

College of Design Undergraduate Research Opportunities Program Projects 1990-2008

Term	Project Titles by Student Major	Faculty
Architecture		
Spring 2008	The Ice Museum: Built to Last	William Weber
Spring 2008	Using Virtual Reality to Simulate Building Construction	Lee Anderson
Spring 2008	Photorealistic Imagery for Enhanced Perception in Virtual Reality	Lee Anderson
Spring 2008	Affordable Housing Initiatives: How Cultural Considerations Can Inform Design Innovation	Tasoulla Hadjiyanni, Interior Design
Spring 2008	A Case Study on Sustainable Suburban Infill Development	Lance Neckar, Landscape Arch.
Spring 2008	To Whom Does it Concern?	Leslie Van Duzer
Spring 2007	Researching Green Purchasing Potential at the College of Design	Virajita Singh
Fall 2006	Cultural Values and Individual's Independence	Julia Robinson
Fall 2006	Developing the Carbon Footprint of Rapson Hall at the University of Minnesota	Virajita Singh
Fall 2006	The Genocide Reflection	David Feinberg, Art
Fall 2005	An Anthropological Account of Feng Shui Practitioners	Ritu Bhatt
Spring 2002	Sustainable Furniture: An Advance to Sustainable Design	Virajita Singh
Fall 2002	CALA Café Area Study	Thomas Fisher
Fall 2002	Housing and Suburbanization: Linking the Past with Today	Nancy A. Miller
Fall 2002	Surviving Cultural Colonialism: the Spatiality of Food in Oaxacan Vernacular Architecture	Julia Robinson
Spring 2001	Investigation of Santiago Calatrava's Milwaukee Art Museum Expansion Bridge	Bruno M. Franck
Fall 2001	Moving Toward a Sustainable CALA: Students Putting Waste in Its Place	Virajita Singh
Fall 1999	Inhabitable Silos	Bruno M. Franck
Fall 1999	Tel Kedesh Excavations	Andrea M. Berlin,
Spring 1998	Service-Learning in Architectural Education	Thomas Fisher
Spring 1998	The University Gateway Building: An Evaluation and Recording of Construction Processes	J. Stephen Weeks
Fall 1998	Structure Behind Simplicity	Bruno M. Franck
Fall 1998	Theatre of Bazaar	Ali Heshmati
Fall 1998	The Dialogue Between Daylight and Culture: A Photographic Exploration of Japanese Architecture	Ali Heshmati
Spring 1994	An Architectural Evaluation and Comparison of Support Facilities Available to Homeless Adolescents	Katherine Solomonson
Spring 1993	Deaf Schools: Research on Architectural Design	Julia Robinson
Spring 1992	Computer Graphics Analysis of Masonry Construction	J. Stephen Weeks
Spring 1992	Le Corbusier as Social Theorist at L'unite D'habitation	Kathleen James
Fall 1992	Social, Cultural and Architectural Facts: Research on Deaf Culture	Julia Robinson
Fall 1991	A Study of Monastic Architecture on Mount Athos	Lee Tollefson
Fall 1991	Investigating Dutch Humanist Architecture: Michel de Klerk and Aldo Van Eyke	Kathleen James
Fall 1991	Light and Experience vs. Mediated Illustration in Architecture	Andrzej Piotrowski

Fall 1991	Material, Structure, and Light: Creating a Case Study	J. Stephen Weeks
Spring 1990	A Spatial Study, in Model Form, of Adolph Loos's Raumplan	Cynthia Jara
Spring 1990	A Study of Vernacular Design, the Barn as a Building Type	Dennis Grebner
Spring 1990	Investigation and Analysis of the Psychological Response to Climate in India's Architecture	M. Susan Ubbelohde
Spring 1990	The Fable as a Method of Understanding, Communicating and Exploring Architecture	Cynthia Jara
Fall 1990	Applied Hillier and Hanson Space Analogy	Julia Robinson
Fall 1990	The Architecture of the Bronze Age Palace of Nestor at Pylos	A. Frederick Cooper
Fall 1990	The Palladian Link	Cynthia Jara

Clothing Design

Spring 2006	Body Scanning for Fashion Illustration	Elizabeth Bye
Spring 2002	Traveling Cultural Textile Arts Project	Elizabeth Bye
Spring 1999	Female Sailors as Consumers in the Sailing Apparel Industry	Elizabeth Bye

Environmental Design

Spring 2006	Riverfront Revitalization of Mississippi River Towns in Minnesota	Patrick Nunnally
Fall 2002	Review and Analysis of County Policies on Residential Lakeshore Development in NE Minnesota	Ingrid Schneider, Forest Resources
Fall 1998	Urban Design Study in Oxford, England	David G Pitt
Fall 1994	Boundaries: Walls and Fences of Japanese Single Family Homes	Raveenvarn Choksombatchai
Fall 1994	Computers in Architectural Research	Andrzej Piotrowski
Fall 1991	Aesthetic Conservation For Minnesota Farms: A New Form of Practice Based on Research	Joan Nassauer
Fall 1991	Biological Restoration of Floral Park with Focus on the Physiological Aspects of the Elderly	Julia Robinson

Graphic Design

Spring 2008	A Synergy of Design and Video	Brad Hokanson
2005	Internet Gaming by Women	Brad Hokanson
2005	Creativity in Graphic Designers	Brad Hokanson
Spring 2004	A Desire to Take Action Script	Brad Hokanson
Spring 2003	Ergonomically Correct	Brad Hokanson
Intersession 2002	A "Burning" Desire: DVD Authoring and Production	Brad Hokanson
Spring 2002	Development of Student Sound Library and Explorations of Creative Use	Brad Hokanson
Fall 2001	Enhancing Design History – A Focus on New Topics	Barbara Martinson
Fall 2000	Mechanism (Second Phase)	James Boyd-Brent
Fall 1999	Symbols in Korea and the U.S.: A Comparison	Barbara Martinson
Spring 1998	Designing Multilingual Communications	Chu, Sauman
Spring 1998	Documentation and Analysis of Scandinavian Print Media and Graphic Design	Brad Hokanson
Fall 1997	Exploring Non-traditional Black and White Photographic Methods	Jeff Millikan (CLA Art Dept)

Housing Studies

Spring 2008	Affordable Housing and Development and Employer Involvement Survey	Ann Ziebarth
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Interior Design

Spring 2007	A Survey of Available Color Reference Tools for Interior Designers	Carol Waldron, GD faculty
Fall 2006	Development of the Design Research Brief	Denise Guerin
Fall 2005	Culturally Sensitive Housing for the Mexican American Community	Tasoulla Hadjiyanni
Intersession 2003	Computer-Aided Design Trends: Visualizing, Designing, and Communicating in Interior Design	Stephanie Watson
Fall 2002	Computer Aided Drafting Instruction Using Learning Styles	Stephanie Watson
Intersession 00/01	The Larsen Project	Lathrop, Alan X (Psych-D, Education & Human Service Professions)
Fall 1999	The Meaning of Sacred Geometry and Its Relationship to Structures in London, Paris, and Florence	Stephanie Watson
Spring 1998	European Synagogue Architecture	Dolores A. Ginthner

Retail Merchandising

Spring 2003	Global Online Retailing: Consumers' Intention to Purchase From Artisans in Developing Countries	Seung-Eun Lee
Spring 1998	Defining the Boundaries of Kiosk Retailing	Kim K Johnson