

# RISC post-course survey

## Respondent Information

**Please type your name, email, institution, and course information. This information will be used confidentially to match pre-course data to post-course data.**

Name \_\_\_\_\_

Email address \_\_\_\_\_

Institution \_\_\_\_\_

Course department and number \_\_\_\_\_

Instructor's last name \_\_\_\_\_

### Gender:

- ☐ Male
- ☐ Female
- ☐ Prefer not to answer

### Ethnicity:

- ☐ Alaskan Native
- ☐ American Indian
- ☐ Asian American
- ☐ Black or African American
- ☐ Filipino
- ☐ Foreign National
- ☐ Hawaiian
- ☐ Hispanic/Latino
- ☐ Pacific Islander
- ☐ White
- ☐ Two or more races
- ☐ Other
- ☐ Prefer not to answer

### What is your current status?

- ☐ I am a high school student.
- ☐ I am a first-year college undergraduate.
- ☐ I am a second-year college undergraduate.
- ☐ I am a third-year college undergraduate.
- ☐ I am a fourth-year college undergraduate.
- ☐ I am a graduate or medical student.
- ☐ Other
- ☐ Not applicable / Prefer not to answer

**Did you declare a major or concentration yet?**

- ☐ Yes
- ☐ No

**What major or concentration have you declared?** Please write it here (include double majors, concentrations, etc.)

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**If you have not yet declared a major or concentration, please indicate if you considering a major/concentration in the sciences.**

- ☐ Definitely yes
- ☐ It is likely
- ☐ I'm not sure
- ☐ It is unlikely
- ☐ Definitely no
- ☐ Prefer not to answer

**This question is about your goals beyond your undergraduate degree.** It is difficult to list all the goals people may have. The purpose of this question is to learn how many students plan to go on in science, medicine, or other fields, as well as to learn how many students do not plan to go to post-graduate education in their near future. Please choose one:

- ☐ My goal is to go to graduate school for an advanced degree in a science-related field (including biology, chemistry, physics, mathematics, computer science, and psychology).
- ☐ My goal is to go to graduate school for an advanced degree in a social science (including sociology, anthropology, economics, and political science).
- ☐ My goal is to go to graduate school for an advanced degree in humanities or fine arts.
- ☐ My goal is earn a certification or degree that will qualify me for teaching.
- ☐ My goal is to go to school for a medical degree (M.D.).
- ☐ My goal is to go to a type of graduate education not mentioned above, such as law school.
- ☐ My goal does not include graduate education for at least the near future.
- ☐ Not applicable/Prefer not to answer.

**The next question is about how the experience of this course influenced your plans about post-graduate education.**

After taking this course,

- ☐ I have not considered any post-graduate education.
- ☐ I now plan not to pursue post-graduate education.
- ☐ I now plan to pursue a Master's degree in a science-related field.
- ☐ I now plan to pursue a Doctoral degree in a science-related field.
- ☐ I now plan to pursue a Master's degree in a field other than science.
- ☐ I now plan to pursue a Doctoral degree in a field other than science.
- ☐ I now plan to pursue a medical degree.
- ☐ I now plan to pursue a law, architectural, or other degree.
- ☐ Not applicable / Prefer not to answer.

## Course Elements

Please rate how much learning you gained from each element you experienced in this course. The scale measuring your gain is from (no or very small gain) to (very large gain). Some elements may not have happened at all. If the item is not relevant or you prefer not to answer, please choose the "not applicable" option.

[illegible]

[illegible]

[illegible]

## Benefits

**In this section of the survey you will be asked to consider a variety of possible benefits you may have gained from your research experience.** If for any reason you prefer not to answer, or consider the question irrelevant to you, please choose the "Not applicable / Prefer not to answer" option.

[illegible]

## Overall evaluation

**For each item below please rate your own agreement with the item.**

[illegible]

## Your opinions about science

In the pretest you responded to questions about science. Below the questions are posed again. Your answers will help us decide between two hypotheses, that the opinions are reliable over time (test-retest reliability) or that the opinions change as a result of your experience.

**For each item below please rate your agreement with the item.**

	<b>Strongly disagree</b>	<b>Disagree</b>	<b>Neutral</b>	<b>Agree</b>	<b>Strongly agree</b>	<b>N/A</b>
Even if I forget the facts, I'll still be able to use the thinking skills I learn in science.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The process of writing in science is helpful for understanding scientific ideas.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I wish science instructors would just tell us what we need to know so we can learn it.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Creativity does not play a role in science.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Science is not connected to non-science fields such as history, literature, economics, or art.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I get personal satisfaction when I solve a scientific problem by figuring it out myself.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Science is essentially an accumulation of facts, rules, and formulas.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I can do well in science courses.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
There is too much emphasis in science classes on figuring things out for yourself.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Explaining science ideas to others has helped me understand the ideas better.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
If an experiment shows that something doesn't work, the experiment was a failure.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>