

INTERDISCIPLINARY PROGRAMS

Bachelor of Science in Data Science

The Bachelor of Science in Data Science prepares students to analyze complex systems and solve real-world problems through the analysis of data. Many disciplines, including natural sciences, economics, government and politics, and many other industries and firms, rely on data for decision-making and experimental analyses. Data scientists work with a variety of methods including predictive or prescriptive analytics, algorithms, applied machine learning, statistical modeling, and data visualization. The BS in Data Science is unique in that it is accessible to students in the arts, social sciences, and humanities as well as those coming from STEM disciplines. Students can choose tracks based on their interests, including tracks in decision making, storytelling, data engineering, and predictive modeling. Students in this program are encouraged to double major in a second field of interest as gaining depth in one discipline will strengthen and complement a student's skills for data analysis and storytelling. The degree is structured with accessible pathways to double majors in many other programs across the University including economics, political science, art, philosophy, mathematics, and computer science.

For degree requirements, visit the **Bachelor of Science in Data Science** (<https://catalog.pacific.edu/uop/collegeofthepacific/datascience/#text>) program page.

Bachelor of Science in Product Design and Entrepreneurship

The Bachelor of Science in Product Design and Entrepreneurship prepares students with an entrepreneurial mindset to develop user-centered designs and innovative solutions that create value and positively impacting society and the economy. The program is intended to promote interdisciplinary, science-and technology-based entrepreneurship to fill the gap created by the lack of a cohesive, coordinated approach to innovation and entrepreneurship. Students can choose a track based on their interest. The two tracks in the program are: Physical Design & Manufacturing and Digital User Experience & AI. These tracks align with the growing market demand for skills in new product development, product design, and User Experience (UX).

For degree requirements, visit the **Bachelor of Science in Product Design and Entrepreneurship** program page.

Bachelor of Science in Sustainability

The Bachelor of Science in Sustainability is an interdisciplinary, cross-college major at the University of the Pacific. Graduates of our program will be equipped to examine issues of growing concern (including climate change, economic inequality, community wellness, biodiversity loss) through future leadership roles in wide-ranging sectors including engineering, business, community development, environmental science, and health and wellness. Students will develop a foundational understanding of sustainability concepts (people, planet, prosperity and their interrelationships) and the problem-solving and leadership skills needed to develop and implement innovative solutions.

For degree requirements, visit the **Bachelor of Science in Sustainability** program page.