

CH418: Chemistry and the Environment

3 credits: Fall/Winter Semester 2023

- **1 credit:** Experiential learning in Chile
- **2 credits:** Integrated lecture/lab at Butler and around Indianapolis



Travel January 2024 (Summer in Chile)



HIGHLIGHTS OF CH418



Discover Chilean food and beverages



Interact with indigenous Chileans



Study a copper, lithium, and saltpeter mine



Explore microbiology of Atacama Desert



Visit a UNESCO World Heritage Site



Experience Chilean hospitality and food



Hike mountains, deserts, geyser basins, beaches



Connect classroom learning with the real world

CH418 COUNTS TOWARD



Chemistry Minor



Chemistry/Biochemistry Major



Social Justice and Diversity (SJD) Requirement



Environmental Studies Major and Minor

PRE-REQUISITES



Introductory Chemistry (CH106 or CH107)

Cost = \$3,300 + \$250 Butler study abroad fee + airfare

What is included? Lodging, breakfasts, some meals, excursions, entrances, transportation, full-time tour guide, 24 hr-assistance, travel insurance, local experts

What is not included? Passport, some meals

What will you learn in CH418?

- The purpose of CH418 class is to teach chemistry in an applied system (the environment) with an international approach (Chile).
- Learn chemistry content and concepts not covered in mainstream chemistry courses offered at Butler
- Explore the cultural, environmental, and ecological implications of chemistry.
- Provide an experience where students can apply chemistry knowledge in a new cultural context
- Interact with scholars/experts from Chile and around Indianapolis
- Relate environmental chemistry practices in Chile with practices in the US.



Apply at <https://global-education.butler.edu/?go=Chile>
Questions? Email: Dr. Libby Davis (efdavis@butler.edu)
or Dr. Jeremy Johnson (rjjohns1@butler.edu)

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