



Delve into biology and chemistry

BIOLOGY and Chemistry are two areas of accumulated wisdom and knowledge on how we understand, describe and interact with the external environment, the universe and with ourselves.

For one to understand nature is to study biology and chemistry as these two subjects are the key to unlocking knowledge on the mechanics of life and its evolution.

At Tunku Abdul Rahman University College (TAR UC), students who have an affinity for both biology and chemistry will have opportunities to gain deeper knowledge of and appreciation for these subject matters, as asserted by TAR UC biology lecturer Chia Meow Lin.

She explained that biology and chemistry, like any other subjects, are for anyone curious to learn about how the world works.

"Anyone who wants to know the hows and whys of the natural world is encouraged to study biology and chemistry.

"The progress of the world would not happen if it were not for the applications and advancement of biological and chemical knowledge and technologies," said Chia.

"By studying biology, we have a better idea of the processes of living things and can make informed decisions about health and medical issues, food, agriculture, conservation of natural resources and ecology.

"On the other hand, chemistry is sometimes called the "central science" because it connects other sciences to each other. Knowledge of the nature of chemicals and chemical processes provides insights into physical and biological phenomena," she added.

TAR UC offers Chemistry and Biology at the diploma level and upon completion, students can move on to the Bioscience with Chemistry degree.

According to Chia, TAR UC's Bioscience with Chemistry degree is highly industry-relevant as the curriculum of the programme is reviewed regularly to ensure its relevance to the market demand.

"The comprehensive and well-designed syllabus for the Bioscience with Chemistry degree is constantly reviewed to provide students with the necessary foundation and competency in the subject areas to keep up with the advancement of technology and demand of the job markets," she said.

"The degree equips students with transferable skills that are sought after in the workplace in and beyond the science-related industry. TAR UC also has a good track record of graduate employment in the job market with companies such as Syntec, Top Glove and Eurofins NM Laboratory hiring our graduates.

"The Bioscience with Chemistry degree has vast applications in research, agriculture, healthcare, medical, environmental and pharmaceutical areas.

"At TAR UC, the graduates of Bioscience with Chemistry degree are trained to have analytical and problem-solving skills coupled with scientific and computational literacy. The programme helps to develop skilled, competent, versatile and sensible individuals with a global mindset.

"Career options for those taking the Bioscience with Chemistry programme are varied, ranging from healthcare and environmental conservation to education.

"Among the career prospects for graduates are research scientists, chemists, quality control/assurance officers, marketing and sales officers, life science technologists, biochemists, microbiologists, life sciences product specialists, biotechnologists, occupational health and safety specialists and environmentalists."

Students who meet the minimum entry requirement and submit their applications with all the required documentation during TAR UC's Open Day or at TAR UC's booth at major education fairs will receive on-the-spot offers and enjoy a waiver of the processing fee.

Attractive scholarships also available at TAR UC on the basis of academic merit and a sibling discount will be given to qualified students.

■ To find out more about Bioscience with Chemistry/ Chemistry and Biology or other science programmes offered by TAR UC, visit TAR UC Open Day at TAR UC's main campus in Kuala Lumpur or any TAR UC branch campuses in Penang, Perak, Johor, Pahang and Sabah from now until March 29 from 9am to 5pm.

You may also visit TAR UC booth at major education fairs nationwide. Alternatively, visit TAR UC's website at www.tarc.edu.my



Chia (left) supervising her students in the Biology Laboratory at TAR UC.