

## **GEOL 405.3 – Asturias, Spain**

### **International Field Studies**

### **May 2024 (exact dates TBD)**

**Topic of the class:**

**Depositional Systems in Space and Time: Integrating Sedimentologic and Ichnologic Datasets**

**Application deadline: February 1, 2024**



#### **Overview**

The study-abroad experience will take place in the Asturias coastal region of northern Spain. This region has unique geology where rocks of a wide variety of ages (Precambrian to Cretaceous) and depositional environments (continental to shallow and deep marine) are superbly exposed. This will allow students to integrate sedimentologic, ichnologic and stratigraphic datasets in the characterization of depositional systems and their evolution through time. The Professors involved in this initiative have extensive experience in the region, having published papers on sedimentologic and ichnologic aspects of these strata. In addition, they will count with the local support of Drs. Jose Carlos Garcia Ramos and Laura Piñuela, both affiliated with the “Museo del Jurásico de Asturias” (MUJA), who will be in charge of the logistical aspects and local coordination. The geologic localities that will be visited and examined during this trip are frequently described and discussed in classes in the Geology program, so this would be an excellent opportunity to experience Geology. Students will analyze in detail, discuss, and interpret geologic data in the field.

#### **Course Description**

A field course involving data collection, analysis, and interpretation of geological features and stratigraphic relationships to recognize stratigraphic unconformities, identify sedimentary facies and environmental settings, and to reconstruct the local geologic history. Asturias offers a fascinating archeologic and historic context that will enrich the student’s experience. Several extra-geologic activities (e.g. Tito Bustillo Cave, Oviedo architectural heritage) have been planned to add cultural value to the Asturias experience.

#### **Prerequisites:**

GEOL 245, GEOL 247, GEOL 258, and GEOL 343; and permission of the instructor. GEOL 447 and 448 are highly recommended.

[https://catalogue.usask.ca/?subj\\_code=GEOL&cnum=405](https://catalogue.usask.ca/?subj_code=GEOL&cnum=405)

#### **Note:**

This course can be physically demanding for some students. Students must be able and willing to walk relatively long distances and work in the field several hours. If you have a disability, **please contact AES as early as possible** to discuss your accommodation needs while abroad.

### Faculty Coordinators:

M. Gabriela Mángano – [gabriela.mangano@usask.ca](mailto:gabriela.mangano@usask.ca)

Luis A. Buatois – [luis.buatois@usask.ca](mailto:luis.buatois@usask.ca)

### How to Apply:

Application forms are available online from the Study Abroad Website:

<http://students.usask.ca/academics/goabroad/taught-abroad-programs.php>



### For more information and to submit applications, contact:

LaVina Watts, Program Manager, ARTS 119.5, 306-966-4194. - [AandS.Abroad@usask.ca](mailto:AandS.Abroad@usask.ca)

### Cost to Student:

- **UofS tuition:** approx. **\$758.70** (individual registration and payment)
- **Program fee:** approx. **\$1600**, which includes:
  - includes accommodation; entrance fees to sites, some meals, on-site transportation (does NOT include tuition)
- **Other costs:** flights, some meals, personal expenses (gifts, souvenirs), textbooks or other course materials, personal on-site transportation, possible medical insurance; etc.

### Financial Assistance:

All students accepted to participate in the program will receive the [\\$1000 Global Engagement Scholarship](#) to help offset costs related to studying abroad (must be taking the course for credit to be eligible).

UofS students may be eligible for other travel funding. For further information please visit:

<http://artsandscience.usask.ca/undergraduate/scholarships.php>

<https://students.usask.ca/academics/goabroad/awards.php>

### Arts and Science Study Abroad Awards and Scholarships Students Can Apply for if Eligible.

Name of Award	Value	Selection Criteria
<a href="#">Global Skill Opportunity Award</a> This project is funded by the Government of Canada's Outbound Student Mobility Pilot Program.	\$1,000 - \$6,000	Value: depending on eligibility and locations. Eligibility: Canadian/PR A&S undergraduate students.  This new funding opportunity is intended to increase the number of underrepresented students (indigenous, low income, or with disabilities) to study abroad. Application details to come.
<a href="#">Gail Appel Study Abroad Award</a>	\$1,000	Based on academic achievement and financial need
<a href="#">James Barney Smythe International Travel Scholarship</a>	\$1,000	Based on academic achievement and financial need

### Payment Schedule:

A \$500 non-refundable deposit will be due upon acceptance into the program (late March).

The remainder of the program fee is due in mid-April 2023 (details will be specified in the acceptance letter).

Program fee payments will be made Online through a link provided after acceptance to program.