1	Course title	Plate Tectonics
2	Course number	0305403
3	Credit hours (theory, practical)	3 hours (Theory)
	Contact hours (theory, practical)	3 hours (Theory/Weekly)
4	Prerequisites/co requisites	No.
5	Program title	B.Sc. in Geology
6	Program code	03052
7	Awarding institution	The University of Jordan/Department of geology
8	School	Science
9	Department	Geology
10	Level of course	3rd year B.Sc.
11	Year of study and semester (s)	2020 Summer semester
12	Final Qualification	B.Sc. in Geology
13	Other department (s) involved in teaching the course	No other department (s) involved in teaching the course
14	Language of Instruction	English
15	Teaching methodology	☐Blended ☒Online
16	Electronic platform(s)	☐Moodle ☒Microsoft Teams ☐Skype ☒Zoom ☐Others
17	Date of production/revision	26-6-2020

18. Course Coordinator:

Office numbers, office hours, phone numbers, and email addresses should be listed.
Dr. Mu'ayyad Al Hseinat, Office no. Geo 211

19. Other instructors:

Office numbers, office hours, phone numbers, and email addresses should be listed.
Dr. Mu'ayyad Al Hseinat, Office no. 211
Tel. +962-6-5355000, Ext. 22262
Mobile: 0778740900
Office hours: Every day from 9 am to 14 pm.
Email: m.hseinat@ju.edu.jo

20. Course Description:

As stated in the approved study plan. Welcome to Introduction to Plate Tectonics Theory!
This course will provide the students with an advance understanding of Plate Tectonics, i.e., Investigating Earth's structures, Continental drift theory, Seafloor spreading, Magnetic stripes and polar wandering, Mantel convection models, Plate boundaries, Rates and motion of the plates, Hot Spots, History of the continents. The topics covered in this course will allow the students to better understanding of the physical processes that caused Plate Tectonics.

21. Course aims and outcomes:

A- **Aims:**
Provide an advance understanding of Plate Tectonics, i.e., Investigating Earth's structures, Continental drift theory, Seafloor spreading, Magnetic stripes and polar wandering, Mantel convection models, Plate boundaries, Rates and motion of the plates, Hot Spots, History of the continents. The topics covered in this course will allow the students to better understanding of the physical processes that caused plate tectonics.

B- Intended Learning Outcomes (ILOs): Upon successful completion of this course students will be able to

Skill Outcomes Knowledge and
1- Identify the Plate Tectonics and major processes that play role in moving the plates.
2- Understand what the different types of plate boundaries are with special focus on the plate tectonic theory.

22. Teaching Methods and Assignments:

Development of ILOs is promoted through the following teaching and learning methods:
- Online lectures, Online discussion, YouTube channel, tutorial, problem solving, debates etc.
- The use of power point presentations, Illustrations with modules, educational animations, and movies.
- All lectures will be recorded and student can listen later for deep understanding.

23. Evaluation Methods and Course Requirements:

Opportunities to demonstrate achievement of the ILOs are provided through the following assessment methods and requirements:

Evaluation Activity	Mark	Topic(s)	Period (Week)	Platform
Quizzes	20	Different chapters	Every week	Microsoft Form
First Exam	15	Different chapters	After 3 weeks	Microsoft Form
Second Exam	15	Different chapters	After 6 weeks	Microsoft Form
Final Exam	50	Different chapters	After 8 weeks	Microsoft Form

24. Course Requirements (e.g., students should have a computer, internet connection, webcam, account on a specific software/platform…etc.):

Internet connection, PC or Laptop, Account on Microsoft

25. Course Policies: (Facilities, Tools, Labs, Training….)

• Attendance Policy: attendance is mandatory. Class non-attendance usually results in poor grades.
• All students are expected to follow the policies of the Student Code of Ethics as outlined in the Student Handbook.
• During class lectures, please make sure that all cell phones and pagers are silenced or are in vibrate mode. If you need to answer an urgent call (except during an exam), please leave the class to speak on the phone.
• Please make sure to arrive at class on time, as entering late is a distraction to the students and instructor. Students arriving after an exam has already been passed out (without legitimate excuse) will lose 10 points on that exam, and will have less amount of time to finish the exam compared with the rest of the class.
• Cheating may, at my discretion, result in an ***F*** for the course.

Grading will not necessarily be "on a curve." There is no expectation of what the average grade should be, nor what the grade distribution should look like. If everyone were to demonstrate outstanding understanding of all the material, then everyone deserves a grade of A (and I would be very happy to give each one of them)! I therefore encourage you to discuss the course material with each other to get the most out of the class.
Note: the points and percentages given are approximations and may vary slightly:

Letter	Percentage
A	>91
A-	88-90
B+	85-87
B	80-84
B-	75-79
C+	70-74
C	65-69
C-	60-64
D+	55-59
D	50-54
D-	45-49
F	0-44

26. References:

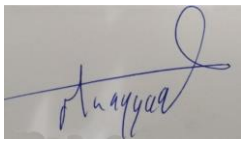
Required book (s), assigned reading and audio-visuals:

-Plate Tectonics and Crustal Evolution, 4th Edition Author(s): Kent C. Condie, 1997
-Internet, YouTube Channel, Support material (s): presentations, homework, and video clips

25. Additional information:

Thinking and analysis

The thinking skills will be developed by encouraging students to conclude answers of different questions that the instructor intends to use during the presentation of the scientific material. The instructor intends to stimulate the student`s analytical thinking side via connections with general aspects in daily life or through questions, net searching, and home works.

Name of Course Coordinator: -***Mu'ayyad Al Hseinat***-----Signature: ---  ------
Date: 26.06.2020

Head of curriculum committee/Department: ---------- Signature: ----------

Head of Department: ---------- Signature: ----------

Head of curriculum committee/Faculty: ---------- Signature: ----------

Dean: ---------- -Signature: ----------