SCHOOL OF ARCHITECTURE

CURRICULUM MAP

	STUDENT LEARNING OBJECTIVES	ARCHITECTURE COURSES									
		1a.General Education	1b.Specialized Study in an Academic Field	1c.Understand Hawaiian Culture and History	2a. Think Critically a dCreatively	2b.Conduct Research	2c.Communitcate and Report	3a.Continuous Learning and Personal Growth	3b.Respect for People and Cultures	3c.Stewardship of the Natural Environment	3d. Civic Participation
	FOUNDATION LEVEL STUDENT LEARNING OUTCOMES (Arch 100, Arch 101, Arch 132, Arch 200):										
	1a. General Education										
1	Ability to broaden one's understanding of design.	100									
2	Ability to understand basic sensibilities in design.	100									
	1b. Specialized Study in an Academic Field										
3	Ability to develop and refine compositions utilizing formal design vocabulary.		101								
4	Ability to explore and refine design ideas through sketching.		101								
5	Ability to explore and refine design ideas through physical models by hand crafting and digital fabrication.		101								
	1c. Understand Hawaiian Culture and History										
6	HWST 107 Hawai'i: Center of the Pacific: A required elective for all the BENVD students.										
	2a. Think critically and creatively										
7	Ability to revise conceptual design and design terminology through constructive peer-and self-critique.				100						
8	Ability to select and use multiple drawing medium.				132						
9	Ability to select presentation mediums for their impact on the communication of designs ideas.				132						
	2c. Communicate and report										
10	Ability to construct plans, sections, elevations, one- and two-point perspectives.						132				
11	Ability to verbally present and define design concepts.						132				
12	Ability to explore basic views of architectural practice and theory.						100				
	3a. Continuous learning and personal growth										
13	Ability to (re)consider architecture/design and the role of an architect/designer.							100			
14	Understanding of the daily activities and office culture of professionals in the field of Architecture Design, Landscape Design, Urban Design, Interior Design, Historic Preservation, and Construction Management							200			
15	Understanding of the range of career opportunities and requirements in the field of environmentl design							200			
	IMMERSION LEVEL STUDENT LEARNING OUTCOMES (Arch 201, Arch 220, Arch 235, Arch 271, Arch 272) :										
	1b. Specialized Study in an Academic Field										
16	Ability to develop and explore multiple design iterations through physical concept models.		201								
17	Ability to conceptualize, design and refine small scale architectural projects.		201								
18	Understanding of the impact of design on assembly strategy.		220								
19	Understanding of material characteristics (wood, concrete, metals, glazing, etc.		220								
20	Understanding of the impact of design on life-safety.		220								
	2a. Think critically and creatively										
21	Understanding of the impact of digital tools on creation and communication of design.				235						
22	Understanding of the role of digital fabrications in the future of design.				235						
	2b. Conduct research										
23	Ability to select and effectively use relevant digital software including: raster and vector based graphics editors, desktop publishing, 3D modeling and CAD, video compilation and editing.					235					
24	Ability to select and properly use digital fabrication equipment including: CNC router, laser cutter and 3D printers.					235					
	2c. Communicate and report										
25	Ability to diagram explicit and implicit elements of architectural precedents.						201				
26	Ability to document human scale with relation to formal and cultural precedents.						201				
	3b Respect for people and cultures, in particular Hawaiian culture)										

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27	Understanding of how the geographic uniqueness and the distinct cultures within Europe, Asia, the Pacific region, the Americas, and Africa have contributed to the diversity of world architecture.								271 272		
	3c. Stewardship of the natural environment										
28	Understanding of the impact of design on environmental issues.									220	
29	Understanding of the variations in climatic circumstances, human needs, values, behavior norms, social and spatial patterns that characterize different cultures of the world and their impact on built forms.									271 272	
	3d. Civic participation										
30	Understanding of the evolvement of architecture with regard to cultural contexts, building techniques, design theories and other aspects that have formed the built environment										271 272
31	Obtaining wide command of a variety of architectural precedents, with their tectonic and theoretical background, and developing basis and inspiration for the recognition and pursuit of design quality in architectural spaces and urban forms of the built environment.										271 272
	INTERMEDIATE LEVEL STUDENT LEARNING OUTCOMES (Arch 321, Arch 341, Arch 342, Arch 371, Arch 372:										
	1b. Specialized study in an academic field										
32	Ability to incorporate human experience in the context of site and landscape design.		341								
33	Ability to develop, represent and convey landscape design intentions through various modes.		341								
34	Ability to conceptualize, design and refine an urban infill architectural projects.		342								
	2a. Think critically and creatively										
35	Ability to conceive ways of implementing and materializing site/landscape designs.				341						
36	Understanding of a citizens' average consumption and footprint.				321						
	2b. Conduct research										
37	Ability to integrate multiple program requirements into design.					342					
38	Ability to integrate vertical circulation and egress requirements within the design.					342					
	2c. Communicate and report										
39	Ability to develop a written design brief (abstract) appropriate to site/ landscape interventions.						341				
40	Ability to write and develop a design brief.						342				
	3a. Continuous learning and personal growth										
41	Understanding of the impact of recent theory development, analysis methods, research outcome, and theoretical models of various disciplines on the design of built environment.							371			
	3b. Respect for people and cultures, in particular Hawaiian culture										
42	Understanding of the connections of design theories to social, cultural, political, scientific, and environmental disciplines.								371		
43	Understanding of how regional, ecological and cultural features have contributed to the diversity of recent design theories.								371		
	3c. Stewardship of the natural environment										
44	Ability to incorporate passive design strategies within site development.									341	
45	Ability to employ urban sustainable design strategies.									342	
46	Understanding of past, present and future sustainable movements.									321	
47	Understanding of the role of designers and construction industries in environmental design.									321	
	3d. Civic participation										
48	Understanding of the government's role in environmental design.										321
49	Understanding of modern architectural developments and their relationship to philosophical and social changes of the 20th and 21st century.										371

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50	Understanding the primary principles of design theories of the 20th and 21st centuries and how those have been and can be applied to design.										371
	CONCENTRATION LEVEL STUDENT LEARNING OUTCOMES (Arch 415, Arch 422, Concentration Required & Elective Courses):										
	1b. Specialized study in an academic field										
51	Calculate selected LEED credits		422								
52	Understand the role of a LEED administrator in guiding and certifying a project		422								
53	Consider diverse points of view when assessing the feasibility of meeting LEED credits		422								
54	Awareness of the role of legal issues in contemporary practice.		433								
	2b. Conduct research										
55	Examine case studies, summarize successful attributes and propose alternative design solutions to meet LEED credites					422					
	2c. Communicate and report										
56	Ability to describe practice ethical issues clearly and critically in writing.						433				
	3a. Continuous learning and personal growth										
57	Ability to independently conceptualize, design, refine, and document a design project.							415			
58	Ability to design a cogent resolution of concept, form and materials.							415			
59	Ability to select and execute an appropriate presentation of analytical and experiential documentation.							415			
60	Understand the roles in an integrated design and construction team.							422			
	Understanding of project organization, management, and delivery models.							433			
	3b. Respect for people and cultures, in particular Hawaiian culture										
61	Understanding of the connections of practice to global issues in the Asia Pacific Region.								433		
	3c. Stewardship of the natural environment										
62	Understand various green building rating systems and their intentions.									422	
63	Demonstrate rigorous understanding of current green building principles and practices.									422	
	3d. Civic participation										
64	Understanding of the role of various entities of the design processes in practice.										433