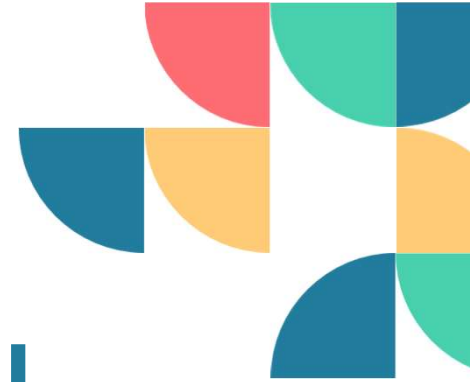




قوليتيكنيك بروني
POLITEKNIK BRUNEI



SCHOOL OF PETROCHEMICAL



**LEVEL 5 DIPLOMA IN
APPLIED SCIENCE TECHNOLOGY**

LUMUT CAMPUS



**THE PROGRAMME OFFERS A
UNIQUE INTERDISCIPLINARY
APPROACH**

**WHICH PROVIDES AN
UNDERTSANDING OF THE
FUNDAMENTAL DISCIPLINES**

**AND PRACTICAL APPLICATION IN
BIOLOGY AND CHEMISTRY**



LEVEL 5 DIPLOMA IN APPLIED SCIENCE TECHNOLOGY

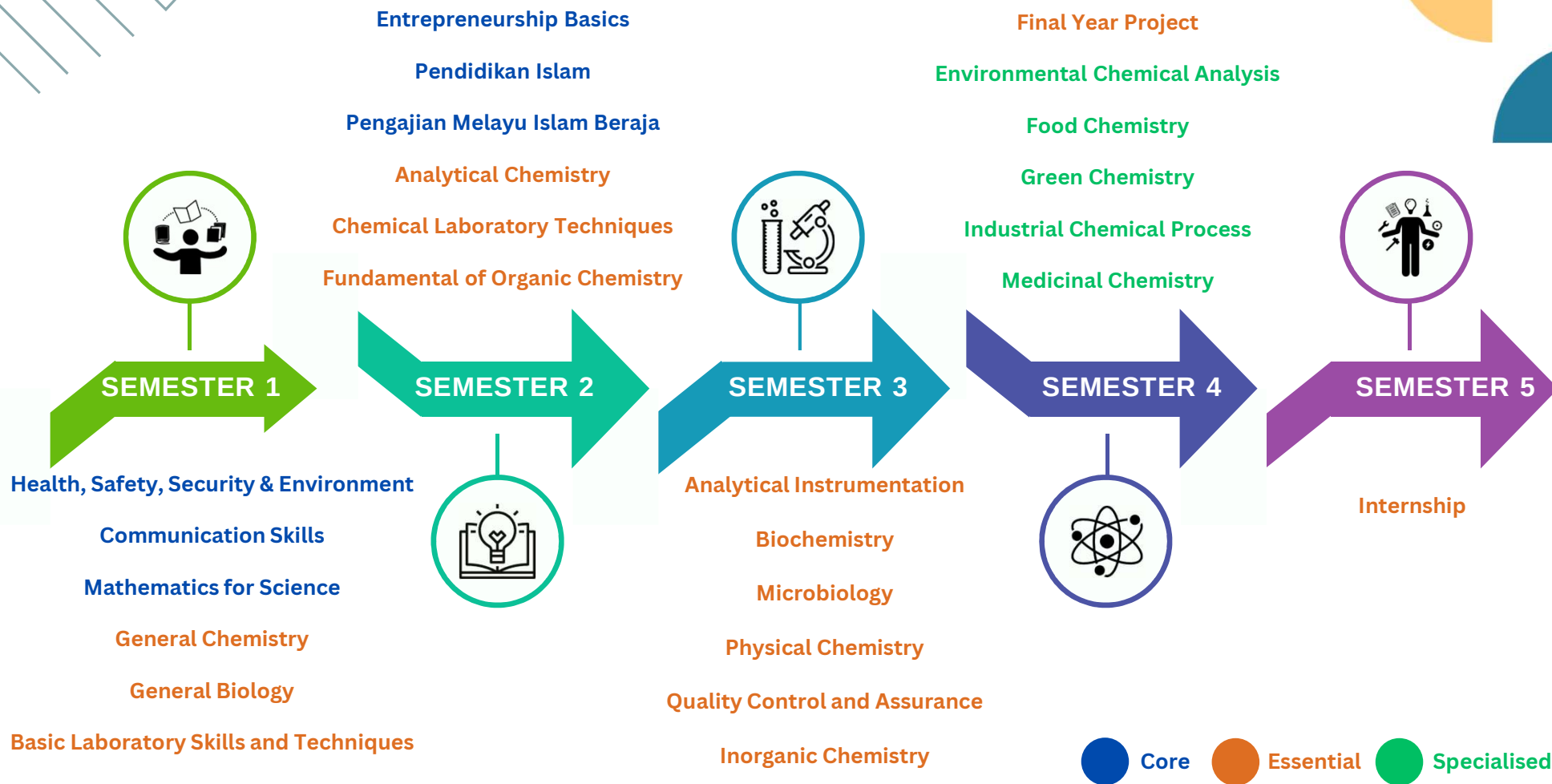
ESSENTIAL SCIENTIFIC KNOWLEDGE

VARIOUS LABORATORY ANALYSIS AND
HANDS-ON EXPERIENCE

WELL-PREPARED FOR THE
FUTURE JOB MARKET



PROGRAMME STRUCTURE





CAREER OPPORTUNITIES



★ **Laboratory Technician / Technologist**

Clinical Laboratory Technician

Environment Technician

Agriculture Technician



Chemical Technician

Food Scientist/Technologist

Research Assistant

Process Technician



★ **HSSE Officer**

