

**SEE-U 2007 – Dominican Republic
WEEK 1 SCHEDULE**

SATURDAY (07/21/07) – Orientation

Materials: Handout

SUNDAY (07/22/07) – Orientation

8:00-9:00	Breakfast
10:00-10:30	Biodiversity Lab Orientation w/ Heyddy
10:30-12:00	Instructor's Welcome
12:30-1:30	Lunch
1:30-2:30	Free Time
2:30-5:00	Orientation Hike & Swim (Optional)
5:00-6:30	Free Time
6:30	Dinner

Materials

Students: hiking and snorkeling gear; Instructors: Handouts (Schedule Week 1)

MONDAY (07/23/07) – M1: Global Biomes

7:30-8:30	Breakfast
9:00-10:30	Course Orientation (@ Class)
10:30-11:30	M1 Class: Lecture Global Biomes
11:30-12:30	M1 Class: Walker Climate Diagram Exercise
12:30-1:30	Lunch
1:30-3:00	M1 Class: Background Research and Presentation Preparation
3:00-3:30	M1 Class: Presentation
4:00-5:30	Shopping Trip to Bavaro (Optional)
6:30	Dinner

Materials Students: laptops; Instructors: Handouts (Course & Project Grading, Conduct Agreement, Monthly Calendar),

www.worldweather.org, www.worldwildlife.org/science/ecoregions/biomes.cfm,
www.nationalgeographic.com/wildworld/terrestrial.html, Walker Climate Diagram CD, Projector

TUESDAY (07/24/07) – M2: Local Biome

7:30-8:30	Breakfast
9:00-9:30	Quiz 1 (M1, CRE 1)
9:30-12:00	M2 Field: Aquatic Plant Data Collection/Sorting
12:30-1:30	Lunch
1:30-2:30	M2 Class: Data Analysis & Graphing
2:30-5:00	M2 Class: Begin Presentation Preparation
5:00-6:00	Reading Time
6:30	Dinner

Materials Students: Snorkeling gear; Instructors: Handouts (M2 Datasheet), Clipboards, Sharpies, Marine Plants of the Caribbean Field Guide, Plastic Bags, PVA Quadrat

WEDNESDAY (07/25/07) – M2: Local Biomes pt. 2

!! PROJECT TOPIC DUE !!

7:30-8:30	Breakfast
9:00-9:30	Quiz 2 (M2, CRE 2)
9:30-11:00	M2 Class: Finish Presentations
11:00-12:00	M2 Class: Presentations
12:00-12:30	Intro to ConBio I Discussion
12:30-1:30	Lunch
1:30-2:30	Preparation for ConBio I: Conservation Priority Setting
2:30-4:00	ConBio I Discussion
5:00	Project Topic Due – Hand to Amber
6:30	Dinner

Materials Instructors: Web Resources for ConBio Discussion (www.worldwildlife.org/science/ecoregions/biomes.cfm,
<http://web.conservation.org/xp/CIWEB/regions/priorityareas/>), Projector

Readings for Week 1:

Modules (M): 1,2,9
(<http://see-u.org/dr/index.html>)

Caribbean Reef Ecology (CRE):
Chapters 1,2,3
(<http://www.duke.edu/~mmv3/SEE-U2007>)

Measuring Biodiversity (MBD):
pp.345-347
(<http://www.duke.edu/~mmv3/SEE-U2007>)

Optional:

1. Mittermier et al. (1998)
2. Olson et al. (2001)
3. Measuring Biodiversity pp. 345-347

(<http://www.duke.edu/~mmv3/SEE-U2007>)

THURSDAY (07/26/07) – M9: Abiotic Processes

7:30-8:30	Breakfast
9:00-9:30	Quiz 3 (M9, CRE3)
9:30-12:00	M9 Field: Abiotic Factors Data Collection
12:30-1:30	Lunch
1:30-5:00	M9 Class: Data Analysis, Intro to Statistics & Discussion
5:00-6:00	Reading Time
6:30	Dinner

Materials Students: hiking gear, compasses; Instructors: Handout (M9 Field Sheet), flags, 50m Tape Measures, Soil Measurer, Sling Hygrometers)

FRIDAY (07/27/07) – Individual Projects

!! DRAFT PROPOSAL DUE!!

