

Online Module	TOPIC
Unit 1 - INTRODUCTION	
U1M1	The Basic Human Situation Today
U1M2	Research and Scientific Literature
U1M3	Collapse and Systems
U1M4	Intro to Energy: EROI and the Best First Principle
Unit 2 - ENERGETICS OF NATURAL SYSTEMS	
U2M1	The Global Heat Engine
U2M2	Biomes: The Distribution of Life
U2M3	Evolution and Bioenergetics: The Exploitation of Resources
U2M4	Ecosystem Structure and Function
U2M5	Ecological Concepts: Food Chains & Carrying Capacity
Unit 3 - HUMAN EVOLUTION; GENETIC AND CULTURAL	
U3M1	Hunting & Gathering; Herding
U3M2	First Agriculture
U3M3	Trade, Piracy, Kleptocracy, and the New World
Unit 4 - INDUSTRIAL REVOLUTION	
U4M1	Exponential Growth
U4M2	Evolution and Economic Concepts
U4M3	Fuel Resources
Spring Break	
U4M4	Nuclear Power and EROI
U4M5	Alternative Energy and EROI
Unit 5 - CONSEQUENCES OF INDUSTRIALIZATION	
U5M1	The Environment of Cities
U5M2	Pollution
U5M3	Eutrophication
U5M4	Fisheries
U5M5	Acid Deposition
U5M6	The Changing Atmosphere
U5M7	Consequences summary – population, food, energy, erosion
Unit 6 - LAND USE CHANGE	
U6M1	Limits to Growth
U6M2	Modeling Development in the Tropics
Unit 7 - MANAGEMENT	
U7M1	Conservation Biology
U7M2	Environmental Law
U7M3	Environmental Engineering
Unit 8 - Conclusion	
U8M1	Which Future?