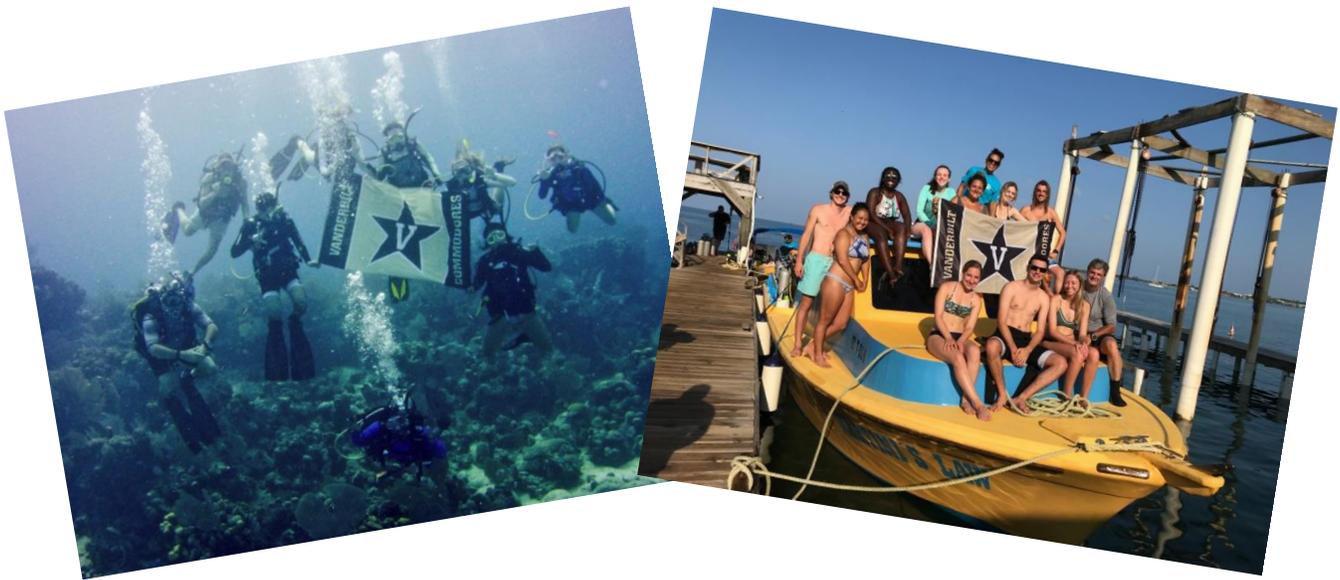


Anth 2114 / EES 2114
Above and Below the Surface: The Caribbean between Climate Change and Tourism.

Maymester 2023
Dr. Norbert Ross

Above: Anchor Down and Last Trip on the Boat



(Vandy Maymester to Utila 2018)

Check out this Youtube link for a past experience:
<https://youtu.be/SX83kSmgZ5k>

Instructor:

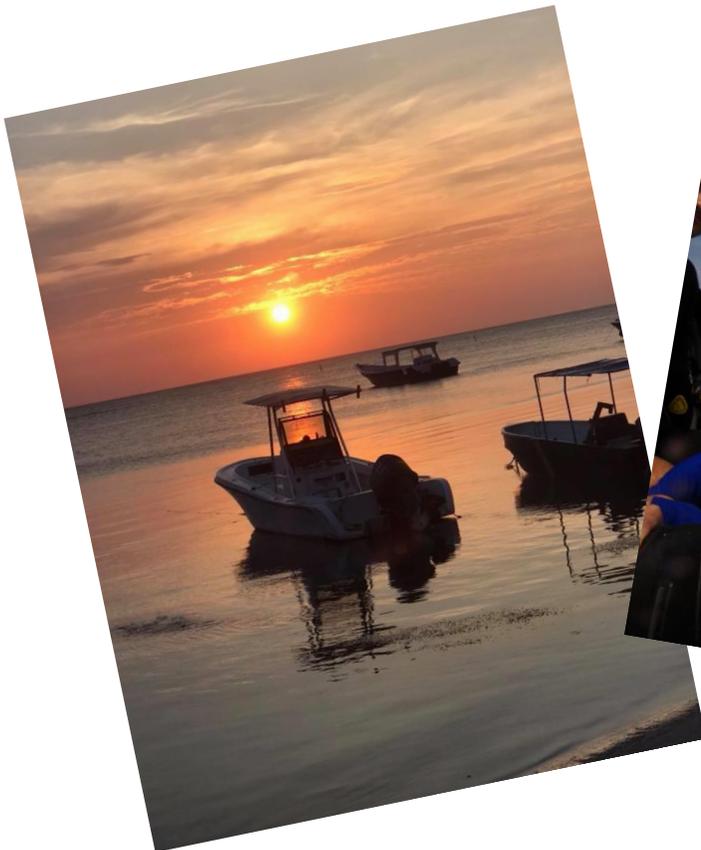
Dr. Norbert Ross
norbert.o.ross@vanderbilt.edu

