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#### **Construction Standards**

# 1.6 Sustainability Requirements

### .1 Sustainability – General University Requirements

- .1 Sustainability is a priority and long-term commitment of the University. It is pursued holistically at all levels: energy, transportation, construction, and waste management.
- .2 Environmentally responsible construction practices shall focus on, but not be limited to:
  - .1 Energy efficiency
  - .2 Environmental preservation: earth, water and atmosphere, with emphasis on GHG reduction.
  - .3 Waste management recycling.
  - .4 Durable product selections, containing environmentally friendly, recycled, bio-degradable, and non-toxic materials wherever possible.
  - .5 Manufacturing from renewable resources and regional procurement.
  - .6 Indoor air quality, occupant health and wellness.
  - .7 Building/site design that encourage the members of UVic community to become environmentally aware and adopt new, sustainable paradigms and actions.
- .3 LEED Gold standards shall be incorporated in all projects, regardless of their intended certification status. During programming and schematic design, Consultants shall document the project's sustainability objectives for the Project Officer.

## .2 LEED® Projects

- .1 The University is aiming to certify all New Construction, Major Renovations and Major Tenant Improvement projects to LEED Gold Standards.
- .2 The following shall be considered mandatory credits / objectives for LEED projects:

#### .1 Sustainable Sites:

		Total:	10 Points
.8	Credit 8 -	Light Pollution Reduction	1 Point
.7	Credit 6.2 -	Stormwater Design: Quality Control	1 Point
.6	Credit 6.1 -	Stormwater Design: Quantity Control	1 Point
		Maximize Open Space	1 Point
.5	Credit 5.2 -	Site Development	
		Protect and Restore Habitat	1 Point
.4	Credit 5.1 -	Site Development:	
		Bicycle Storage and Changing Rooms	1 Point
.3	Credit 4.2 –	Alternative Transportation:	
		Public Transportation Access:	3 points
.2	Credit 4.1 –	Alternative Transportation:	
.1	Credit 1 –	Site Selection	1 Point

# .2 Water Efficiency:

		Total:	4 Points
.2	Credit 3 -	Water Use Reduction	2 Points
.1	Credit 1 -	Water Efficient Landscaping	2 Points

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.ა	Energy and Atmosphere:				
	.1	Credit 1 -	Optimize Energy Performance	10 Points	
	.2	Credit 3 -	Enhanced Commissioning	2 Points	
	.3	Credit 4 -	Enhanced Refrigerant Management	2 Points	
	.4	Credit 5 -	Measurement and Verification	3 Points	
	.5	Credit 6 -	Green Power	2 Points	
			Total:	19 Points	
.4	Mate	erials and Re	sources:		
	.1	Credit 2 -	Construction Waste Management	2 Points	
	.2	Credit 4 -	Recycled Content	1 Point	
	.3	Credit 5 -	Regional Materials	1 Point	
			Total:	4 Points	
.5	Indo	or Environm	ental Quality:		
	.1	Credit 1-	Outdoor Air Delivery Monitoring	1 Point	
	.2	Credit 2-	Increased Ventilation	1 Point	
	.3	Credit 3.1-	Construction IAQ Management Plan:		
			During Construction	1 Point	
	.4	Credit 3.2-	Construction IAQ Management Plan:		
			Before Occupancy:	1 Point	
	.5	Credit 4.1-	Low-Emitting Materials:		
			Adhesives and Sealants	1 Point	
	.6	Credit 4.2-	Low-Emitting Materials:		
			Paints and Coatings	1 Point	
	.7	Credit 4.3-	Low-Emitting Materials:		
			Flooring Systems	1 Point	
	.8	Credit 4.4-	Low-Emitting Materials:		
			Composite Wood and Agrifibre Products	1 Point	
	.9	Credit 6.1-	Controllability of System: Lighting	1 Point	
	.10	Credit 6.2-	Controllability of System: Thermal Comfort	1 Point	
	.11	Credit 7.1-	Thermal Comfort: Design	1 Point	
	.12	Credit 8.1-	Daylight and Views: Daylight	1 Point	
	.13	Credit 8.2-	Daylight and Views: Views	1 Point	
			Total:	13 Points	
.6	Innovation in Design:				
	.1	Credit 1-	Innovation in Design	2 Points	
	.2	Credit 1-	LEED Accredited Professional	1 Point	
			Total:	3 Points	
.7	Regi	ional Priority	:		

Credit 1-

.1

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.2 Credit 2- Regional Priority Credit 1 Point Total: 2 Points