

General:

A little planning will go a long way to making this a meaningful and pleasurable trip.

WHAT YOUR TRIP FEE WILL COVER (any overages will be reimbursed)

- | | |
|-------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> Ground Transportation starting in Nürnberg, DE | <input type="checkbox"/> Entry fees to parks, monuments, museums, etc. |
| <input type="checkbox"/> Lodging | <input type="checkbox"/> Administrative trip and instructor fees in accordance with University Policy |
| <input type="checkbox"/> Meals | |
| <input type="checkbox"/> Tram, parking, cable car, etc. fees | |


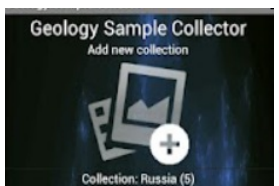
WHAT IS NOT COVERED BY YOUR TRIP FEE

- | | |
|------------------------------------|---------------------------------------------------------------------------------------|
| – Tuition | – Flights (or other transportation to and from our German starting destination - NUE) |
| – Course / MSU Denver related fees | |

TEXTBOOKS & MATERIALS

- ☐ Hard Cover Geology Field Notebook (4 ¾" x 7 ½")
- ☐ Hand-outs and electronic dossiers will be made available to students for all the academic readings.

Handy Cell-Phone Apps (optional)

	<p>RockD https://rockd.org/ Available for Android and iPhone</p>	<p>Uses GPS technology to identify the geologic formation you are standing on and provide details such as age, composition, stratigraphy, position, and elevation and much more.</p>
<p>Explore the world from your window seat with Flyover Country A mobile app for geoscience</p>	<p>FlyoverCountry https://flyovercountry.io/ Available for Android and iPhone</p>	<p>App will pull geologic information along the path of your flight, hike, or road trip with inflight maps and GPS tracking. Can be used offline (after trip download) to show maps with interactive POI and geologic data, such as geologic maps, landscape features, fossils digs, etc.</p>
	<p>Geology Sample Collector abandoned, but still available as APK download for Android https://www.apkfollow.com/download/arb_com.shopzeus.android.majorforms_1000_dcf35_2015-06-01.apk/</p>	<p>Document your field work incorporating images, video, audio recordings, and/or text. Track (with GPS) your path. Tracks sample collection sites and locations. Give it a try, it is free. Once your collecting is completed, you can automatically create a powerpoint or video of the sampling.</p>

TRANSPORTATION

We will be using minivans and/or cars / SUVs depending on enrollment. German vans allow 9 passengers max. including the driver. Seating might be tight and cargo / trunk space is prime . Therefore travel luggage needs to be small and kept at a minimum.

Commitment: All drivers of our international rental vehicles must commit to a **ZERO alcohol & drug** policy at ALL times. If you can't abide by this rule, do NOT volunteer to drive.

Once assigned to a vehicle, please be courteous of the driver's requests. Help clean out the car during gasoline stops and volunteer to wash windows or participate in other helpful vehicle activities. Drivers should also be courteous of passenger's needs, such as bathroom breaks, or other reasonable requests.


PACKING

TRAVEL DOCUMENTS

Don't forget to bring your: ☐ **Valid US Passport** ☐ **Credit / debit card** ☐ **International Driver's License (optional)**

Important Note: Call your credit / debit card issuing bank to instigate travel duration and location for your card. Some cards are locked when trying to use them internationally unless you have such a travel authorization on file!

LUGGAGE ITEMS

- ☐ ONE SMALL carry-on sized suitcase and ONE hand bag (day pack) per person. *NOTE: European air carriers have smaller carry-on sizes + weight limits and allowances than their US counterparts.*
- ☐ International outlet / charging adaptor
- ☐ Cell-phone (and optional additional camera)
- ☐ Personal Hygiene Items / Toiletries
- ☐ Small First Aid Items (Band-aids, etc.)
- ☐ A light weight towel
- ☐ Wet Wipes (!) & Hand Lotion
- ☐ Swim trunks / Bathing suits
- ☐ Modest PJs
- ☐ Day-trip modest covers for visiting cathedrals
- ☐ Umbrella (small) / rain coat
- ☐ Underwear / socks
- ☐ T-shirts, one or two long sleeved items
- ☐ Comfortable pants (at least one pair of long pants)
- ☐ Beanie hat & sweater or hoodie
- ☐ Firm hiking shoes (boots not necessary)
- ☐  Prescription Medication

FOR HIKING / DAY TRIPS

- ☐ Daypack
- ☐ Water Canteen / Bottle
- ☐ Good hiking shoes
- ☐ Jacket or Hoodie
- ☐ Your camera / cell phone
- ☐ Field Notebook & Pen
- ☐ Rain coat or poncho (small to carry in day-pack)
- ☐ Broad-brimmed sun hat. Beanie hat.
- ☐ Sunscreen, sunblock (40+).
- ☐ Sun glasses.
- ☐ Protective cell phone case / pouch!
- ☐ Drinking Water
- ☐ First aid items, especially band-aids.
- ☐ Snacks / Trail Mix
- ☐ Lunch box or bag
- ☐ Spare change for bathrooms