Phone in USA & Honduras:

(615) 545 1456
+503 7008 2901

Graduate Assistant: TBA

Below: Caribbean Sunset & Getting ready to swim with the dolphins (Maymester 2018)



IMPORTANT INFO ABOUT FLIGHTS:

All students have to arrive on time **TBA** in Roatán. It is mandatory that you send your flight information to the TA as soon as the arrangements are made. Students will be responsible to get to their departing airport in time.

The instructor will meet students at the Roatán airport. The graduate assistant will travel with the students from IAH to Roatan (United does not fly every day to Roatan!).

US citizens: Make sure your passport is valid for 6 months beyond the arrival in Roatán and has two empty pages for stamps.

Non-US citizens: Make sure whether you require a visa and if so, make sure you have your visa at the time of travel.

The graduate assistant will help you through immigration / customs if any problem should occur at the border. At the Roatan airport there are English speaking volunteers.

It is important that you move quickly through immigration offices and customs as we have to proceed immediately to the harbor to catch the ferry to Utila (see schedule).

HOUSING:

From the 05/08/2023 to the 05/14/2023 we will be housed at:

**KANAHAU RESEARCH AND CONSERVATION FACILITY
UTILA, PUMPKIN HILL RD.
HONDURAS
PHONE: (504) 9694 2190
(504) 9874 3344**

All food will be served at the facility. We will be working with an environmental organization and all food will be vegetarian!

Internet in Utila is very slow and often not working.

From the 05/14/2023 through the 05/27/2023 we will be housed at:

CORAL VIEW RESORT
MAINT ST. UTILA, BAY ISLANDS, HONDURAS
PHONE: +1 (347) 788 8452 (also whatsapp)
Email: hotel@coralviewutila.com

Breakfast, Lunch, and Dinner are served at the hotel.

We will leave the island on the 27th and spend the night at:

SEAGRAPE PLANTATION RESORT
CARRETERA PAVIMENTADA PRINCIPAL, WEST END, ROATAN
IB3108, HONDURAS
PHONE: (504) 2445 4428

PLEASE MAKE SURE YOU SHARE THIS INFORMATION WITH PARENTS OR OTHER PEOPLE THAT MIGHT NEED / WANT TO GET IN TOUCH WITH YOU!

PHONES: Please check with your phone company about international plans and costs (be aware that using your US phone can be very costly abroad!!!). You can purchase a sim card for Honduras in Utila. You are **NOT** required to have a phone.

NOTE: FOR INTERNATIONAL CALLS FROM THE U.S. YOU NEED TO DIAL 011 PRIOR TO THE 504 COUNTRY CODE FOR HONDURAS.

MONEY: Honduras uses both US dollar and Lempira. There are ATM's in Utila and a supermarket where you can get cash back (8% fee at supermarket). ATM's don't work all the time! Bring some US cash with you (in **BILLS no larger than 20!**).

Traveler checks or prepaid cards do NOT work in Utila.

While walking around, avoid carrying too much cash.

YOU WILL NOT HAVE ENOUGH TIME AT THE ROATÁN AIRPORT TO GET MONEY FROM THE ATM.

LAUNDRY: There is a laundry service in Utila.

