

SEE-U Jordan 2015 – Session I

WEEK 1 SCHEDULE

MONDAY

10:00	Hotel pick-up
10:30-11:30	CUMERC orientation
11:30-13:30	Lecture: course orientation, Welcome to Jordan
13:30-14:30	Lunch
14:30	Return to hotel
16:00-21:00	Trip to Wild Jordan, city tour, and dinner

Readings: [SEE-U Module 1](#), *Field Guide to Jordan* pp.8-32

TUESDAY

10:00	Hotel pick-up
10:30-13:30	Guest lecture and exercise: R. Mahaseneh on water resource management
13:00-14:30	Lunch
14:30-17:00	Lecture: Intro to ecology
18:00-20:00	Alumni reception and dinner

Readings: [SEE-U Module 2](#); Begon *et al.*, *Ecology: From Individuals to Ecosystems*, Ch. 1; *Field Guide to Jordan* pp. 38-82; Raddad K 2005, Water supply and water use statistics in Jordan.

WEDNESDAY

10:00	Hotel pick-up
10:30-13:00	Lecture: Ecology and Biodiversity of Ajloun
13:00-14:30	Lunch
14:30-1800	Tour of, introduction to, and use of library at American Center of Oriental Research
18:00-19:30	Petra lecture at ACOR
19:30-21:00	Dinner (mansaf)

Readings: *Field Guide to Jordan* pp. 88-104 [SEE-U Module 16](#), *Ecology* Ch. 7
Human Footprint – Sanderson *et al* (excerpt only),
The Scientific Method – Schumm

THURSDAY

10:00	Hotel pick-up
10:30-13:00	Royal Stables
13:00-14:30	Lunch
14:30-15:00	QUIZ 1
15:00-18:00	Tour of Citadel
18:00-20:00	Dinner

Readings: *Field Guide to Jordan*: become familiar with the taxonomic section
[SEE-U Module 9](#), *Ecology* Ch. 2

FRIDAY

10:00-13:00	Hotel pick-up, leave for Ajloun
13:00-15:00	Tour Soap and Calligraphy Houses (community development projects)
15:00-16:30	“Lunch with locals”
19:00-20:30	Dinner

Readings: [SEE-U Module 6](#), [SEE-U Module 13](#), Amir *et al.* 2004. Nature conservation in Jordan.

SATURDAY

8:00-9:30	Breakfast
10:00-14:30	Hike Rockrose Trail
14:30-15:30	Lunch
15:30-19:00	Tour Elias and Ajloun Castle
19:00-20:30	Dinner
20:30-21:00	QUIZ 2

Readings: [SEE-U Module 14](#), [SEE-U Module 8](#)

SUNDAY

REST DAY

WEEK 2 SCHEDULE

MONDAY

9:00-17:30	Travel to Dana
19:00-20:00	Dinner

Readings: [SEE-U Module 3](#), Gharaybeh 2013, The environmental constituents of eco-tourism in Jordan.

TUESDAY

8:30-9:30	Breakfast
9:30-12:30	Lecture: Ecology and Biodiversity of Dana
12:30-14:00	Lunch
14:00-19:00	“Viewpoint” Hike
19:30-20:30	Dinner

Readings: [SEE-U Module 11](#), Dana Ecology Report

WEDNESDAY

8:30-9:30	Breakfast
9:30-12:00	Lecture: Experimental design
12:00-13:00	Lunch
13:00-14:30	Tour of Dana village and silver workshop (community development project)
14:30-18:00	Bird census activity
18:30-19:00	QUIZ 3
19:00-20:30	Dinner

Reading: Alfarra *et al.* 2011. A framework for wastewater reuse in Jordan: Utilizing a modified wastewater reuse index

THURSDAY

6:00-7:00	Breakfast, leave for Aqaba
7:00-18:30	Petra
20:30-22:00	Dinner at hotel in Aqaba

Readings: Loya 2004, *The Coral Reefs of Eilat – Past, Present and Future*

FRIDAY

8:00-9:30	Breakfast
10:00-13:00	Lectures: Intro to marine ecology and biodiversity, Scientific sampling
13:00-14:30	Lunch
14:30-17:30	Species-area curve activity along the shoreline
19:00-21:30	Dinner in town