Whole day for work on individual projects
Instructors available until 12:30PM

7:30-8:30	Breakfast
9:00-10:00	Individual Projects Orientation
10:00-12:30	Individual meeting with instructors
12:30-1:30	Lunch
4:00	Draft Proposal Due – Hand to Amber

SATURDAY (07/28/07) – Individual Projects

Whole day for work on individual projects
Instructors available until 5:00PM
****Looking for VOLUNTEERS to help set-up M3's experiment****

Materials Instructors: Buoy Set-up

SUNDAY (07/29/07) - DAY OFF ☺

DAY OFF
Instructors not available

WEEK 2 SCHEDULE

Readings for Week 2:

Modules (M): 3,4,5
<http://see-u.org/dr/index.html>

Caribbean Reef Ecology (CRE):
Chapters 4,5,6,7

Capture-Mark-Recapture (CMR):
<http://www.countrysideinfo.co.uk/linkoln.htm>

MONDAY (07/30/07) – M3: Individual Processes

7:30-8:30	Breakfast
9:00-9:30	Quiz 4 (M9, CRE 4)
9:30-12:00	M3 Field: Shaving Brush Data Collection
12:30-1:30	Lunch
1:30-2:30	M3 Class: Data Analysis
2:30-3:30	M3 Class: Presentation Preparation
3:30-5:00	M3 Class: Presentation
5:00-6:00	Reading Time
6:30	Dinner

Materials: Students: snorkeling gear; Instructors: Handout (M3 Field sheet), Point Quarter Cross, Plastic Bags, Transparent Plastic Rulers, Scale, Projector

TUESDAY (07/31/07) – M4: Populations

7:30-8:30	Breakfast
9:00-9:30	Quiz 5 (M3, CRE 5, CMR)
9:30-10:30	M4 Field: Mark-Recapture Simulation
10:30-12:00	M4 Field: Snail Set-up
12:30-1:30	Lunch
1:30-3:30	M4 Field: Punta Cana Reef
4:00-5:00	M4 Class: Fish Species Inventory
5:00-6:00	Reading Time
6:30	Dinner

Materials: Students: hiking gear (AM), snorkeling gear (PM); Instructors: Beans, Nail polish, quadrats, meter tape, flagging, underwater notebooks/pencils

WEDNESDAY (08/01/07) – M5: Communities

7:30-8:30	Breakfast
9:00-9:30	Quiz 6 (M4, CRE 6)
9:30-12:00	M5/M6 Field: Insect Data Collection + Producers Set-up
12:30-1:30	Lunch
1:30-2:30	M5 Class: Data Analysis
2:30-3:30	M5 Class: Presentation Preparation
3:30-5:00	M5 Class: Presentation
5:00-6:00	Reading Time
6:30	Dinner

Materials: Students: Hiking Gear; Instructors: Handouts (Random Numbers Table), Vials, Plastic Bags, Aspirators, Beatings sheets, Bowl traps, Sifters

THURSDAY (08/02/07) – M7: Consumers

7:30-8:30	Breakfast
9:00-9:30	M7 Class: Orientation
9:30-12:00	M7 Field: Lizard Data Collection
12:30-1:30	Lunch
1:30-2:00	Quiz 7 (M5, CRE7)
2:00-3:30	M5 Class: Data Analysis
3:30-4:30	M5 Class: Presentation Preparation
4:30-5:00	M5 Class: Presentation
5:00-6:00	Reading Time
6:30	Dinner

Materials Students: Hiking Gear, binoculars; Instructors: Handouts (Data Sheet)

FRIDAY (08/03/07) – Individual Projects

Whole day for work on individual projects
Instructors available until 12:30 PM

3:00 Shopping Trip to Bavaro

SATURDAY (08/04/07) – Individual Projects

!! FINAL PROPOSAL DUE!!

