

**gPBL in Bioscience, Faculty of Resource Science, UNIMAS in Malaysia**

Date	Place	Partner Organization	Students' Major and Grade	Participants' Information	SIT Instructor
2025/08/11 ~2025/08/25	Malaysia	University Malaysia Sarawak	<ul style="list-style-type: none"> <li>•Department of Bioscience and Engineering, Systems Engineering and Science</li> <li>•Undergraduate 2nd grade, Undergraduate 3rd grade, Undergraduate 4th grade, Master 1st grade, Master 2nd grade</li> </ul>	(SIT) Students 17, Professor 3 (University Malaysia Sarawak) Students 8, Professor 4	FUKUI Koji(Department of Bioscience & Engineering), KAWASHIMA Hiroto(Department of Bioscience & Engineering), OSAKABE Naomi(Department of Bioscience & Engineering)



Image1 Farewell Party

At Universiti Malaysia Sarawak (UNIMAS), the Global Project-Based Learning (gPBL) program was conducted again this year. In this program, participants collected local fruits and plants, measured the total antioxidant content, and carried out experiments related to bioethanol production. Compared with the previous year, the number of participating students increased, resulting in a highly active and engaging PBL experience at the local site. Among the participants were several students who traveled abroad for the first time, and many reported in their post-program reflections that it had been a valuable international experience. The program was conducted in mixed teams consisting of SIT and local students. Although the SIT students were initially nervous, they gradually became more comfortable through collaborative activities and engaged actively in communication. From the perspectives of cross-cultural understanding and international collaboration, the program proved to be extremely meaningful and fruitful.



Image2 Experiment①

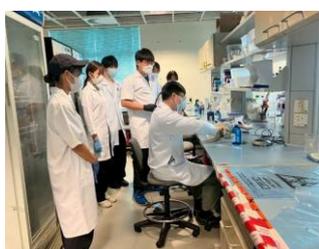


Image3 Experiment②