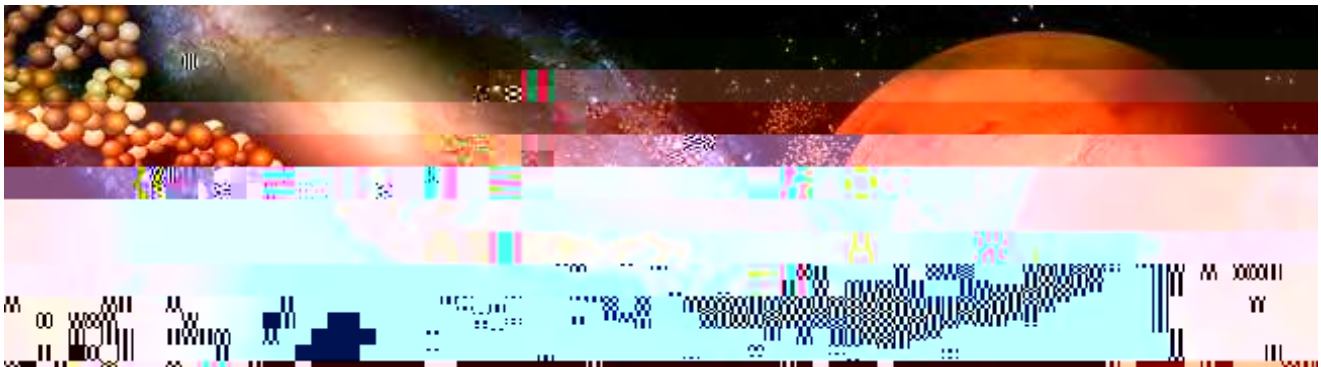




Course Outline

BEES6741: Astrobiology: Life in the Universe



School of Biological, Earth
and Environmental Sciences

Faculty of Science

Term 3, 2022

no rote learning is required or tested, but each module concludes with a summary of what students should have gained from the module for you to self-check on progress. In addition, Assignment 1 Part A is due in Week 2 with marks back in Week 3 to help students ensure they are on track at an early stage of the course.

2.3 Learning in a fully online course

BEy online course

search for life in the universe. Students will be able to form a coherent argument on the strengths and weakness of the available evidence.

CLO 2: Synthesise the evidence from a Virtual Field Trip to reconstruct the geological sequence

containing text, images and videos aimed at student understanding of the interdisciplinary nature of key concepts in astrobiology.

Three assessments: These are aimed at helping students build confidence in their understanding of astrobiology. They are based around interactive and dynamic learning including an interactive Virtual Field Trip to where we find the earliest most convincing evidence of life on Earth 3.48 billion years ago. The three assessments are: A1 (Parts A and B) = 25%; A2 (Parts A and B) = 30%; A3 = 45% (in place of a final exam).

Note: Assessments 1, 2 and 3 MUST be completed to pass the course. This is a course requirement.

Time input into the course: The hours for a six Units of Credit at UNSW is 150 hours for the whole course. One third is course content, one-third self-directed research to deepen your understanding and study, and one-

Week 3 Origin of life	Origin of life on Earth Ocean-based hot springs Life in the extreme environments Land-based hot springs Hot Springs Virtual Field Trip Ancient hot springs on Mars	Virtual class 2 (30 minutes) Thursday Week 3 at 9.30am
Week 4 Early life and the VFT	Shark Bay stromatolites Pilbara ancient stromatolites The four stages in which the Pilbara Dresser Formation stromatolites arose and died 3.48 billion years ago	Hot springs Virtual Field Trip Part B Assessment 1: DUE FRIDAY WEEK 4 AT 23.59
Week 5 Preparation for the Virtual Field Trip	Undertaking virtual fieldwork Field trip preparation Field notebook preparation Orienting yourself in the Virtual Field Trip Field trip VR and 3-	

Students facing learning difficulties (whether temporary or permanent) should approach Equitable Learning Services to discuss whether an Equitable Learning Plan would be helpful. The link is here < <https://student.unsw.edu.au/els/register>>

9. Help with your studies

You are strongly encouraged to engage with me in relation to the course content through the virtual classes, one-on-one tutorials (available at any time on request), and e-mail.

I generally aim to respond to your enquiries with 12 hou reW*n(au)4h†/F 0.45 Tm0 . reW*nBT/F1 12 Tf1 0