Waste Management Specialist

Quality Control / Quality Assurance Analyst

Bioprocess Technician

FURTHER STUDY OPPORTUNITIES



UNIVERSITI BRUNEI DARUSSALAM

- BACHELOR OF SCIENCE (BIOLOGY/CHEMISTRY)
- BACHELOR OF ENGINEERING (CHEMICAL & PROCESS ENGINEERING)
- BACHELOR OF HEALTH SCIENCE (BIOMEDICAL SCIENCE/PHARMACY)
- BACHELOR OF ARTS (ENVIRONMENTAL STUDIES)



UNIVERSITI TEKNOLOGI BRUNEI

- BACHELOR OF SCIENCE IN FOOD SCIENCE AND TECHNOLOGY
- BACHELOR OF SCIENCE IN FOOD SCIENCE AND HUMAN NUTRITION
- BACHELOR OF SCIENCE IN AGROTECHNOLOGY
- BACHELOR OF ENGINEERING IN CHEMICAL ENGINEERING



UNISSA

- BACHELOR OF HALAL SCIENCE
- BACHELOR OF SCIENCE IN AGRICULTURE (AGROTECHNOLOGY)
- BACHELOR OF SCIENCE IN AGRICULTURE (AGRIBUSINESS)

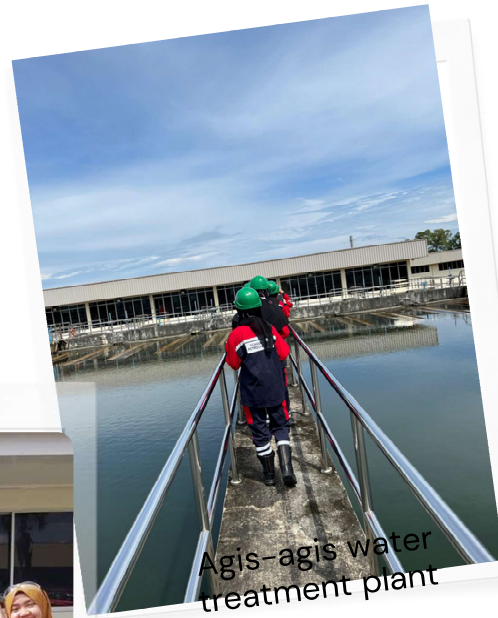
*Subject to the CGPA attained and the university admission requirements locally and internationally



