

**Exit interview plan for the AECM MS degree program**

**March 11, 2014**

This document must be filled out by the student prior to meeting with Grad Program Coordinator and Track Chair for AECM. This document does not become approved towards certification until both individuals sign off at the bottom and subject to comments that may be entered.

<b>Categ.</b>	<b>Sem.</b>	<b>Courses Offered in the AECM program</b>	<b>Courses taken in replacement</b>	<b>Grade</b>	<b>Units</b>	<b>Certification</b>
PM	Fall	12-611 Project Management for Construction (9)				
PM	Spring	12-711 Special Topics: Building Information Models & UT-based Analysis for Construction (12)				
PM	Spring	48-781 Knowledge Management in Architecture & Planning (12)				
PM	Spring	12-750 Infrastructure Management (12)				
QM	Fall	12-704 Probability & Estimation Methods for Engineering Systems (12)				
QM	Spring	48-711 Paradigms of Research in Architecture (6)				
ME	Fall	12-706 Civil Systems Invest. Planning & Pricing (12)				
ME	Fall	48-725 Real Estate Design & Development (9)				
ME	Fall	12-411 Engineering Economics (6)				
ME	Fall	48-759 Value Based Design in AEC Management: Introduction (6)				
ME	Fall	48-760 Value Based Design in AEC Management: Embedded Commissioning (6)				
Elect.	Fall	12-741 Data Management (6)				
Elect.	Fall	48-722 Building Performance Modeling (12)				
Elect.	Fall	48-729 Productivity, Health & the Quality of Buildings (9-12)				
Elect.	Fall	48-752 Zero Energy Housing (9)				
Elect.	Fall	48-749 Special Topics in CD: Parametric Modeling with BIM (6-12)				
Elect.	Spring	12-714 Environmental Life Cycle Assessment and Green Design (6)				
Elect.	Spring	12716 Advanced Life Cycle Assessment (6)				
Elect.	Spring	12-718 Sustainable Engineering Project (12)				
Elect.	Spring	48-731 Sustainable Design Synthesis Prep (12)				
Elect.	Fall	48-738 Special Topics: Ecological Footprints (6)				
Synth.	Fall	48-766 AECM Synthesis (var)				
Synth.	Spring	48-766 AECM Synthesis (var)				
Intern	Summer	48-700 Practicum Summer Internship (3)				
		<b>TOTALS</b>				
Track Chair		Omer Akin – sign and date				
Graduate Coord.		Darlene Covington-Davis – sign and date				

## Master of Science in Building Performance & Diagnostics

Category	Semester	Course	Courses taken in replacement	Grade	Units	Certification
General	Spring	48-711	Paradigms of Research in Architecture			
Core Requirement	Fall	48-722	Building Performance Modeling			
Core Requirement	Spring	48-723	Performance of Advanced Building Systems			
Core Selectives	Fall	12-421	Engineering Economics			
Core Selectives	Fall	12-600	AutoCAD			
Core Selectives	Fall	12-740	Data Acquisition			
Core Selectives	Fall	12-741	Data Management			
Core Selectives	Fall	48-412	Environment III: Mechanical Systems			
Core Selectives	Fall	48-568	Advanced Cad, BIM & 3D Visualization			
Core Selectives	Fall	48-729	Productivity, Health & the Quality of Buildings			
Core Selectives	Fall	48-738	Special Topics: Ecological Footprint			
Core Selectives	Fall	48-795	LEED Buildings & Green Design Concepts			
Core Selectives	Fall	94-802	(GIS) Geographic Information System			
Core Selectives	Spring	12-714	Environmental Life-Cycle Assessment			
Core Selectives	Spring	12-726	Mathematical Modeling of Environmental Quality Systems			
Core Selectives	Spring	12-743	Computer-Based Approaches for Search & Decision Support in Civil Infrastructure			
Core Selectives	Spring	15-211	Fundamental Data Structures & Algorithms			
Core Selectives	Spring	24-722	Energy System Modeling			
Core Selectives	Spring	48-728	Special Topics in BPD			
Core Selectives	Spring	48-752	Zero Energy House			
Computing	Fall/Spring	15-110	Principles of Computing			
Computing	Fall/Spring	15-121	Introduction to Data Structures			
Project	Fall	48-702	Master's Project			
Project	Spring	48-703	Master's Project			
<b>TOTALS</b>						
Track Chair			Volker Hartkopf -- Sign and Date			
Graduate Coord.			Darlene Covington-Davis -- Sign and Date			

