Curriculum Matrix - Miami University

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Standard 2. Global Perspective for Design - Entry-level interior designers have a global view and weigh design decisions within the parameters of ecological, socio-economic, and cultural contexts.

		First Year										Second Year										Third Year										Fourth Year									
		Fall						Spring					Fall						Spring				Fall						Spring				Fall						Spring			
		ARC101 Studio 1	ARC113 Graphics I					ARC102 Studio II	ARC114 Graphics II				ARC203 Studio III	ARC212 Env Sys I	ARC213 Graphics III	ARC221 Arc Hist I	ARC225 Behavior		ARC204 Studio IV	ARC214 Graphics IV	ARC222 Arc Hist II			Elec Studio V	ARC321 ID History	ARC417 Arc Mat	BUS Elective			ARC304 Studio VI	ARC309 Furn Constr	ARC414 Env Sys II	ARC419 ID Mat			ARC403 Studio VII	ARC436 Prog & Res	ARC444 Pro Prac				ARC408 Studio VIII			
Student Learning Expectations																																									
Student work demonstrates *understanding* of:																																									
the concepts, principles, and theories of sustainability as they pertain to building methods, materials, systems, and occupants.	2a																							P					P	P											
Students *understand:*																																									
the implications of conducting the practice of design within a world context.	2b											S			P	P				S				P											S						
how design needs may vary in cultural and social groups with different economic means.	2c											P				P																		P					S		
Program Expectations																																									
The interior design program provides:																																									
exposure to contemporary issues affecting interior design.	2d											S												P										S	P				P		
exposure to a variety of business and organizational structures.	2e																																	S	P	P			S		
exposure to varying group norms and dynamics.	2f											S				P													P												
opportunities for developing knowledge of other cultures.	2g											S			P					P				P																	

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	First Year										Second Year										Third Year										Fourth Year									
	Fall						Spring						Fall						Spring				Fall						Spring						Fall						Spring			
	ARC101 Studio 1	ARC113 Graphics I					ARC102 Studio II	ARC114 Graphics II					ARC203 Studio III	ARC212 Env Sys I	ARC213 Graphics III	ARC221 Arc Hist I	ARC225 Behavior		ARC204 Studio IV	ARC214 Graphics IV	ARC222 Arc Hist II				Elec Studio V	ARC321 ID History	ARC417 Arc Mat	BUS Elective			ARC304 Studio VI	ARC309 Furn Constr	ARC414 Env Sys II	ARC419 ID Mat			ARC403 Studio VII	ARC436 Prog & Res	ARC444 Pro Prac				ARC408 Studio VIII			
Standard 3. Human-centered Design - The work of interior designers is informed by knowledge of human factors and theories of human behavior related to the built environment.																																												
Student Learning Expectations																																												
Students ***understand*** that social and behavioral norms may vary from their own and are relevant to making appropriate design decisions. **3a**													S				P								P												S						S			
Student work demonstrates:																																												
the ***ability*** to appropriately ***apply*** theories of human behavior in the built environment. **3b**																	P														S	S					S						S			
the ***ability*** to select, interpret, and ***apply*** appropriate anthropometric data. **3c**																	P														S	P					S						S			
the ***ability*** to appropriately ***apply*** Universal Design principles. **3d**																	P														S	S					S						S			

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Standard 4. Design Process - Entry-level interior designers need to apply all aspects of the design process to creative problem solving. Design process enables designers to identify and explore complex problems and generate creative solutions that optimize the human experience within the interior environment.