SCUBA DIVE ACTIVITIES: Our dives are organized by Coral Reef Resort; Dive instruction and certification will be done by the course instructor and certification will be processed through the Nashville based dive shop Scuba Shack. The instructor has several years of experience as a dive instructor – including two previous Maymesters to Utila.



Above: Resting at Water Cay
(Maymester 2018)

IMPORTANT PHONE NUMBERS IN UTILA
(Please take a picture of this page with you)

Instructor: (615) 545 1456 (This is a US number).
+503 7008 2901

Ana Daniela Sansur, Kanahau (504) 9905 2540
Calling from within Utila, do not dial the 504

Emergency call:

POLICE: 199
AMBULANCE: 195
FIRE: 198

Non-Emergency Police:

2425 3145
2425 3146

U.S. Embassy in Tegucigalpa (mainland Honduras)
Ave. La Paz
Tegucigalpa M.D.C.
Honduras

Phone: (504) 2236 9320

PAPERWORK:

Bring your:

Passport

Copy of Passport

Your Medical Insurance Information

DAN dive insurance information #

ATM / credit card**

List of emergency contacts (previous page)**

List of your emergency contacts in the USA

List of medical information, allergies, medications you are taking

SEND AN ELECTRONIC COPY OF ALL THESE MATERIALS (NOT THE ITEMS MARKED WITH **) TO THE GRADUATE ASSISTANT.



On the boat (Maymester 2018)

SCUBA EQUIPMENT:

For the scuba part of the course, you will have to provide a **MASK, SNORKEL, BOOTIES** and **FINS**. If you don't have them already, you can purchase them at any dive shop. Scuba shack – the dive shop that will handle your certification, offers a 10% discount on any purchases. You can buy items online as well. I strongly advise against buying a scuba mask online as the mask needs to fit your face!

All other gear that you will need can be rented in Utila (equipment rental is in addition to the course expenses).

Bring your **MASK, SNORKEL, BOOTIES, and FINS** to Utila.

If you have your own scuba gear, make sure that it has been checked and serviced by a PADI certified scuba store. You can have your gear certified at scubashack or any other PADI store.

STUDENTS BRINGING THEIR OWN GEAR WILL HAVE TO SHOW PROOF OF SERVICE FOR ALL GEAR YOU INTEND TO BRING ALONG. PROOF OF SERVICE CAN NOT BE OLDER THAN 1 YEAR!

If you do not have your own gear you will have to rent gear from the **UTILA DIVE CENTER**.

The water will be warm, so usually a swimsuit works for scuba. However, I strongly recommend a long-sleeved rash guard. This will protect you from scratches (gear or rocks), stings, as well as sunburn while on the boat. As we might do at times up to 4 dives a day, some people might prefer using a short wet-suit, as it might get cool after a while in the water, but this is up to you.

In addition to the scuba gear, you will need a **wide brim hat, sun screen (see below)**, and **sun glasses**, as well as a **water bottle** for the boat trips to the scuba sites. **Dry bags** are great to store phones etc. on the boat.

OTHER EQUIPMENT:

MEDICATION/PROTECTION/TOILETRIES

Please bring all your personal medications you need. If you are prone to allergies, bring your preferred allergy medication, aspirin (or other pain killers you might use), etc. If you have allergies, you might consider bringing an epi-pen (consult with your doctor).

A basic first aid kit will be available; the instructor is a trained as first aid provider.

We will spend times on boats including two 1-hour ferry trips from Roatán to Utila and back, so if you feel the need, bring motion sickness pills.

For each room coordinate to bring some essential first aid kit:
Band aids, adhesive tape, bandaging, cream for skin irritations (bugs), disinfectant, and possibly medication for diarrhea and fever.

- Sun screen **CORAL SAFE, WATERPROOF, HIGH PF**
- Sun glasses
- Hat (wide brim)
- Insect repellent (**NON-DEET!!!**). Lemon eucalyptus-based repellents seem to be effective.
- Baby oil (helps with sandflies, when sitting outside at night)
- Water bottle (reusable). We will have drinking water to fill our own water bottles.

Bring whatever you need in terms of toiletry, including shampoo, soap, conditioner, toothpaste etc. These things will NOT be provided.

