**WOU Earth Science Program Review NAME\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Career Interest Survey**

Instructions: Read and review the WOU Earth and Environmental Science Program Overview and Career Outcomes document located at the following URL:

 <https://people.wou.edu/~taylors/ES106_Lab/WOU_Earth_Science_Outcomes_Employment_Salary_Trends_Spring2021_Draft_April6.pdf>

Answer the questions below (page numbers are located in the lower right of the linked PDF document).

1. What is your current year in college? What is your current major? What is your minor?
2. What is your current career and life goal 6 years from now? What is your dream job and lifestyle after graduating college?
3. What is your general area of academic passion, interest and expertise? Pick one or more of the following, or combinations as needed: Natural Science, Social Science, Computer Science, Mathematics, Creative Arts, Art / Music, K-12 Education, Health and Exercise Science, Humanities-Literature, Psychology, Political Science, Public Policy, Other\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
4. Examine page 1 of the WOU Earth Science overview document, what is the primary mission of the program and list some examples of the types of professions graduates are engaged in.
5. Examine pages 2-3, what is the basic difference between the BA and BS Earth Science degree curricula?
6. Examine p. 4, what additional science and mathematics classes are included in the Pre-Graduate Studies option, compared to the BS / BA degrees?
7. Examine page 5 and use your favorite internet search tool, what is a basic definition of GIS and Geospatial Technology?
8. True or False: GIS studies involve a combination of computer science, databases and geographic map locations in a digital format.
9. Examine p. 6-7. Do you consider yourself interested in the Environment and a supporting of quality of life on planet Earth?
10. If you had to choose three classes from the Environmental Studies Minor at WOU on p. 6-7, which three titles look most interesting to you?
11. Examine pages 8-9, what are the top four specialty workforce areas of Earth and Environmental Science that show the greatest projected percentage for increase in occupational need over the next 10 years.
12. From p. 9, True or False: the total expected need and growth in the Geoscience workforce over the next 10 years is expected to increase by an average of about 5-6% with the greatest need in the Environmental Management sectors.
13. Examine p. 11, what are the top two areas of expertise percentage wise for professional geologists that account for about 50% of employment.
14. Examine p 15-16, between 2013 and 2018, what was the approximate average starting annual salary range for geoscience students graduating and entering the workforce as professionals?
15. What was the approximate average median annual salary for geoscience professionals in 2018?
16. Examine p. 18, and read the caption, what is the approximate number of geoscientists employed in the U.S.? What is the predicted job growth in these professions? Positive or negative going into the future?
17. Examine page 19, True or False: the states of Oregon, Washington and California all have professional geologist licensing programs for practicing professionals.
18. True or False: the WOU Earth Science program qualifies graduates to begin the process of professional licensure in the state of Oregon.
19. Review the labor data presented on p. 24. How many geoscience employees were present in Oregon at the time of this survey? What was the average median annual salary for these workers?
20. True or False: water resource management is an important strategic issue for the state of Oregon.
21. Examine Figure 1 on p. 31. True or False: based on available data for 2015, a college education is associated with a lower unemployment rate compared to those individuals who only possess a high school diploma. True or False: a college education generally results in higher weekly earnings compared to those of individuals who only possess a high school diploma.
22. What is the most useful and interesting career fact that you learned from this survey?