course Description (limit 25 words):

Students work with Master's Project (MP) committee to develop ideas and projects in order to conduct a two semester research – design effort. Refinement of thesis statement, modes of inquiry, precedent research, programming and design trajectory of overall project.

Course Goals & Objectives (list):

- To help students clarify their individual thesis topics.
- To help students establish a work plan for their MP projects.
- To provide students with a structured approach to investigating individual MP topics.
- To help students prepare for oral presentations and ensure that individual MP ideas are well-articulated
- To ensure that the work effort is efficient, productive and relevant.
- To assist students with initiating both pre-design/preliminary/schematic design of their MP projects.
- To help students develop the required MP document.

Student Performance Criterion / addressed (list number and title):

Ability

- A.1. Communication Skills
- A.2. Design Thinking Skills
- A.3. Visual Communication Skills
- A.5. Investigative Skills
- A.6. Fundamental Design Skills
- A.7. Use of Precedents
- B.1. Pre-Design

Understanding

- A.8. Ordering Systems Skills
- A.11. Applied Research

Topical Outline (include percentage of time in course spent in each subject area):

- Thesis abstract / objectives (25%)
- Case study/precedent analysis/research (20%)
- Site selection & analysis (10%)
- Programming (15%)
- Initial design concepts/schematic design (30%)

Prerequisites:

Advanced Design C, Research Methods

Textbooks/Learning Resources:

By faculty advisor -- Master's Project Chair

Offered (semester and year):

Fall / Spring / Summer

Faculty assigned (list all faculty assigned during the two academic years prior to the visit):

All F/T Faculty