## Master of Science in Computational Design

Category	Semester	Course	Courses taken in replacement	Grade	Units	Certification
Research	Spring	48-711	Paradigms of Research in Architecture			
Research	Fall		Research in Computation Design			
CD Core	Fall	48-531	Fabricating Customization: Robotic Fabrication			
CD Core	Fall	48-709	Tangible Interaction Design Studio			
CD Core	Fall	48-624	Parametric Modeling			
CD Core	Fall	48-747	Shape Grammars			
CD Core	Fall	48-764	BIM			
CD Core	Fall	48-789	Shape and Computation			
CD Core	Spring	48-710	Tangible Interaction Design Studio			
CD Core	Spring	48-714	Parametric Fabrication			
CD Core	Spring	48-724	Parametric Design			
CD Core	Spring	48-781	Knowledge Management in Architecture and Planning			
Programming	Fall	15-112	Fundamentals of Programming and Computer Science			
Programming	Spring	15-122	Principles of Imperative Computation			
Project	Fall	48-702	Master's Project			
<b>TOTALS</b>						
Track Chair		Ramesh Krishnamurti -- Sign and Date				
Graduate Coord.		Darlene Covington-Davis -- Sign and Date				

### Master of Science in Sustainability Design

Category	Semester	Course	Courses taken in replacement	Grade	Units	Certification
Pre-Requisites	Fall	48-315	Environment I: Climate & Energy			
Core Requirements	Fall	48-722	Building Performance Modeling			
Core Requirements	Fall	48-729	Productivity, Health & The Quality of Buildings			
Core Requirements	Fall	48-795	LEED Buildings & Green Design Concepts			
Core Requirements	Fall	12-748	Mech/ELEC System Design for Buildings			
Core Requirements	Spring	48-723	Performance of Advanced Building Systems			
Core Requirements	Spring	48-752	Zero Energy Housing			
Core Selectives	Fall	12-712	Introduction to Sustainable Engineering			
Core Selectives	Fall	12-747	Special Topics: Sustainable Buildings			
Core Selectives	Fall	48-738	Special Topics: Ecological Footprints			
Core Selectives	Fall	90-798	Environmental Policy & Planning			
Core Selectives	Fall	80-244	Environmental Ethics			
Core Selectives	Fall	90-768	Energy & the Environment			
Core Selectives	Fall	90-808	Energy Policy			
Core Selectives	Fall	90-803	Environmental Economics			
Core Selectives	Fall	48-725	Real Estate Design & Development			
Core Selectives	Spring	12-714	Environmental Life-Cycle Assessment			
Core Selectives	Spring	48-569	GIS/CAFM			
Core Selectives	Spring	48-721	Building Controls & Diagnostics			
Core Selectives	Spring	48-728	Special Topics in BPD: Redesigning Our Built Environment			
Core Selectives	Spring	73-148	Environmental Economics			
Core Selectives	Spring	79-354	Energy & Climate: History, Science, Technology & Policy			
Core Selectives	Spring	90-765	Cities, Technology & the Environment			
Core Selectives	Spring	90-789	Sustainable Community Development			
Core Selectives	Spring	90-733	Urban Development			
Project	Spring	48-731	SD Synthesis Prep			
Project	Summer	48-732	SD Synthesis			
<b>TOTALS</b>						
Track Chair	Stephen Lee -- Sign and Date					
Graduate Coord.	Darlene Covington-Davis -- Sign and Date					

### Master of Tangible Interaction Design

Category	Semester	Course	Courses taken in replacement	Grade	Units	Certification
Required	Fall	48-739	Making Things Interactive			
Required	Fall	60-439	Hybrid Instruments			
Required	Fall	51-704	Graduate Design Seminar for IxD			
Required	Spring	51-882	Interactive Art and Computational Design			
Required	Fall	48-769	Thesis Project w/ MTID faculty			
Electives	Fall	48-431	BioLogic: Responsive Architecture			
Electives	Fall	24-780	Engineering Computation			
Electives	Fall/Spring	18-799	Special Topics in Signal Processing: Cognitive Video			
Electives	Spring	16-720	Computer Vision			
Electives	Spring	51-831	Methodology Visualization			
Electives	Spring	05-499	Mobile Service Innovation			
Electives	Spring	15-637	Web Application Design			
Electives	Spring	95-772/08-722	Data Structure for Application Programmers			
Electives	Spring	95-771	Data Structure and Algorithms			
Electives	Spring	10-601	Machine Learning			
Electives	Spring	45-805	Entrepreneurial High Growth Companies			
Electives	Fall/Spring	48-478	Digital Tooling			
Electives	Spring	15-694	Cognitive Robotics			
Electives	Spring	54-736	Future Stages for Grads			
Electives	Spring	15-323	Computer Music Systems and Information Processing			
Electives	Spring	05-833	Gadget, Sensors and Activity Recognition in HCI			
Electives	Spring	05-391	Design Human Centered Software			
Electives	Spring	05-839	The Big Data Pipeline: Collecting and Using Big Data for Interactive Systems			
Electives	Spring	16-778/18-578/24-778	Mechatronic Design			
Electives	Spring	53-607	Etc Interdisciplinary Project II			
Electives	Fall	60-427	Advanced Etb: Special Topics			
Electives	Spring	48-724	Game Design			
Electives	Spring	60-480	Scripting and Parametric Design			
<b>TOTALS</b>						
Track Chair		Dale Clifford -- Sign and Date				
Graduate Coord.		Darlene Covington-Davis -- Sign and Date				