

Structure and Geological Evolution on the Earth Home

Fall 2019 - CH-130-A

General Info:

The objective of this part of the course is to provide a succinct summary of the important geological events and processes that are part of the evolution of life on earth. The lectures also provide an overview of how the geological time scale was reconstructed using absolute and relative correlation. Finally fundamental geological principles such as uniformitarianism, lateral continuity, catastrophism will also be discussed.

Finally, parts of the lecture slides have been put together for the first time for this part of the course. Many thanks to Prof. Rossi for permission to use some of the slides that he prepared for a previous course. Some slides may contain copyright material for which permission is being requested. Hence, you are kindly requested not to (re)distribute the slides and notes provided during class.

Reading Material

Books

The key reading material is:

- [An Introduction to Geology, 2017. Chris Johnson, Matthew D. Affolter, Paul Inkenbrandt, Cam Mosher, Salt Lake Community College](#)

%	Grade Component	Questions (from this part)
100	Final Exam	Mostly multiple choice, maybe short answer questions.

Nr	Date	From	To	Venue	Instructor	Topic
1	Fri, 6. Sep. 2019	11:15	12:30	WH-3 Seminar	Prof. Dr. Michael Bau;	
2	Fri, 13. Sep. 2019	11:15	12:30	WH-3 Seminar	Prof. Dr. Michael Bau;	
3	Fri, 20. Sep. 2019	11:15	12:30	WH-3 Seminar	Prof. Dr. Michael Bau;	
4	Fri, 27. Sep. 2019	11:15	12:30	WH-3 Seminar	Prof. Dr. Michael Bau;	
5	Fri, 4. Oct. 2019	11:15	12:30	WH-3 Seminar	Prof. Dr. Michael Bau;	
6	Fri, 11. Oct. 2019	11:15	12:30	WH-3 Seminar	Prof. Dr. Michael Bau;	
7	Fri, 18. Oct. 2019	11:15	12:30	WH-3 Seminar	Prof. Dr. Michael Bau;	
8	Fri, 25. Oct. 2019	11:15	12:30	WH-3 Seminar	Prof. Dr. Vikram Unnithan	Introduction - Chapter 1
9	Fri, 1. Nov. 2019	11:15	12:30	WH-3 Seminar	Prof. Dr. Vikram Unnithan	Geological Time - Chapter 7
10	Fri, 8. Nov. 2019	11:15	12:30	WH-3 Seminar	Prof. Dr. Vikram Unnithan	Evolution & Hadean Chapter Sections 8.1, 8.2, 8.3
11	Fri, 15. Nov. 2019	11:15	12:30	WH-3 Seminar	Prof. Dr. Vikram Unnithan	Archean & Proterozoic Chapter Sections 8.4, 8.5
12	Fri, 22. Nov. 2019	11:15	12:30	WH-3 Seminar	Prof. Dr. Vikram Unnithan	Palaeozoic Chapter Section 8.6
13	Fri, 29. Nov. 2019	11:15	12:30	WH-3 Seminar	Prof. Dr. Vikram Unnithan	Mesozoic Chapter Section 8.7
14	Fri, 6. Dec. 2019	11:15	12:30	EH-3 Seminar	Prof. Dr. Vikram Unnithan	Cenozoic Chapter Section 8.8
15	Wed, 18. Dec. 2019	09:00	11:00	R.3-51 Lecture Hall	Prof. Dr. Michael Bau; Prof. Dr. Vikram Unnithan	EXAM
16	Wed, 29. Jan. 2020	08:00	10:00	EH-2 Seminar	Prof. Dr. Michael Bau; Prof. Dr. Vikram Unnithan	MAKEUP

File	Modified 
PDF File 1 Understanding Science – An Introduction to Geology.pdf	Oct 25, 2019 by Unnithan, Vikram
PDF File 7 Geologic Time – An Introduction to Geology.pdf	Oct 25, 2019 by Unnithan, Vikram
PDF File 8 Earth History – An Introduction to Geology.pdf	Oct 25, 2019 by Unnithan, Vikram
PDF File Earth_History_4.pdf	Nov 22, 2019 by Unnithan, Vikram
PDF File Earth_History_1.pdf	Dec 15, 2019 by Unnithan, Vikram
PDF File Earth_History_2.pdf	Dec 15, 2019 by Unnithan, Vikram
PDF File Earth_History_3.pdf	Dec 15, 2019 by Unnithan, Vikram
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