GENERAL INFORMATION

The Geophysics field camp program is based at the Texas A&M Galveston campus on Galveston Island and Fredericksburg, Texas. Students first stay in dorms on the campus and Fredericksburg Inn and Suites for the 2nd session. They will participate in daily field data acquisition campaigns using both marine and land-based systems.

COURSES INFORMATION

GEOPHYSICS FIELD CAMP

GEOL 4355: Geophysics Field Camp

The course is designed to provide practical experience for geophysicists or geologists in geophysical field acquisition techniques. Topics and techniques including multi-component reflection seismology, earthquake-related broadband seismic data acquisition, well logging, vertical seismic profiling, gravity and magnetic field measurements, ground penetrating radar, unmanned aerial vehicles (UAVs), and Global Positioning Systems will be covered.

Targeted areas will include marine seismic surveys in Galveston Harbor; multicomponent seismic surveys, VSP, and well logging at the La Marque Geophysical Observatory (inside the UH Coastal Center); GPR and resistivity in coastal sand dunes; GPS, total station, and LiDAR at geotechnical locations; and gravity and magnetics over the Enchanted Rock.

No experience with geophysical equipment is assumed, but students must have a pre-requisite of GEOL 4330 (Introduction to Geophysics) or equivalent.

Prerequisites:

GEOL 4330: Introduction to Geophysics (or equivalent)

ADMISSION

Summer 2019 Application Deadline: February 15, 2019

There are two steps in the admission of UH Geophysics field camp program:

• Step One - Preliminary Admission: Complete the online application found at the UH Department of Earth and Atmospheric Sciences website:

http://www.uh.edu/nsm/earth-atmospheric/undergraduate/ybra-field-camp/

Through the online application, submit a copy (does not have to be an official copy) of your transcript and proof of health insurance by February 15th, 2019. Notification of admission for qualified students will be emailed as reviewed and accepted, but typically no later than March 15th.

• Step Two - University of Houston (UH) Admission and Registration: after being admitted to field camp program:

- Current UH Students: You will be registered for GEOL 4355 (3 credit hours).
- Non-UH Students: must first apply for admission to the University of Houston as a transient student for the summer of 2019 by April 15th by visiting:

https://www.applytexas.org/adappc/gen/c_start.WBX
Notice: Tuition and university fees calculation as presented below are approximations only. Please consult the University of Houston website for more updated information (www.uh.edu/financial/).

Tuition - Tuition and university fees for the field program will depend upon residency status of the student, as well as whether the student is seeking 6 credit hours or 3 credit hours for the summer field program (see chart below). Texas non-resident students who receive scholarship of at least $1000 through the University of Houston may qualify for in-state tuition.

University Fees - include administrative and support fees for the courses. Note: these fee amounts are approximations only and may be subject to change by the university.

Geophysics Field Camp

Room, Board, Equipment Rental, and Vehicle Fees - the Department of Earth and Atmospheric Sciences is collecting an additional fee of $1,500 per student for lodging, food, vehicle, and other equipment expenses during field camp.

Texas Residents

<table>
<thead>
<tr>
<th>Three credit hours option (Geophysics)</th>
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<tbody>
<tr>
<td>Tuition for 3 credit hours</td>
<td>$ 820.23 (appx.)</td>
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<tr>
<td>University fees for 3 credit hours</td>
<td>$ 550.00 (appx.)</td>
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<tr>
<td>Room, board, equipment and vehicle fee</td>
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Texas Non-Residents

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<tbody>
<tr>
<td>Tuition for 3 credit hours</td>
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<td>University fees for 3 credit hours</td>
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<tr>
<td>Room, board, equipment and vehicle fee</td>
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</tr>
<tr>
<td>Total</td>
<td>$3,800.23 (appx.)</td>
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Transportation - Vans will be arranged for students to transport from UH campus at the beginning of field camp and departure from Fredericksburg at the end of field camp. Students are responsible for their own transportation and not allowed to use it during the official camp activities.

Students must arrive camp no later than 3:00PM on the first day of camp and may make arrangement to leave camp after the final presentation on the last day of camp. (~1PM)

Health Insurance - The University of Houston requires all students to carry health insurance while at the field camp. Students must provide proof of health insurance (copy of insurance card) before leaving for field camp. If you do not carry health insurance and want to purchase health insurance through the University of Houston for the summer semester, it offers the following two options:

Option 1: through myUH (PeopleSoft) - health insurance will be placed on your tuition and fee statement

Option 2: through Macori, Inc. (www.macori.com) & UH Health Center

To learn more about these options and how to purchase, visit this website: http://www.uh.edu/oisss/health-insurance/

Scholarship and Financial Aid - is not available directly from the UH Department of Earth and Atmospheric Sciences, except for students who attend University of Houston and who qualify for financial aid from the University of Houston, or who are awarded an UH Alumni Scholarship. Some students from other institutions who would ordinarily qualify for financial aid on the basis of need have been able to transfer part of their financial aid packages from their home institutions; other have been able to acquire scholarship or loans from their home institution. Each applicant is encouraged to contact his or her financial aid officer for more information.

Geophysics Field Camp

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