		First Year										Second Year										Third Year										Fourth Year									
		Fall					Spring					Fall					Spring					Fall					Spring					Fall					Spring				
		ARC101 Studio 1	ARC113 Graphics I				ARC102 Studio II	ARC114 Graphics II				ARC203 Studio III	ARC212 Env Sys I	ARC213 Graphics III	ARC221 Arc Hist I	ARC225 Behavior	ARC204 Studio IV	ARC214 Graphics IV	ARC222 Arc Hist II			Elec Studio V	ARC321 ID History	ARC417 Arc Mat	BUS Elective		ARC304 Studio VI	ARC309 Furn Constr	ARC414 Env Sys II	ARC419 ID Mat		ARC403 Studio VII	ARC436 Prog & Res	ARC444 Pro Prac			ARC408 Studio VIII				
Student Learning Expectations																																									
Students are *able* to:																																									
identify and define relevant aspects of a design problem (goals, objectives, performance criteria).	4a	S					S					S					S										S	S				P	P				P				
gather, evaluate, and apply appropriate and necessary information and research findings to solve the problem (pre-design investigation).	4b	S					S					S					S										S					P	P				P				
synthesize information and generate multiple concepts and/or multiple design responses to programmatic requirements.	4c	S					S					S					S										S					P					P				
demonstrate creative thinking through presentation of a variety of ideas, approaches, and concepts.	4d	S					S					S					S										S	S				P					P				
Program Expectations																																									
The interior design program includes:																																									
opportunities to solve simple to complex design problems.	4e	S					S					P					S										P	S				S					P				
exposure to a range of design research and problem solving methods.	4f											P					S											S				S	P				P				
opportunities for innovation and creative thinking.	4g	S					S					S					S										P	P				S					P				
opportunities to develop critical listening skills.	4h											S					S										P					P	P				S				

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Standard 5. Collaboration - Entry-level interior designers engage in multi-disciplinary collaboration.

		First Year										Second Year										Third Year										Fourth Year									
		Fall					Spring					Fall					Spring					Fall					Spring					Fall					Spring				
		ARC101 Studio 1	ARC113 Graphics I				ARC102 Studio II	ARC114 Graphics II				ARC203 Studio III	ARC212 Env Sys I	ARC213 Graphics III	ARC221 Arc Hist I	ARC225 Behavior	ARC204 Studio IV	ARC214 Graphics IV	ARC222 Arc Hist II			Elec Studio V	ARC321 ID History	ARC417 Arc Mat	BUS Elective		ARC304 Studio VI	ARC309 Furn Constr	ARC414 Env Sys II	ARC419 ID Mat		ARC403 Studio VII	ARC436 Prog & Res	ARC444 Pro Prac			ARC408 Studio VIII				
Student Learning Expectations																																									
Students have *awareness* of:																																									
team work structures and dynamics.	5a	S					S										S										P					P									
the nature and value of integrated design practices.	5b	S					S																				P		S			S		P							
Program Expectations																																									
The interior design program includes learning experiences that engage students in:																																									
multi-disciplinary collaboration, leadership, and team work.	5c	S					S										S										P					P									
interaction with multiple disciplines representing a variety of points of view and perspectives.	5d	S					S										S										P	S													

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Standard 6. Communications - Entry-level interior designers are effective communicators.

		First Year										Second Year										Third Year										Fourth Year									
		Fall					Spring					Fall					Spring					Fall					Spring					Fall					Spring				
		ARC101 Studio 1	ARC113 Graphics I				ARC102 Studio II	ARC114 Graphics II				ARC203 Studio III	ARC212 Env Sys I	ARC213 Graphics III	ARC221 Arc Hist I	ARC225 Behavior	ARC204 Studio IV	ARC214 Graphics IV	ARC222 Arc Hist II			Elec Studio V	ARC321 ID History	ARC417 Arc Mat	BUS Elective			ARC304 Studio VI	ARC309 Furn Constr	ARC414 Env Sys II	ARC419 ID Mat		ARC403 Studio VII	ARC436 Prog & Res	ARC444 Pro Prac			ARC408 Studio VIII				
Student Learning Expectations																																									
Students ***apply*** a variety of communication techniques and technologies appropriate to a range of purposes and audiences.	6a		S					P						P				P										S					S					S				
Students are *able* to:																																									
express ideas clearly in oral communication.	6b											S				S	S											P			S		P		S			P				
express ideas clearly in written communication.	6c														S	P			S				P											P	S							
express ideas clearly through visual media (ideation drawings and sketches).	6d		S					S				S					S											P					P					P				
produce presentation drawings across a range of appropriate media.	6e							S				S		P			S	P										S					S					P				
produce integrated contract documents including drawings, schedules, and specifications appropriate to project size and scope.	6f																												S		P		P									
integrate oral and visual material to present ideas clearly.	6g											S					S											P					P					P				

