

PHYS 496 Procedures and Requirements

Requirements to earn 1-unit of PHYS 496 credit:

1. At least 4 hours of research per week for an entire semester (>65 hours total)
2. Concurrent or previous **enrollment in PHYS 400**
3. 2 page **written summary** of your research activities and results that includes an **Abstract** (<250 words) and **Figure** that can be featured on the DPB website and newsletter
4. **Presentation** at USD Creative Collaborations or alternative suitable public venue
5. **Weekly log** of research hours and activities

How to enroll in PHYS 496:

1. Meet with physics and biophysics professors to learn about their research and the availability of research opportunities in their lab. Identify a professor you want to do research with.
2. Work with that professor - your research advisor - to determine a research project that you will conduct over the course of a semester (or longer).
3. Enroll in PHYS 400 or show proof of previous completion of PHYS 400.
4. Complete the [PHYS 496 Enrollment Application](#) with your research advisor (the link to the Application can also be found on the [Student Resources](#) page of the department website)
5. Email the DPB Executive Assistant, Crystal Ibarra (crystalibarra@sandiego.edu) and alert her of your submission.
6. Design a research plan and weekly schedule with your faculty research advisor to ensure you complete at least 65 hours over the course of the semester.
7. Conduct research according to your set schedule. Make sure to meet regularly with your faculty research advisor to ensure you are on track with your project.

What to do during and/or following your research experience:

1. Throughout the course of the semester maintain and routinely submit a weekly research log using the [PHYS 496 Materials Submission](#) form (found on the [Student Resources](#) page of department website).
2. Submit an abstract for [Creative Collaborations](#) (February).
3. Present a **poster/talk** on your research at Creative Collaborations or an alternative suitable public venue (March-May).
4. **2-pg summary** of your research activities and results. **Include an Abstract (<250 words) and Figure to be posted on the department website.**
5. Review these materials with your faculty research advisor and make any edits they suggest by the **last day of classes for semester.**
6. After approval from your faculty advisor, **upload electronic copies of items 1-4** to the [PHYS 496 Materials Submission](#) form by the **last day of finals for the semester.**
7. Remind your faculty research advisor to submit your PHYS 496 grade (P/F).

Trouble finding a research project? Confused about the requirements/procedures or what research entails? Contact Dr. Ryan McGorty: rmcgorty@sandiego.edu

****Faculty advisors must submit to the Chair the graded research summary, weekly research log, and PHYS 496 grade (P/F) for each student mentee when *final grades are due.***