**ARCH 685: Directed Studies**. 1 Credit

**Course Description:** Directed Studies. Individual problems involving application of theory and practice in design and construction of buildings and groups of buildings. (ARCH 685 is the curriculum vehicle used for the required research and proposal writing that precedes the student’s final study project.

**Course Goals & Objectives (bulleted list):**

* Increase the student’s ability to apply research and scholarship skills in a formal written project proposal;
* Demonstrate the student’s ability to complete site selection and analysis appropriate to the type and scale of proposed project;
* Demonstrates the student’s ability to synthesize data on climate, functional and regulatory needs for the proposed project;
* Demonstrates the ability to select and synthesize critical factors in precedent studies appropriate to the site condition, functional type and climate;
* Demonstrates the ability to formulate clear project goals, objectives, and measurable criteria appropriate to the proposed project;
* Demonstrates effective self‐organization, and time‐management skills.

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

* **No SPC’s are assigned to this course.**

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

20% Research and Background Scholarship

20% Site Analysis, Climate Analysis

20% Precedent studies and documentation

25% Proposal Writing, editing, submission

15% Poster Session Presentation

**Prerequisites:** Prerequisite: Graduate classification or approval of instructor and department head.

**Textbooks/Learning Resources:**

* Varies per student as assigned by faculty chairing their Final Study Committee.

**Offered (semester and year):** Fall Semester 2008, 2009, 2010, 2011, 2012

**Faculty assigned:**

* Fall 2012 (all are F/T): L. O. Beltran, S. Caffey, M. J. Clayton, C. H. Culp, Jr., S. Deyong, F. E. Downing, J. G. Esquivel, A. Geva, K. Glowacki, D. K. Hamilton, W. He, P. Lang, G. J. Mann, V. Miranda, M. J. O’Brien, S. Rodiek, M. M. Shepley, P. J. Tabb, R. B. Warden, W. V. Wells, D. G. Woodcock, W. Yan, X. Zhu
* Fall 2011 (all are F/T): L. O. Beltran, S. Caffey, M. J. Clayton, C. H. Culp, Jr., S. Deyong, F. E. Downing, J. G. Esquivel, A. Geva, K. Glowacki, D. K. Hamilton, W. He, P. Lang, G. J. Mann, V. Miranda, M. J. O’Brien, S. Rodiek, M. M. Shepley, P. J. Tabb, R. B. Warden, W. V. Wells, D. G. Woodcock, W. Yan, X. Zhu