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	First Year								Second Year								Third Year								Fourth Year							
	Fall					Spring							Fall						Spring						Fall					Spring		
	ARC101 Studio 1	ARC113 Graphics I				ARC102 Studio II	ARC114 Graphics II						ARC203 Studio III	ARC212 Env Sys I	ARC213 Graphics III	ARC221 Arc Hist I	ARC225 Behavior	ARC204 Studio IV	ARC214 Graphics IV	ARC222 Arc Hist II					Elec Studio V	ARC321 ID History	ARC417 Arc Mat	BUS Elective			ARC309 Furn Constr		ARC414 Env Sys II	ARC419 ID Mat			ARC403 Studio VII	ARC436 Prog & Res	ARC444 Pro Prac			ARC408 Studio VIII			
Standard 7. Professionalism and Business Practice - Entry-level interior designers use ethical and accepted standards of practice, are committed to professional development and the industry, and understand the value of their contribution to the built environment.																																
Student Learning Expectations																																
Students *understand*:																																
the contributions of interior design to contemporary society. 7a																						S										
various types of design practices. 7b																									S							
the elements of business practice (business development, financial management, strategic planning, and various forms of collaboration and integration of disciplines). 7c																																
the elements of project management, project communication, and project delivery methods. 7d																									S							
professional ethics. 7e																																
Program Expectations																																
The interior design program provides exposure to various market sectors and client types. 7f													S																			
The interior design program provides exposure to the role and value of:																																
legal recognition for the profession. 7g																																
professional organizations. 7h																																
life-long learning. 7i																																
public and community service. 7j																																

	First Year								Second Year								Third Year								Fourth Year							
	Fall					Spring							Fall						Spring						Fall					Spring		
	ARC101 Studio 1	ARC113 Graphics I				ARC102 Studio II	ARC114 Graphics II						ARC203 Studio III	ARC212 Env Sys I	ARC213 Graphics III	ARC221 Arc Hist I	ARC225 Behavior	ARC204 Studio IV	ARC214 Graphics IV	ARC222 Arc Hist II					Elec Studio V	ARC321 ID History	ARC417 Arc Mat	BUS Elective			ARC309 Furn Constr		ARC414 Env Sys II	ARC419 ID Mat			ARC403 Studio VII	ARC436 Prog & Res	ARC444 Pro Prac			ARC408 Studio VIII			
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	First Year										Second Year										Third Year										Fourth Year									
	Fall						Spring						Fall						Spring				Fall						Spring				Fall						Spring			
	ARC101 Studio 1	ARC113 Graphics I					ARC102 Studio II	ARC114 Graphics II					ARC203 Studio III	ARC212 Env Sys I	ARC213 Graphics III	ARC221 Arc Hist I	ARC225 Behavior		ARC204 Studio IV	ARC214 Graphics IV	ARC222 Arc Hist II				Elec Studio V	ARC321 ID History	ARC417 Arc Mat	BUS Elective			ARC304 Studio VI	ARC309 Furn Constr	ARC414 Env Sys II	ARC419 ID Mat			ARC403 Studio VII	ARC436 Prog & Res	ARC444 Pro Prac				ARC408 Studio VIII				
Standard 8. History - Entry-level interior designers apply knowledge of interiors, architecture, decorative arts, and art within a historical and cultural context.																																								
Student Learning Expectations																																								
Students ***understand*** the social, political, and physical influences affecting historical changes in design of the built environment. 8a															P				P					P																	
Students *understand* movements and traditions in:																																								
interior design. 8b															S				S					P																	
architecture. 8c															P				P					S																	
furniture, decorative arts, and art. 8d															P				P					P																	
Students ***apply*** precedents to inform design solutions. 8e																		P																			P	P			

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Standard 9. Space and Form - Entry-level interior designers apply elements and principles of two- and three-dimensional design.

