Introduction to Field Studies
Big Bend, Texas

A 5 day orientation to basic field studies techniques and methods in the Chihuahuan Desert developed by research faculty and specifically designed to prepare students for success in field studies. Gain practical, relevant knowledge, skills and experience while exploring Big Bend Ranch State Park, Big Bend National Park and the Trans-Pecos.

An adventure in science awaits you!

New course development 100% funded by the Department of Education Award #P031C110039 and Adelante Tejas “Forward Texas”: A Partnership to Improve Science, Technology, Engineering and Mathematics (STEM) Education project between San Antonio College and Sul Ross State University. Project Co-Directors Leslie Hopper hopper@sulross.edu and Barbara Knotts bknotts@alamo.edu
http://www.sulross.edu/page/1648/adelante-tejas
There is significant demand for field research in the sciences.
This course may help to:

Ensure health & safety of researchers/researchers-in-training

Improve preparation of scientists

Impact the quality of research/workforce

Introduce career paths and professionals in scientific and resource management fields.

**Desert Survival and Success Skills**

- Hydration
- Proper clothing & footwear
- Protection from the elements
- Dangerous plants & animals
- Beneficial plants & animals
- Basic first aid
- Desert do’s & don’ts
- Essential Communication

- Hiking
- Camping
- Survival, Safety & First Aid
- Basic orienteering (using a compass, landmarks, way-finding).
- Global positioning systems and Geographic Information Systems
- Overview of the Chihuahuan desert (climate, geology, plant, insect, bird, reptile and mammal Identification)
- Keeping a field journal
- Useful apps and field reference materials
- Astronomy

...and much, much, more!!!

**Dates:**
Monday July 27 - Friday July 31, 2015

**Credit:**
2 Semester Credit Hours
(science elective)

**Anticipated cost of tuition and fees:**
$516.50 per person

**Anticipated cost of food and lodging:**
$250.00 per person

Includes meals, transportation, entrance fees, lodging and course materials

**Apply, Register, Pack!**

1) Submit Apply Texas application to Sul Ross State University, Alpine Texas. Select “fee waiver” and include “Adelante Tejas” in application text [https://www.applytexas.org/adappc/gen/c_start.WBX](https://www.applytexas.org/adappc/gen/c_start.WBX)

2) Send in transcripts: [http://www.sulross.edu/page/239/transfer-students](http://www.sulross.edu/page/239/transfer-students)

3) Register for Classes: [http://www.sulross.edu/page/966/banner-registration-instructions](http://www.sulross.edu/page/966/banner-registration-instructions)

**For Additional Information Contact:**

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