REMEMBER: We are in a very sensitive environment so please make sure that everything you bring (shampoo, soap etc.) is biodegradable and eco-friendly. Consider bringing soap and shampoo in bars (rather than liquid in bottle), as it saves the planet from more plastic bottles. (You will experience the impact during our beach clean-up)

Make sure your sunscreen is approved for coral reefs. Make sure your sunscreen does not contain **oxybenzone** or **octinoxate**. These two chemicals are harmful to corals and can cause sunscreen-induced coral bleaching.

Sunscreens made with **zinc oxide** and **titanium dioxide** are *mineral-based*, so rather than being absorbed like traditional sunscreen, the particles of these ingredients sit on top of the skin and block harmful UV rays. These ingredients are less harmful to corals and are not linked to coral bleaching.

In order for mineral sun blocks to leave corals untouched, they must be “**NON-NANO**,” meaning the ingredient particles are larger than 100 nanometers and cannot be ingested by corals. **REMEMBER, CORALS ARE ANIMALS!**

Typically, companies will label their products as “reef-safe” but always check the ingredients to be sure.

BRING YOUR OWN TOWEL!

BRING YOU OWN PILLOW!

CLOTHING: Bring fast drying cloth for warm temperatures (check the weather reports for your planning). Pack both **short sleeve and long sleeve shirts**. Long sleeves are really helpful with bugs and protect from sun exposure!

Bring **long (but light and fast drying) hiking pants** (the long pants are important for insects) for warm weather. For the hotel and the beach **shorts, skirts etc.** are great.

No formal clothing is needed!

Bring a **light rain jacket** for the occasional rain.

FOOTWEAR: We will do some hiking and kayaking. Running shoes are fine (don't bring expensive ones as they might get very muddy and wet). Hiking boots are good, but not needed if your running shoes are good for short hikes. Flip flops or sandals are great for the hotel, the beach, and all around.

HEAD NET: To protect from bugs during insect courses (or when appropriate).

ELECTRONICS: Honduras uses the **2 USA flat pin plugs (not the three pin!)** If you have electronics with a **three-pin plug, bring the respective adaptor**. We will have WIFI access for part of the time, but you need to bring your own device (**Tablet, Laptop, Phone**). You can purchase a sim-card for your phone in Utila if you want to. Make sure you bring chargers / batteries for your devices.

NOTE: Utila does not have the option of recycling batteries so the batteries you bring or buy you need to take back with you! Think rechargeable batteries!

For our night excursions to watch bats and turtles, but also for our stay please bring **a headlamp. The lamp should have a red-light function, which is less disturbing to the animals.**

ENERGY IS SCARCE IN UTILA SO AT TIMES WE MIGHT NOT BE ABLE TO CHARGE PHONES OR COMPUTERS. HAVING A LAMP IS ESSENTIAL!

MISCELLANEOUS: Bring a daypack to carry snacks, water, camera, rain jacket etc. Prepare to carry about 2 liters / 2 quarts of water either with bottles or a camel bag.

As we might not always have access to the internet you will have to bring your readings and materials either as hard copies or stored on your electronic device (not the cloud!).

A NOTE ON PACKING:

More is not always better! Make an effort to be conscious about the environment when you buy stuff to bring along! We will see a lot of garbage along the shore and in the water, it's one thing to be sad or angry about this, and another to avoid contributing to it ourselves.

- Reusable water bottle for refills
- Rechargeable batteries
- If you bring batteries take them back for recycling at home (Roatán does not recycle batteries either)!
- Bring ecofriendly and biodegradable products (shampoo etc.) and ideally buy with less packaging materials (bar soaps and shampoo).
- Do not bring plastic bags or containers that end up becoming garbage unless absolutely necessary. Reusable ziplock bags are great!

Please think of things people can share and plan ahead with your fellow students!



Beach Clean Up (Maymester 2018)

COURSE DESCRIPTION:

Scuba diving opens up a completely new world for humans. What lies beneath the surface provides us with hard-to-forget impressions, that often provide inspiration for tales and stories woven around the mystery of the sea.

Yet, the oceans provide more than just impressions and tales to tell. They not only nourish our imagination, but provide the basis for all life. They do so directly through food cycles, and the provision of oxygen, as well as by controlling the earth's climate.