Whole day for work on individual projects

Instructors available until 5 PM

4:00 Proposal Due – Hand to Hannah

4:00 Miches Field Trip Orientation

SUNDAY (08/05/07) - DAY OFF ☺

DAY OFF

Instructors not available

WEEK 3 SCHEDULE

Readings for Week 3:

Modules (M): 10,11,14,16
(<http://see-u.org/dr/index.html>)

Mangrove (MAN): Ch. ?

Collapse Ch. 11

MONDAY (08/06/07) M16: Conservation Biology

!! MICHES !!

6:00-6:40 Breakfast
6:40 Load Bus
7:00 Leave to Miches
12:00 Arrive at Miches
12:30-1:30 Lunch
1:30-2:00 Quiz 8 (M16)
2:00-4:00 M16 Field: Bioblitz Data Collection
4:00-5:00 M16 Field: Bioblitz Discussion
6:00 Dinner

Materials Students: beach and field clothes; Instructors: all collecting gear and field guides, results from previous years

TUESDAY (08/07/07) M12: Miches Reef

!! MICHES !!

7:30-8:30 Breakfast
9:00 Leave to Punta del Rey
10:00-12:00 M12 Field con't: Reef Data Collection
12:30 Leave to Miches
1:30-2:30 Lunch
3:00-5:30 M12 Class: Data Analysis & Discussion
6:00 Dinner

Materials Students: Snorkeling gear; Instructors: Underwater notebooks/pencils, Quadrats

WEDNESDAY (08/08/07) M10, 14: Hydrological & Chemical Cycles/Invasive Species

!! MICHES !!

7:30-8:30 Breakfast
9:00-9:30 Quiz 9 (M10,14)
9:30 Leave to Laguna Limon
10:30-12:00 M10,11,14 Field: Laguna Limon Data Collection
12:30-1:30 Lunch (@ Rancho La Cueva)
2:00-5:00 M10,11,14 Field: Mountain Forest Data Collection
5:00 Leave to Miches
6:00 Dinner

Materials Students: boat and hiking gear; Instructors: plastic bags, secchi disk, test kits, binoculars, field guides, vials (for water invertebrates)

THURSDAY (08/09/07) M10, 11: Hydrological & Chemical Cycles/Soils & Geology

!! MICHES !!

7:30-8:30 Breakfast
9:00-9:30 Quiz 10 (M11, MAN Ch.?)
9:30 Leave to Punta del Rey
10:30-12:00 M10/11 Field: Mangrove Data Collection
12:00-12:30 Return to Miches
12:30-1:30 Lunch
1:30-2:30 M10/11 Class: Discussion
2:30-4:00 ConBio Discussion II: Environmental Determinism
3:00-6:00 Free Time
6:00 Dinner
8:00 Guess Speaker: Mandy Karnauscas

Materials: Handouts (Soil PDF), Hiking/Rain gear, plastic buckets, sand, soil samples, shovels, soil shifter, ziplock bags, soil guide, scope

FRIDAY (08/10/07) – Free Time and Return
!! MICES/PUNTA CANA !!

Half day for work on individual projects
Instructors available until 5:00PM

6:00-6:40	Breakfast
6:40	Load Bus
7:00	Leave to Punta Cana
12:00	Arrive at Punta Cana
12:30-1:30	Lunch
1:30-5:00	Individual Project

SATURDAY (08/11/07) – Individual Projects

Whole day for work on individual projects
Instructors available until 12:30PM

SUNDAY (08/05/07) - DAY OFF ☺

DAY OFF
Instructors not available

WEEK 4 SCHEDULE

Readings for Week 4:

Modules (M): 6,8,13
(<http://see-u.org/dr/index.html>)

Lizard Paper

MONDAY (08/13/07) – M 4: Populations

7:30-8:30	Breakfast
9:00-9:30	Quiz 7 (M4, CRE 6)
9:30-12:00	M4 Field: Snails Data Collection
12:30-1:30	Lunch
1:30-2:30	M3 Class: Data Analysis
2:30-3:30	M3 Class: Presentation Preparation
3:30-5:00	M3 Class: Presentation
5:00-6:00	Reading Time
6:30	Dinner