Readings: Groombridge and Jenkins 2002, Ch. 6: Marine biodiversity

SATURDAY

Rest day and office hours; dinner in town

SUNDAY

8:00-9:30 Breakfast
9:30-10:00 QUIZ 4
10:00-13:00 Lectures: Coral reef fishes of the Gulf of Aqaba, Scientific writing
13:00-14:30 Lunch
14:30-17:30 Data analysis activity: species-area curve and bird censuses
19:00-21:30 Dinner in town

Readings: Burke 2011, *Reefs at Risk Revisited*; *Fish of Aqaba*

WEEK 3 SCHEDULE

MONDAY

Work on draft proposal, office hours, snorkeling activity (weather permitting)

Reading: World Bank 2006, *The Hashemite Kingdom of Jordan: Gulf of Aqaba Environmental Action Plan*

TUESDAY

Work on draft proposal, office hours
DRAFT PROPOSALS DUE AT 17:00 (final proposals due 48 hours after receiving comments)

Readings: [SEE-U Module 12](#)

WEDNESDAY

8:00-9:30 Breakfast
9:30-12:00 Lecture: Eutrophication and pollution
12:00-13:00 Lunch
13:00-15:00 Work on projects
15:00-17:30 Snorkeling activity (weather permitting)
19:00-21:30 Dinner in town

Readings: [SEE-U Module 15](#); Speight and Henderson 2010, Marine Conservation

THURSDAY

8:00-9:30 Breakfast
9:30-13:00 Lectures: Population ecology, Overfishing I
13:00-14:30 Lunch
14:30-18:30 Work on projects
18:30-19:00 QUIZ 5
19:00-21:30 Dinner in town

Readings: [SEE-U Module 4](#); *Ecology* Ch. 15.; Worm *et al.* 2009, Rebuilding Global Fisheries

FRIDAY

8:00-9:30 Breakfast
9:30-13:00 Lectures: Overfishing II, Aquaculture
13:00-14:30 Lunch
14:30-19:00 Work on projects

19:00-21:30 Dinner in town

Readings: Loya 2007, How to influence environmental decision makers? The case of Eilat (Red Sea) coral reefs; Loya and Kramarsky-Winter 2003, Aquaculture critique

SATURDAY

Rest day, office hours, work on projects

SUNDAY

8:00-9:30 Breakfast
9:30-11:30 Lecture: Data analysis
11:30-13:00 T-test and excel activity
13:00-14:00 Lunch
14:30-15:00 QUIZ 6
15:00-19:00 Work on projects
19:00-21:30 Dinner in town

Readings: Ecology Ch. 21, *How to Calculate Biodiversity Indices (EX5 Folder)*,

WEEK 4 SCHEDULE

MONDAY

8:00-9:30 Breakfast
9:30-13:00 Lectures: Community ecology, Figures and tables
13:00-14:00 Lunch
15:00-20:00 Tour of Wadi Rum
20:00-22:00 Bedouin dinner

Readings: [SEE-U Module 5](#), [SEE-U Module 7](#), Ecology Ch. 8, 13.

TUESDAY

8:00-9:30 Breakfast
9:30-11:30 Presentation at Royal Marine Conservation Society (JREDS)
12:00-13:30 Lunch
13:30-16:00 Lectures: Dead Sea, How to give a presentation
16:00-16:30 QUIZ 7
16:30-19:00 Work on projects
19:00-21:30 Dinner in town

Readings: *FoEME Analysis Red Sea Dead Sea Conduit 2007, Red-Dead Final Report 2011*

WEDNESDAY

8:00-9:00 Breakfast
9:00-12:30 Drive to Wadi Mujib on Dead Sea
13:00-14:00 Lunch
14:00-19:00 Dead Sea activity
19:00-20:30 Dinner

Readings: Ecology Ch. 16

THURSDAY

8:00-9:00 Breakfast
9:00-16:00 Tour of Mt. Nebo and Madaba
16:00-19:00 Work on projects at Amman hotel
19:00-21:00 Dinner in town

FRIDAY

Work on projects at Books@Cafe, office hours

SATURDAY

Work on projects at CUMERC, office hours

SUNDAY

9:30 Hotel pick-up
10:00-17:00 Student presentations
18:00-20:00 Farewell dinner