Human use of the oceans includes the harvesting / breeding of sea-life, use of seaways for transportation around the planet, but also tourism and offshore drilling. Cruise ships and resort hotels bring tourists in contact with local populations as well as the (under)-water world, places and people to be imagined, visited, and transformed.



Sunset on Pumpkin Hill (Maymester 2018)

The Caribbean provides one of the prime targets for tourism as much as for our imagination of a romantic past (think *Pirates of the Caribbean*). With its blue warm waters and the famous Mesoamerican coral reef, we often fail to recognize Caribbean islands as fragile ecosystems that have been shaped and transformed through intricate interactions of human political forces within a wider ecological setting.

This course intends to raise understanding and awareness of ecologies as wide, interrelated webs of interactions – reaching beyond the water's surface. Students

will be immersed in both, the history, culture, and the development of the contemporary Caribbean, as well as its famous underwater world.

Above the surface, we will explore the history of Utila (Honduras), targeting the developments of both socio-economic and ecological conditions. We will explore insects, reptiles, bats, mangroves, and turtles, as well as waste treatment, energy production, shoreline constructions, run offs into the ocean, in addition to more global phenomena such as global warming and tourism.

Kayaking through the mangroves
(Maymester 2018)



Below the surface, students will acquire scuba skills and (PADI) certificates, steadily improving their competence as safe divers. They will explore the underwater world, learn to identify Caribbean corals, investigate their health, learn and actively support coral reef restoration practices, while also reflecting on the historical developments and their direct and indirect effects on subaquatic life.

Our observations will be complemented through meetings with local stakeholders, as well as through hands on activities (hiking to pumpkin hill, kayaking through the mangroves, beach clean-ups, recording and reporting coral health, building and planting a coral “tree” etc.). Through readings, presentations, observations, and discussions students will develop a thorough understanding of the complex interactions of humans with their environment, including the interaction of local and global forces (such as tourism and global warming).

SCUBA DIVING:

While scuba diving constitutes an essential aspect of this course, it is NOT a prerequisite. To assure safety of all students, the course combines extensive scuba training (and certification) with underwater excursions, field trips, and classroom learning. The course instructor is a certified PADI (Professional Association of Dive Instructors) dive instructor and has been teaching scuba diving for several years. On all dive-excursions additional dive masters will be present!



Snorkeling with Elkhorn Corals
(Maymester 2018)

STUDENTS MUST KNOW HOW TO SWIM!

At the beginning of the scuba training. You will have to pass a simple swim test (200m swimming (not timed) and 10 minutes of treading water). You must pass to continue your certification.

ORGANIZATION OF THE CLASS:

The entire course will take place on the Island of Utila, Honduras. During the first part of the class, we will engage the Utila that is visible above the surface. We explore the complex interaction of history and ecology, including colonialism, tourism, and global warming. The second part of the class starts with basic scuba training, where students will acquire safe scuba diving skills culminating in a PADI certification of open water diver as well as advanced diver. We will achieve this through a combination of classroom teaching, pool, and open water practices.

At the end of this part of the class all students will be PADI certified as open water diver. During this time, we will also prepare our further explorations in Utila with readings, student presentations, as well as class discussions. Students will present short power point presentations on previously established topics. Each student is responsible to find the adequate readings and prepare the presentation.

Finally, we will explore and interact the Mesoamerican reef from below the water, learning to identify fish and corals, their health status and how these are related to the human behaviors (and their histories) observed and discussed during the first part of the class.

Overall, the class will provide students with an understanding of the complex interactions of history and ecology above and below the surface.

Location:

Utila (Isla de Utila) is the smallest of the three main Bay Islands of Honduras (after Roatán and Guanaja), marking the southern end of the Mesoamerican Barrier Reef System, the largest reef system in the northern hemisphere.

“Discovered” by Columbus on his fourth voyage, the Bay islands have been largely ignored by the colonial powers (after the enslavement of the original population), becoming a safe haven for pirates, including the Welsh buccaneer, Henry Morgan. Not surprisingly, Utila is rich in pirate lore, and still today scuba divers hope to find Captain Morgan's lost booty.

