

Week	Physics	Bio & Chem
1,2	A 1-2 . Overview of Earth's Habitability	A 3-4. Overview of Earth's Habitability
3	B1. Light and Air	A. 5 Origins and Habitability I
3	B2. Why Table Mountain has a tablecloth	A. 6 Origins and Habitability II
4	C1. Why Cape Town has wet winters and dry summers	B3. Light and Air
4	C2. Why Cape Town has wet winters and dry summers	B4. Green Planet; Photosynthesis as the basis of life
5	C3. Why Cape Town has wet winters and dry summers	B5. Atmospheric Chemistry I
5	C4. Why Cape Town has wet winters and dry summers	B6. Atmospheric Chemistry II
6	C5. Why Cape Town has wet winters and dry summers	D1. Man and Atmospheric CO ₂
6	C6. Why Cape Town has wet winters and dry summers	D2. The Ocean and Atmospheric CO ₂
7	D3. The Cold West Coast and Warm East Coast	E1. The Carbon Cycle
7	D4. The Cold West Coast and Warm East Coast	E2. The Nitrogen Cycle.
8	D5. The Cold West Coast and Warm East Coast	E3. Biogeochemistry in the Oceans
8	D6. The Cold West Coast and Warm East Coast	E4. Biogeochemistry on Land
9	F1. El Nino and La Nina	E5. Natural Biogeochemical Feedbacks
9	F2. El Nino and La Nina	E6. Geoengineering; Anthropogenic Induced Biogeochemical Feedbacks
10	F3. Climate Changes in the Past and Future	F4. Paleontology
11	F5. Climate Changes in the Past and Future	F6. Decent of Man
12	A7. Why Cape Town is Special	A8. Global Warming and The fate of Anthropogenic Carbon <i>An Overview</i>

Key

Course A– 8 Lectures (All Students)	Introduction and Origins (mixed disciplines)
Course B– 6 lectures (Elective)	All About Light and Air (mixed disciplines)
Course C - 6 lectures (Elective)	Why Cape Town has wet winters and dry summers (Phys)
Course D – 6 lectures (Elective)	CO ₂ and Ocean Circulation (mixed disciplines)
Course E – 6 lectures (Elective)	Biogeochemical Cycles (Bio/Chem)
Course F – 6 lectures (Elective)	Investigating the Past and Future.....(mixed disciplines)