		First Year										Second Year										Third Year										Fourth Year									
		Fall						Spring						Fall						Spring						Fall						Spring						Fall						Spring					
		ARC101 Studio 1	ARC113 Graphics I					ARC102 Studio II	ARC114 Graphics II					ARC203 Studio III	ARC212 Env Sys I	ARC213 Graphics III	ARC221 Arc Hist I	ARC225 Behavior		ARC204 Studio IV	ARC214 Graphics IV	ARC222 Arc Hist II				Elec Studio V	ARC321 ID History	ARC417 Arc Mat	BUS Elective			ARC304 Studio VI	ARC309 Furn Constr	ARC414 Env Sys II	ARC419 ID Mat			ARC403 Studio VII	ARC436 Prog & Res	ARC444 Pro Prac				ARC408 Studio VIII					
Student Learning Expectations																																															
Students effectively *apply* the elements and principles of design to:																																															
two-dimensional design solutions.	9a	S						S						S						S												P						S						S					
three-dimensional design solutions.	9b	P						P						S						S												S	P					S						S					
Students are ***able*** to analyze and communicate theories or concepts of spatial definition and organization.	9c													P						P												S						P						S					

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Standard 10. Color - Entry-level interior designers apply color principles and theories.

		First Year										Second Year										Third Year										Fourth Year									
		Fall						Spring						Fall						Spring						Fall						Spring						Fall						Spring			
		ARC101 Studio 1	ARC113 Graphics I					ARC102 Studio II	ARC114 Graphics II					ARC203 Studio III	ARC212 Env Sys I	ARC213 Graphics III	ARC221 Arc Hist I	ARC225 Behavior		ARC204 Studio IV	ARC214 Graphics IV	ARC222 Arc Hist II				Elec Studio V	ARC321 ID History	ARC417 Arc Mat	BUS Elective			ARC304 Studio VI	ARC309 Furn Constr	ARC414 Env Sys II	ARC419 ID Mat			ARC403 Studio VII	ARC436 Prog & Res	ARC444 Pro Prac				ARC408 Studio VIII					
Student Learning Expectations																																														
Student work demonstrates *understanding* of:																																															
color principles, theories, and systems.	10a		P						P																								P														
the interaction of color with materials, texture, light, form and the impact on interior environments.	10b		P						P																								P														
Students:																																															
appropriately select and ***apply*** color with regard to its multiple purposes.	10c													S						S												P						P						S					
apply color effectively in all aspects of visual communication (presentations, models, etc.)	10d													S						S												P						P		P				S					

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Standard 11. Furniture, Fixtures, Equipment, and Finish Materials - Entry-level interior designers select and specify furniture, fixtures, equipment and finish materials in interior spaces.

		First Year										Second Year										Third Year										Fourth Year									
		Fall					Spring					Fall					Spring					Fall					Spring					Fall					Spring				
		ARC101 Studio 1	ARC113 Graphics I				ARC102 Studio II	ARC114 Graphics II				ARC203 Studio III	ARC212 Env Sys I	ARC213 Graphics III	ARC221 Arc Hist I	ARC225 Behavior	ARC204 Studio IV	ARC214 Graphics IV	ARC222 Arc Hist II			Elec Studio V	ARC321 ID History	ARC417 Arc Mat	BUS Elective		ARC304 Studio VI	ARC309 Furn Constr	ARC414 Env Sys II	ARC419 ID Mat		ARC403 Studio VII	ARC436 Prog & Res	ARC444 Pro Prac			ARC408 Studio VIII				
Student Learning Expectations																																									
Students have *awareness* of:																																									
a broad range of materials and products.	11a											S												S			S	P		P		P									
typical fabrication and installation methods, and maintenance requirements.	11b											S												S				P		P		P									
Students select and ***apply*** materials and products on the basis of their properties and performance criteria, including ergonomics, environmental attributes, and life cycle cost.	11c											S					S							S			S	P		P		P					S				
Students are ***able*** to layout and specify furniture, fixtures, and equipment.	11d											S					S										S			P		P					S				

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Standard 12. Environmental Systems - Entry-level interior designers use the principles of lighting, acoustics, thermal comfort, and indoor air quality to enhance the health, safety, welfare, and performance of building occupants.