Most of the roughly 4500 islanders are fluent in English with Spanish being the official language. There are over 80 dive sites in and around Utila and in 2016 the Huffington post had Utila as among the 15 best dive spots in the world.

Utila also houses KANAHAU a conservation research facility, working and studying to protect both the above and under water flora and fauna of the island. Kanahau will serve as our base station, leading us in our explorations of the island's flora and fauna. Through guided tours and presentations, we will explore bat ecology, insect taxonomy, Utila's reptiles, but also look for turtles and kayak through the mangroves. We will explore existing environmental programs but will also engage in beach cleanups to understand first hand some of the problems.

As we dive in Utila, we will continue to hone our safe diving skills, extending our understanding of both scuba diving and underwater ecology. Through classroom learning and guided dive tours students (meeting the requirements) will gain PADI specialty certificates in (1) CORAL WATCH; (2) CARIBBEAN CORAL ID; (3) CORAL NURSERY. Through additional dives and training, students (meeting the requirements) will be certified as PADI ADVANCED OPEN WATER DIVERS. In post dive debriefs we will discuss our experiences and relate them to other aspects we learned about in the course.

During the course, students will document their experiences in **(1) a personal diary, where they reflect on both, their readings and their experiences, (2) a dive log, where students document the different dives, and (3) a group visual project telling the story of Utila *above and beneath the surface*. These tasks will be complemented by (4) literature research and presentations on specific topics related to our in-situ explorations.** Students will conduct literature research on specific topics during our stay in Nashville culminating in individual presentations during our stay in Utila (see Syllabus).

PRE-REQUISITES:

While Spanish is the official language in Honduras, most everyone speaks some English. Diving skills or certificates are not required for this course. However, participating students must pass a basic swimming test prior to the scuba certification. Students need to answer a basic health test and / or present a basic health certificate from their doctor that allows for scuba diving and travel (forms provided).

COURSE OBJECTIVES:

At the end of the Maymester, students will have improved in the following learning outcomes:

- (1) Mastering open water and advanced open water dive skills.
- (2) Mastering solid understanding of the principles of scientific diving.
- (3) Identifying the most important corals of the Caribbean in situ.
- (4) Identifying important health indicators of corals
- (5) Mastering solid understanding of reef restoration practices.
- (6) Understanding the history and contemporary setting of Utila, and people's interaction with their marine environment across time.
- (7) Understanding of underwater ecology and how it relates to terrestrial ecology, history and economies.
- (8) Understanding local realities and global dimensions of climate change and global warming.
- (9) Understanding ontological underpinnings of ecological / environmental concepts.
- (10) Experiencing the local culture, including folk, and gastronomic traditions of the Caribbean, and how they are represented by and for tourists.
- (11) Increase international experience, good global citizenship, and ethics.
- (12) Experiencing the world in novel ways by exploring it from *below the surface* (figuratively and literally), creating new awareness of ecology, and what it means to be human.

EVALUATION:

Students' final grades are based on the following:

- | | |
|---------------------------|-------|
| - Written Diary | (10%) |
| - Class Participation | (40%) |
| - Presentation | (10%) |
| - Scuba skills / practice | (40%) |

ATTENDANCE POLICY:

Students will transfer 8th of May to the Utila, where we will stay until our return on the 27th when we travel back to Roatan where we will spend the night. The course officially ends on the 28th of May in Roatan.

During our stay in Utila, students are expected at all time to stay within the group and follow instructions during the whole trip. **Students are NOT allowed to change the schedule, wander off by themselves (or in groups), or go diving on their own (or in groups) unless specifically permitted by the instructor.** After class, small group outings have to be approved by the instructor. Individual outings are not permitted. Any personal change to the schedule may adversely affect the class participation component of their final grade. In more severe cases students will not only receive an automatic lower grade, but will be required to send an email to the professor, the dean, as well as their parents explaining their behavior and the consequences.

In accordance with the local laws, students above the age of 18 are allowed to consume alcohol. However, the instructor can and will take action with respect to the abuse of alcohol at his own discretion, especially where students put themselves or others at risk, or where such behavior interferes with the participation in the course.

