

Undergraduate Programme Course List (2025/26)

Programme Title:	Bachelor of Science (Honours) in Integrated Environmental Management and Bachelor of Education (Honours) (Science)
Programme Short Name:	BSc(IEM)&BEd(SCI)
Programme Code:	A5B113
Year of Entry:	2025/26

Major Course List

Course Code	Course Title
Discipline Studies Major (IEM)	
SCB2003	Ecology
TBC	Fundamental Statistics for Environmental Analysis
SES2051	Pollution Control and Waste Management
SES3053	Environmental Modelling
SES2049	Environmental Science and Management
SCC3004	Analytical Chemistry: Instrumentation & Quantitative Analysis
SCC3006	Industrial Chemistry: Environmental & Technology
SES4052	Environmental Impact Assessment
INS4070	Internship
SES4054	Environmental and Public Health Risk Assessments
SES4055	Food Security, Safety and Management
INS3069	Environmental Education and Communication
GGP3023	Conservation and Management of Natural Resources
SES3056	Innovative Technologies for Environmental Management
Education Major (Chemistry Major)	
TBC	Foundation Science: Life & Living
TBC	Foundation Science: Matter, Energy & Change
TBC	Foundation Science: The Earth & Beyond

TBC	Organic Chemistry: Molecule & Isomerism
TBC	Inorganic Chemistry: s, p & d Block Elements
TBC	Physical Chemistry: Properties, Thermodynamics and Equilibrium
TBC	Science, Technology, Engineering & Society
SCC3005	Materials Chemistry: Resources, Material & the Environment
SCC4009	Advanced Physical Chemistry: Kinetics, Mechanism & Electrochemistry
SCC4007	Advanced Organic Chemistry: Synthesis & Application
SCC4008	Advanced Inorganic Chemistry: Coordination Chemistry

Education Studies Course List – for teacher education programme

Course Code	Course Title
Education Studies – Pedagogy for Major	
TBC	Teaching & Learning of Primary Science
TBC	Teaching & Learning of Secondary Chemistry
Education Studies Core	
PSY2050	Basic Psychology for Educators: Useful Concepts from Educational and Positive Psychology
PFS2013	Philosophical and Socio-cultural Issues in Education
TLS3092	Effective Teaching & Positive Classroom Learning Environment
TLS3003	Curriculum and Assessment
SED4116	School Guidance and Managing Diversity
EDA4101	Teachers and Teaching in Context
Education Studies – Restricted Electives	
TLS3005	Assessment for Productive Learning
TLS3007	School-based Curriculum Development
TLS3008	Teaching Innovations
TLS3056	Enquiring Into School-Based Assessment: Issues and Strategies
EDA3035	Promoting Social Justice in Schools
EDA3097	Practical Legal Knowledge for Teachers

EDA4099	Hong Kong Education Stories: History, Policy and Advocacy
EDA4100	Rethinking and Reimagining Education
PFS2043	International Schools in Global Context
PFS3032	Learning and Teaching in International Schools
PFS3046	International Perspectives on Education in Hong Kong
PFS3048	Globalization and Education
PFS4044	Life and Values Education
PFS4047	Education for a Meaningful Life: Great Thinkers
PSY2020	Human Development across the Lifespan
PSY3018	Child and Adolescent Psychopathology
PSY3019	Stress and Coping
PSY3021	Learning Theories and Processes
COU3009	Counselling Theories, Process and Practice
COU4030	Comprehensive School Guidance
SED3002	A Whole School Approach to Inclusive Practices
SED4074	Developing an Inclusive Classroom for Diverse Learning