Materials Students: Hiking gear; Instructors: 50 m tape

TUESDAY (08/14/07) – M 6: Producers

7:30-8:30	Breakfast
9:00-9:30	Quiz 12 (M6)
9:30-12:00	M6 Field: Litter Data Collection
12:30-1:30	Lunch
1:30-2:30	M5 Class: Data Analysis
2:30-3:30	M5 Class: Presentation Preparation
3:30-5:00	M5 Class: Presentation
5:00-6:00	Reading Time
6:30	Dinner

Materials Students: Hiking gear; Instructors: 50 m tape, **set-up beforehand**

WEDNESDAY (08/15/07) – FIELD PRACTICAL (Day 1)

7:30-8:30	Breakfast
8:30-11:30	Field Practical groups meet, discuss ideas, and explore local field sites
11:30-12:30	Groups meet with instructors
12:30-1:30	Lunch
1:30-4:30	Groups go into the field to collect data
4:30-6:00	Data Entry
6:30	Dinner

THURSDAY (08/16/07) – FIELD PRACTICAL DAY 1

7:30-8:30	Breakfast
8:30-12:30	Groups Analyze Data and Prepare PowerPoint Presentation
12:30-1:30	Lunch
1:30-4:30	Field Practical: Presentations

FRIDAY (08/17/07) – Individual Project

!!DRAFT PPT DUE!!

Whole day for work on individual projects
Instructors available until 5:00PM

5:00 Draft PPT Presentation Due – Hand to Amber

SATURDAY (08/18/07) – Individual Projects

Whole day for work on individual projects
Instructors available until 12:30PM

SUNDAY (08/19/07) - DAY OFF ☺

DAY OFF
Instructors not available

WEEK 5 SCHEDULE

Readings for Week 5:

Modules (M): 7,15
(<http://see-u.org/dr/index.html>)

MONDAY (08/20/07) – M7: Decomposers

7:30-8:30	Breakfast
9:00-9:30	Quiz 13 (M7)
9:30-12:00	M6 Field: Litter Data Collection
12:30-1:30	Lunch
1:30-2:30	M5 Class: Data Analysis
2:30-3:30	M5 Class: Presentation Preparation
3:30-5:00	M5 Class: Presentation
5:00-6:00	Reading Time
6:30	Dinner

TUESDAY (08/21/07) – M 15: Pollution/Global Warming/Ozone

Half day for work on individual projects
Instructors available until 5PM

7:30-8:30	Breakfast
9:00-10:00	ConBio Discussion III: Background Research on “Ecological Impacts of Global Climate Change”
10:00-12:00	ConBio Discussion III
12:30-1:30	Lunch
1:30	GROUP PHOTO!!! ☺
2:00-5:00	Individual Project
2:35-5:00	Individual Projects (Instructors available)
5:00-6:00	Reading Time
6:30	Dinner

WEDNESDAY (08/22/07) – Individual Projects

!! FINAL PPT. DUE !!

Whole day for work on individual projects
Instructors available until 5PM

Projector available in classroom for practicing presentations

5:00 Final PPT Presentation Due – Hand to Hannah

THURSDAY (08/23/07) – Individual Projects Presentation

7:30-8:30	Breakfast
9:00-10:00	Individual Project Presentations – 10 minutes (+5 min. questions) each
10:00-10:15	Break
10:15-11:00	Presentations (con't)
11:00-11:15	Break
11:15-12:15	Presentations (con't)
12:30-1:30	Lunch @ Lab
2:00-3:00	Presentations (con't)
3:00-on	Free Time & Dinner

FRIDAY (08/24/07) – Graduation Day

7:30-8:30	Breakfast
9:00-12:30	Course Evaluations.
12:30-1:30	Lunch
1:00-6:00	Free Time
6:30	Dinner
8:00- ?	Graduation Celebration ☺

SATURDAY (08/25/07) – Departure

Departures