There is a strict NO ALCOHOL policy on the nights before dive outings. Any drinking incident will automatically lead to the students losing their right to drink during the remainder of the course.

Any personal behavior that affects the safety of the student or the group will lead to an immediate dismissal of the student and an automatic failing of the class.

Students will carry insurance for international travel as well as a special dive insurance (DAN; Divers Alert Network). For the time of the scuba certification, a signed waiver and/or a health certificate are required. These documents are standard protocol for PADI (Professional Association of Diving Instructors), the largest (and safest) scuba certification program in the world. During the certification program students will be covered by the DAN dive insurance.

Students will be asked to bring readings along. They may do so in electronic form (saved on the device not stored in the cloud as WIFI access is unreliable) or hardcopies. In between trips, students will be required to consult readings in order to elaborate on a topic or work on their presentations.

Students are required to do all the assigned readings and prepare other required materials for the daily group sessions. Participation is more than attendance and students are required to be involved by actively participating in the discussions/reflections, asking relevant questions, being critical, and analytical with the contents presented, sharing their ideas and opinions.

Students are required to maintain a polite demeanor always and under every circumstance.

SOCIAL MEDIA POLICY:

Be respectful. When taking picture of people make sure you have their permission (this includes members of the group). **DO NOT POST ANY PERSON'S FOTO ONLINE UNLESS YOU HAVE THAT PERSON'S PERMISSION!**

DOCUMENTING AND SHARING OF FOTOS AND MOVIES:

The graduate assistant will be collecting ideas from your diaries and dive logs, as well as movie clips and pictures to compile several short movies of the trip. We will set up a google drive to share pictures and movies. Please be generous, the more we share the better for everyone!

COURSE CONTENT: SUMMARY OF TOPICS TO BE DISCUSSED:

(Not necessarily in this order)

- Diving and Dive Safety
- Physics of Diving; Scuba Equipment and Tools
- Caribbean: History and Colonial Transformations
- Bay Islands / Utila Colonial Transformation
- Caribbean, Pirates, and Tourism. From Colonialism to Disney
- Underwater World and the Imagination
- Global warming on a global scale
- Coral ecology, health, and conservation
- Realities and politics of global warming, development, and island life

Scuba materials will be covered through readings, lectures, and discussions in class, at the pool, the quarry and on the boats. Other topics will be presented to the class as presentations by individual students in Utila.

Prior to arrival, students will take an online PADI course, covering the theoretical part of the scuba certification.

Students will also pick a topic and prepare a presentation during our stay in Utila.

PRELIMINARY TIMELINE:

05/08 - 05/14 Kanahau

Reptile

- Iguana surveys, monitoring, mangrove hike
- Iguana surveys, Reptile identifications, Savanna hike
- Lunchtime tour of island with food at fisherman's restaurant
- Presentation on iguana conservation and endemic reptiles of Bay Islands
- Forest and Beach Night Walk for Reptiles, Turtles and other wildlife

Mangrove Kayaking Wildlife Excursion

- Kayaking the mangrove canal to Rock Harbor
- Wildlife savanna tour, wetland birds, iguanas and reptiles
- Snorkeling and beach combing Islanders BBQ on Rock Harbor Beach

Bats and Mammal Course

- Presentation of Bats and other mammals of Bay Islands
- Tour of Brandon Hill Cave (Site of Importance for Bats)
- Night Fieldwork - Bat mist netting methodology, capture and identification
- Forest night walk to spotlight mammals such as opossums, rodents and raccoons

Human History and Culture of Bay Islands

- Presentation on the indigenous people and ancient history of Bay Islands
- Tour of our museum's ancient artifact collections (precolumbian and colonial)
- Tour of the Freshwater Caves (UPCO Power station)
- Tour of the Indian Water Holes and Stalactite Cave

Environmental Impacts and Upcycling Course

- Kanahau presentation on environmental impacts towards Bay Islands
- Plastic Beach Clean at Pumpkin Hill Beach (Turtle nesting site)
- Presentation on invasive species and Lionfish Jewelry Project
- Lionfish Jewellery Workshop or Microplastic jewelry workshop

