

Videos/Films

- 7.1 “Birth of the Earth” (50:05 mins) by Naked Science, at <https://tinyurl.com/yalf312r>
7.2 “Geology” (11:03 mins) by Bozeman Science at https://www.youtube.com/watch?v=acwSG17e_1Q
7.3 “Earth's formation and history” (10:24 mins) by TheSDRO11 at <https://www.youtube.com/watch?v=YrruvHNwGq4>

MODULE 8

Readings

- 8.1 Section 5.2 “The Origin of the Elements” in UC Davis. 2019. Chem 2C General Chemistry III. Open Education Resource (OER) LibreTexts Project. Retrieved from, <https://tinyurl.com/y56jrstu>
8.2 Hayes, J.M. 2020. Evolution of the atmosphere. Encyclopaedia Britannica, Inc. Retrieved from, <https://tinyurl.com/yxauv252>
8.3 Harvard University. Origin of water on Earth. Retrieved from, <https://tinyurl.com/y655h6y8>
8.4 pp. 38-41 “How Oxygenic Photosynthesis Remodeled the Earth” in Decker, H. and K.E. van Holde. 2011. Oxygen and the Evolution of Life. Berlin, Heidelberg: Springer-Verlag. xi, 172 p.

Video

- 8.1 “The Faint Young Sun Paradox” (2:55 mins) by MinuteEarth, at www.youtube.com/watch?v=qbnaes8X4iQ

MODULE 9

Readings

- 9.1 pp. 184-188 “Origin of Life” in Wicander, R. and J.S. Monroe. 2010. Historical Geology: Evolution of Earth and Life Through Time (6th ed.). CA, USA: Brooks/Cole.
9.2 “The origin of life” in Sagan, D., L. Margulis, and C. Sagan. 2020. Life. Encyclopaedia Britannica, Inc. Retrieved from, <https://www.britannica.com/science/life>

Video

- 9.1 “How did life begin? Abiogenesis. Origin of life from nonliving matter” (14:28 mins), at <https://tinyurl.com/yyjgqakk>

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As the faculty-in-charge of Science 10, I will uphold and abide by what is written in this syllabus. If changes in the schedule need to be made in the future due to unforeseen events (e.g., short notifications of faculty meetings, seminars, forums, medical emergencies, etc.) or natural calamities (e.g., typhoons, etc.), I will inform the students of the/these change/s in class or through email.

Judith R. Silapan
Faculty-in-charge
1st semester 2023-2024

I, (Name of Student) _____, have read, understood, and agreed to the contents of this syllabus. I promise to abide by what is stipulated in the Science 10 course syllabus.

(Signature of student)

(Student no.)