FIELD STUDY AND INTERNSHIP



Water Services Laboratory



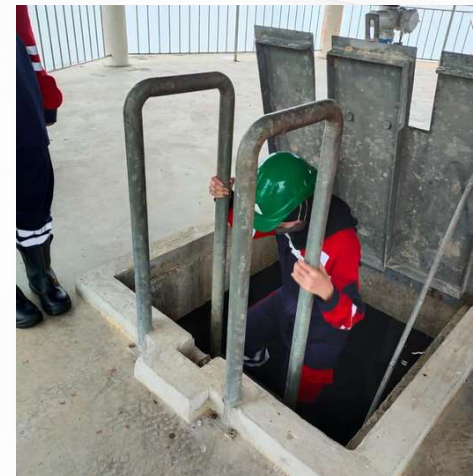
Agis-agis water treatment plant



Field inspection



Production Chemistry Laboratory



Sampling activities



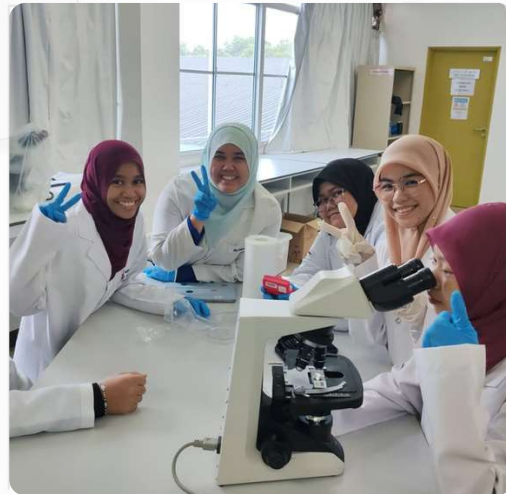
LABORATORY ACTIVITIES



Bacterial isolation



DNA Extraction



Microscopic viewing



Soap making using
Saponification process



STUDENTS ACHIEVEMENTS

2019



SOUTHEAST ASIA GLOBAL INNOVATION CHALLENGE

3rd RUNNER UP
University Malaya, Malaysia

2019



STARTUP WEEKEND
BRUNEI FOODTECH
WINNER, 2ND & 3RD PLACE
Techstar, Biz Digital, Royal
Brunei Airlines

2019



4TH SOUTHEAST ASIA
CREATIVE CAMP
(CULINARY)
PARTICIPANT
SEAMEO.ORG

STUDENTS ACHIEVEMENTS

2020



ASM AGAR ART CONTEST

TOP 50

American Society Microbiology,
USA

2021



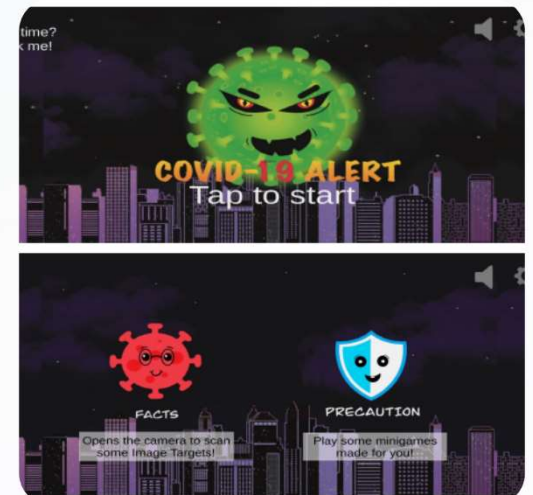
CROWN PRINCE AWARDS

CIPTA

PARTICIPANT

Universiti Teknologi Brunei

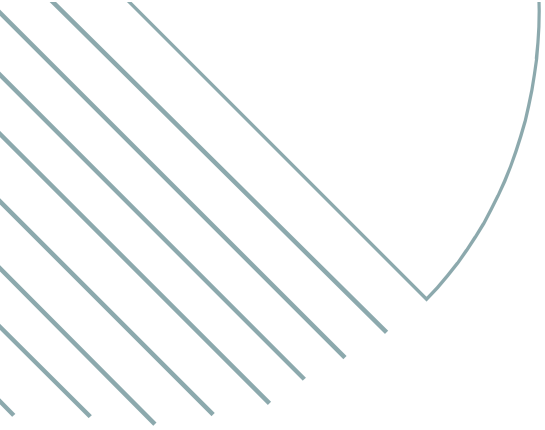
2021



**BRUNEI ICT AWARD
(BICTA)**

PARTICIPANT

Ministry of Transport &
Infocommunication Brunei



THANK YOU