		First Year										Second Year										Third Year										Fourth Year									
		Fall						Spring				Fall						Spring				Fall						Spring				Fall						Spring			
		ARC101 Studio 1	ARC113 Graphics I					ARC102 Studio II	ARC114 Graphics II				ARC212 Env Sys I					ARC209 Studio III										ARC204 Studio IV	ARC214 Graphics IV												
														ARC213 Graphics III	ARC221 Arc Hist I	ARC225 Behavior				ARC222 Arc Hist II																					
																						Elec Studio V	ARC321 ID History	ARC417 Arc Mat	BUS Elective			ARC304 Studio VI	ARC309 Furn Constr	ARC414 Env Sys II	ARC419 ID Mat			ARC403 Studio VII	ARC436 Prog & Res	ARC444 Pro Prac				ARC408 Studio VIII			
Student Learning Expectations																																									
Students:																																									
understand the principles of natural and electrical lighting design.	12a												S																P	S			S						S			
competently select and ***apply*** luminaires and light sources.	12b																												P	S			S						S			
Students *understand*:																																									
the principles of acoustical design.	12c																												P	P			S									
appropriate strategies for acoustical control.	12d																												P	P			S									
Students *understand*:																																									
the principles of thermal design.	12e												P					S																							
how thermal systems impact interior design solutions.	12f												P					S																							
Students *understand*:																																									
the principles of indoor air quality.	12g																													P											
how the selection and application of products and systems impact indoor air quality.	12h																													P											

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Standard 13. Building Systems and Interior Construction - Entry-level interior designers have knowledge of building systems and interior construction.

Student Learning Expectations

Student work demonstrates *understanding* that design solutions affect and are impacted by:

		First Year										Second Year										Third Year										Fourth Year									
		Fall					Spring					Fall					Spring					Fall					Spring					Fall					Spring				
		ARC101 Studio 1	ARC113 Graphics I				ARC102 Studio II	ARC114 Graphics II				ARC203 Studio III	ARC212 Env Sys I	ARC213 Graphics III	ARC221 Arc Hist I	ARC225 Behavior	ARC204 Studio IV	ARC214 Graphics IV	ARC222 Arc Hist II			Elec Studio V	ARC321 ID History	ARC417 Arc Mat	BUS Elective		ARC304 Studio VI	ARC309 Furn Constr	ARC414 Env Sys II	ARC419 ID Mat		ARC403 Studio VII	ARC436 Prog & Res	ARC444 Pro Prac			ARC408 Studio VIII				
structural systems.	13a												P				S							P														S				
non-structural systems including ceilings, flooring, and interior walls.	13b												P											P						P												
distribution systems including power, mechanical, HVAC, data/voice telecommunications, and plumbing.	13c																												P	S												
energy, security, and building controls systems.	13d																												P													
the interface of furniture with distribution and construction systems.	13e																													S												
vertical circulation systems.	13f																S												P			S					S					
Students are ***able*** to read and interpret construction drawings and documents.	13g																													P							P					

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Standard 14. Regulations and Guidelines - Entry-level interior designers use laws, codes, standards, and guidelines that impact the design of interior spaces.

		First Year										Second Year										Third Year										Fourth Year									
		Fall						Spring						Fall						Spring						Fall						Spring						Fall						Spring			
		ARC101 Studio 1	ARC113 Graphics I					ARC102 Studio II	ARC114 Graphics II					ARC203 Studio III	ARC212 Env Sys I	ARC213 Graphics III	ARC221 Arc Hist I	ARC225 Behavior		ARC204 Studio IV	ARC214 Graphics IV	ARC222 Arc Hist II				Elec Studio V	ARC321 ID History	ARC417 Arc Mat	BUS Elective			ARC304 Studio VI	ARC309 Furn Constr	ARC414 Env Sys II	ARC419 ID Mat			ARC403 Studio VII	ARC436 Prog & Res	ARC444 Pro Prac				ARC408 Studio VIII					
Student Learning Expectations																																															
Students have *awareness* of:																																															
sustainability guidelines.	14a																										P						P	P													
industry-specific regulations.	14b																										P					S	P	S													
Student work demonstrates *understanding* of laws, codes, and standards that impact fire and life safety, including:																																															
compartmentalization: fire separation and smoke containment.	14c																			S													P					S					S				
movement: access to the means of egress including stairwells, corridors, exitways.	14d																			S													P					P					P				
detection: active devices that alert occupants including smoke/heat detectors and alarm systems.	14e																			S													P					S					S				
suppression: devices used to extinguish flames including sprinklers, standpipes, fire hose cabinets, extinguishers, etc.	14f																			S													P					S					S				
Students *apply*:																																															
federal, state/provincial, and local codes.	14g																			S													P					P					P				
standards.	14h																			S													P					P					P				
accessibility guidelines.	14i																	S		S																		P		S			P				

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