Environmental Education and Outreach Course

- Presentation on Kanahau Community Outreach Initiatives and EE Programs
- Full tour of Utila Town and community
- Visit to Local Schools
- Visit to Bay Islands Conservation Association (Learn of our collaborators)
- Tour of Utila Iguana Research & Breeding Station
- Visit UPCO (Local Powerstation)
- Visit the Utila Dumpsite (Open landfill)
- Visit to the Utila Recycle Center
- Visit to New Jerico (forest development site)
- Tour and lunch at Utila Chocolate Factory
- Visit Gunters Driftwood Gallery
- Visit Jade Seahorse

Water Cay Trip

- Tour of fishing village
- Full day of Snorkeling and leisure time on Water Cay

We move on the 14th in the morning to Coral View Resort for the Underwater Experience

PADI Open Water Training

- 5 Confined training dives in pool
- 3 boat trips for Open Water Dives at various reef sites
- 1 Offshore 'wall' dive from Coral View

PADI Advanced

- 2 boat trips for Advanced Open Water Dives at various reef sites
- 1 Night Dive for Advanced Open Water offshore at Coral View

Fun Dives

- 3 boat trips for Fun Dives at various reef sites (shipwrecks)

Coral and Fish Identification Course

- Presentation on Mesoamerican Coral Reef Systems and Bay Islands
- Coral Identification Theoretical Training
- Fish Identification Theoretical Training
- Coral Watch Theoretical Training
- 3 Dive boat trips to practice coral and fish ID (6 tanks)
- 1 Trip to dive and clean Coral Nursery (2 tanks)

Breakfast, Lunch, and Dinner is served at Kanahau, during the trips, or at the hotel. It is the student's responsibility to be on time. Student presentations will be scheduled once we arrive at Utila. Dinner time will usually be used for class discussions of experiences, impressions, etc.

05/27 BREAKFAST AT THE HOTEL

9:15 transport to ferry

Ferry transport to Roatán

In Roatán we will be picked up at the harbor and transported to our hotel.

SEAGRAPE PLANTATION RESORT.

12:30 pm LUNCH LOCATION TBA

Exploring Roatán West End on foot, Fun on the beach part II

7 pm DINNER TBA

05/28 TRANSPORTATION TO AIRPORT

if you do not have a flight at 12:40 to Nashville via Houston let us know, especially if you have an earlier flight. If possible, we

will all travel together to the airport, where the Maymester officially ends.

*****IT'S THE STUDENT'S RESPONSIBILITY TO WAKE UP IN THE MORNING AND COME TO BREAKFAST, BOATS, ETC. WE CAN NOT WAIT FOR ANYONE. STUDENTS WHO MISS THE DIVE BOAT WILL NOT BE DIVING THAT DAY! (THIS WILL BE REFLECTED IN THE STUDENTS PARTICIPATION GRADE AND POTENTIALLY LEAD TO A STUDENT FAILING A CERTIFICATION!)**

***** ADDITIONAL DIVES ARE PLANNED AND WILL CREATE SOME SLIGHT CHANGES TO SYLLABUS.**

*****BASED ON WEATHER CONDITIONS OR OTHER EVENTUALITIES SOME ASPECTS OF THE SYLLABUS MIGHT CHANGE. IF POSSIBLE, THESE CHANGES WILL BE DISCUSSED WITH THE STUDENTS AHEAD OF TIME.**

PLEASE SIGN AND RETURN THIS PAGE TO THE GRADUATE ASSISTANT!

I RECEIVED A COPY OF THE SYLLABUS FOR THE COURSE “**ABOVE AND BELOW THE SURFACE: THE CARIBBEAN BETWEEN CLIMATE CHANGE AND TOURISM**” MAYMESTER COURSE ANTH 2114 DIRECTED BY DR. NORBERT ROSS.

I READ AND UNDERSTAND MY RESPONSIBILITIES. I WILL SHARE THE RELEVANT INFORMATION WITH MY PARENTS OR OTHER RELEVANT EMERGENCY CONTACTS.

I PLEDGE TO CONDUCT MYSELF DURING THIS COURSE IN ACCORDANCE WITH THE VANDERBILT HONOR SYSTEM.

NAME

SIGNATURE

DATE