

2022-2023 SENIOR PORTFOLIO

Due to Advisor during Spring 2023

As one of the degree requirements listed in the university catalog, every graduating senior will create a portfolio that demonstrates proficiencies in the areas noted below.

- Please scan all items into a single pdf file in the order listed.
- Each section of the portfolio should be clearly labeled.
- Include a Title Page (Name, Date, Years of Attendance at SOU, Degree, Capstone Advisor)
- Include a Table of Contents listing the sections noted below.

Contact Information: Include a copy in your Portfolio *and send an electronic copy to Anna*. This information will allow us to contact you after you leave SOU. Whenever you move, get a new job, a new degree, a new spouse, a new child, a Nobel Prize, or whatever, please let us know. We are interested in how your life/career evolves. Remember, you may obtain updates regarding the department, your classmates, as well as job opportunities in the Rogue Valley on the Chemistry Facebook page.

- Full name
- Current Address
- Hometown
- Phone Number
- Email Address
- Name and address of someone who will know where you are, in case we lose you
- SOU Major/Minors
- SOU Graduation Year
- Spouse or partner's name
- Names and ages of children
- Anticipated place of employment or professional/graduate school attendance, or other plans for next year
 - Position Title
 - Name of Company or University
 - Address of Company or University

Core Academics: Make a list of the satisfactorily completed core course requirements, electives and general education requirements which meet all requirements for your chemistry degree. Include a copy of your unofficial transcript.

Oral Presentations: List six oral presentations as an enrolled SOU student. These may include oral reports given in a course at SOU, capstone seminar, SOU seminar, and/or conference seminar. Reference these presentations using ACS format.

i.e. Author 1; Author 2; Author 3; etc. Title of Presentation. Presented at Conference Title, Place, Date; Paper Number (if any)
e.g. Bredberg, B.; Application of QuEChERS for Determination of Pesticides in Honey. SOU Capstone Seminar, Science 236, May 23, 2018.

Instrument Proficiency: List laboratory instruments which you can operate and can interpret the data acquired. As a minimum it should include FT-IR, FT-NMR, GC-MS, HPLC, UV/VIS. Include instrument manufacturer and model number for each instrument as well as the classes in which the instrument was used. Include copies of laboratory reports demonstrating your proficiency of each instrument. If you have copies of graded reports those are best.

Computer Skills: List software packages with which you are familiar, including, but not limited to, word processing, database, spreadsheets, mathematical/programming packages, and molecular drawing and/or modeling programs. Please provide a one sentence description on the utility of each niche software package (i.e. software that is not universally used, such as word processing software and spreadsheets)

Research: Provide a copy of your final capstone report. Provide a one-page summary of your research experience, including the nature of the problem investigated, the major laboratory techniques utilized, and a brief summary of the results obtained.

Cooperative Learning: List experiences in which you have demonstrated practical knowledge of chemistry. Experiences may include industrial, governmental or academic research, tutoring, conducting tours for prospective students, leading discussion groups, formal lecturing, mentoring, and departmental (e.g. Chemistry Club) and/or community service, etc...

Honors and Awards: List scholarships and departmental, university, or community honors and awards received during your college career.

ACS Exams: Upon timely submission of your electronic portfolio, your capstone advisor will send you, as soon as possible, a completed table of all ACS exams taken at SOU, including general, organic, biochemistry, analytical, instrumental, physical, inorganic, and the Diagnostic Undergraduate Chemistry Knowledge (DUCK) exam. Note the form year used, the raw score, the total number of points possible, and the percentile ranking.

Subject	Form Year	Score/Total	Percentile
General			
Organic			
Biochemistry			
Analytical			
Instrumental			
Physical			
Inorganic			
DUCK			