SPECIFIC COURSE MATERIAL YOU SHOULD BRING ON DAY TRIPS

GEOLOGY TOOLS (GENERAL)

- ☐ Heavy Duty Sampling Bags (Ziplock™). You can purchase upon arrival!
- ☐ Small index cards to place with sample into ziplock
- ☐ YOUR FIELD NOTEBOOK (hardcover / waterproof)
- ☐ Day Pack Backpack to carry it all (Well, duh!)
- ☐ Cell phone Camera or optional camera
- ☐ Cell phone off-line map app and GPS
- ☐ Sharpie™
- ☐ Short Ruler
- ☐ Protractor Ruler (6 in)
- ☐ Small Tape measure (~2m length)
- ☐ Acid Bottle, Handlens, Streak Plate, Magnet
- ☐ A few small sample bottles for small specimens
- ☐ Pocket knife (Swiss Army style)
- ☐ Toilet paper or paper towels (to wrap specimens) ...and possibly other important business ☺



Optional, not required, but will come in really handy

- ☐ Pocket microscope
- ☐ Dr. K's Manual of Rapid Mineral Identification
- ☐ Lighter
- ☐ Magnets (Keep those far away from your Brunton™, especially during measurements)
- ☐ Cell phone metal detector app
- ☐ Cell phone Geiger counter app
- ☐ Chisel
- ☐ Cell Phone Calculator
- ☐ UV Light

FOOD

Food is provided through trip fees which consists of breakfast, sack lunches and warm dinners. However, snacks and other foods / drinks are at your expense. We will occasionally stop at supermarkets and possibly fast food outlets for your extra culinary desires.

SOME GENERAL CONSIDERATIONS

Showers and Laundry: Showers are available at Youth Hostels, but they're shared. Laundry will be more challenging—hostels often have limited machines. Plan to hand wash smaller items in a sink and let them dry overnight if needed.

Cell Phones: Ensure your phone is international-capable. Coverage in Europe is good, but signals can be lost. Consider an international plan from your carrier and use a protective case.

Clothing: Prepare for varying weather. Layer your clothing; shorts and T-shirts work well in heat, with jackets or hoodies for cooler weather. Don't forget a raincoat or umbrella for the frequent rain.

Footwear: Bring comfortable, broken-in hiking shoes and quality socks. Hiking boots are not necessary and will add weight to your luggage unless you wear them during the flight. Pack blister tape just in case.

Food & Meals: Breakfasts at hostels are usually nutritious with options like Müsli, cold cuts, and cheeses. Sack lunches are prepped by you from items supplied by the Youth Hostel after breakfast. These are usually sandwiches or rolls with typical cold cuts and cheeses, plus some fruit and a juice drink. For our Hostel stays, warm dinners are provided, typically traditional German cuisines. However, our pre-paid dinner reservations are time sensitive and we will need to make our best efforts to be on time.

Facilities: Public restrooms are less frequently available than in the U.S. (Most stores do NOT have customer bathrooms). Public facilities cost a few cents, so bring your bathroom change. **ALL participants: please announce bathroom needs EARLY!!!!**

Buddy System: You never outgrow this common sense admonition. If you want to go exploring, take someone with you. Always let the instructor know where you are planning to go and when you intend to be back. **Please take this serious!** We have wasted many hours searching for “lost” students where nobody knew where they went.

Water & Drinks: Water as in tap water is usually not served at restaurants free of charge. Instead you can select one of the great varieties of natural mineral waters, both sparkling and still, but you will be charged. These real mineral waters provide a natural and healthy source of essential electrolytes. Alternatively you can find mineral waters mixed fruit juices. These are called "Schorle". In supermarkets these are inexpensive. **Note: With a few exceptions, all plastic bottles have a deposit. Don't throw them away! You will get cash back next time we go shopping.**

Injuries: Report all injuries, even minor ones like blisters or sunburns, to an instructor to prevent complications. If needed, instructors can help you get to a clinic but cannot provide treatment or medication.

Anaphylactic Allergies: If you have severe allergies, inform instructors and bring your medication (like an EpiPen®). Train a buddy to assist you if needed and ensure you have the necessary paperwork for your medication when entering Europe.

Cannabis & Drugs: European laws may differ from U.S. laws regarding cannabis and drugs. Ignorance about drug laws will NOT protect you from serious legal issues which may include incarceration in certain European countries even if you try to claim a medical exemption. The safest option is not to bring any such substances regardless if they are pure or part of an ingredient in more common goods. Be especially mindful of your toiletries to ensure nothing is packed accidentally.