

College of Science



In the College of Science, there are eight academic institutions, comprising five departments, one school, and two graduate institutes. More specifically, they are Mathematics, Physics, Chemistry, Earth Sciences, and Computer Science & Information Engineering, Life Science, Sustainability Management & Environmental Education and Science Education. Students can pursue bachelor's, master's, and doctoral degrees across key disciplines like Mathematics, Physics, Chemistry, Earth Sciences, Computer Science & Information Engineering, and Life Science. Dive deeper passion with specialized master's and doctoral programs in Sustainability Management & Environmental Education and Science Education.

The instructional objectives aim to nurture outstanding scientific and technological talents while concurrently cultivating secondary school science teachers. To achieve this, we are committed to enhancing teaching efficiency and research achievements, as well as promoting cross-disciplinary skills and global mobility. In our curriculum planning, we emphasize the courses of English Mediated Instruction (EMI) and the Graduate Program in English (GPE). EMI provides a fully immersive English learning environment, encompassing content delivery, student-teacher interactions, course materials, and assessments conducted entirely in English, with a minimum of 70% student-to-student communication in English. GPE stands as English graduate program, aiming graduates with skills and knowledge for diverse opportunities at Master's and Doctoral levels.

In relation to our curriculum features, we offer the Industry EMI courses and the EMI Program of Scientific Computing and Interdisciplinary Application. These programs are designed to facilitate the industrialization of scientific and technological advancements, helping students bolster their professional knowledge and skills for future career advancement. Additionally, our core focus lies in nurturing students' English proficiency, thereby improving their global competitiveness and employability.

Our alumni span all careers, especially in teaching and education, research scientist, laboratory technician, data analyst or statistician, environmental scientist, healthcare professions, science communication, and various other fields. We proactively link alumni with current students, fostering a continually expanding network that inspires more student enrollments and broadens career prospects for our graduates.