

EDUC 7950 Public Health (3,3,0) (E)

This course provides an overview of the field of public health. It introduces students to the background knowledge essential to the understanding of major public health issues and problems. Examples will be drawn from both Hong Kong and other places.

EDUC 7960 Developmental Diversity in Early Childhood (3,3,0) (E)

Developmental diversity represents one of the current approaches towards understanding children's learning needs. Based on an analysis of young children's genetic, cognitive and social development, this course adopts an integrated approach towards understanding the developmental diversity of young children and the implications of developmental diversity on learning and teaching.

EDUC 7970 Early Childhood Curriculum (3,3,0) (E)

This course aims at providing students with theoretical frameworks for analysing curriculum issues in early childhood education (ECE). Different approaches to the design of ECE curriculum will be examined to enable students to reflect critically upon curriculum changes in ECE. It also aims at empowering students with relevant professional knowledge and skills so that they can strive for improving ECE in the local context.

EDUC 7980 Energy Technology and the Environment (3,3,0) (E)

This course introduces major energy production technologies and consumption of various forms of energy, and their related environmental impacts. The concept of sustainable development and its connection to the issues over the use of energy and living styles of people would also be discussed.

EDUC 7990 Mathematics in Action—Applications of Contemporary Mathematics (3,3,0) (C)

This course aims at bringing out the prevalence, relevance, and practicality of contemporary mathematics in the modern society. Topics range from how to make the best use of limited resources, how to share and allocate resources fairly, how to understand competition in the context of mathematics, and how to manage money and finance.

EDUM 7270 Mathematics Curriculum Development at Junior Levels (3,3,0) (C)

This course gives students an enhanced understanding of various critical issues of Key Stages 1, 2 and 3 mathematics curriculum in Hong Kong. It also supports and encourages students to rethink and reflect on these curriculum issues.

EDUM 7280 Theory, Research and Pedagogical Issues of Number and Algebra (3,3,0)

This course gives students an overview of "Number and Algebra" as a learning strand in Hong Kong Mathematics Curriculum at Key Stage 1, 2 and 3. It examines this strand from various perspectives: theory, research and classroom practice. It also supports and encourages students to rethink and reflect on their own curriculum and assessment knowledge, skills and practices of this strand.

EDUM 7290 Theory, Research and Pedagogical Issues of Shape and Space (3,3,0)

This course gives students an overview of "Shape and Space" as a learning strand in Hong Kong Mathematics Curriculum at Key Stage 1, 2 and 3. It examines this strand from various perspectives: theory, research and classroom practice. It also supports and encourages students to rethink and reflect on their own curriculum and assessment knowledge, skills and practices of this strand.

EDUM 7300 Theory, Research and Pedagogical Issues of Data Handling (3,3,0) (E)

This course gives students an overview of "Data Handling" as a learning strand in Hong Kong Mathematics Curriculum at Key Stage 1, 2 and 3. It examines this strand from various perspectives: theory, research and classroom practice. It also supports and encourages students to rethink and reflect on their own curriculum and assessment knowledge, skills and practices of this strand.

EDUM 7310 Introduction to Theories of Curriculum and Assessment (3,3,0)

This course provides learners with knowledge about school curriculum in general. This course also introduces learners to the principles and instruments of assessment commonly used in schools. Emphasis will be put on examples drawn from the Hong Kong context.

EDUM 7320 Leadership in Curriculum Development and Pedagogical Design (3,3,0)

Prerequisite: EDUM 7310 Introduction to Theories of Curriculum and Assessment

This course aims to advance learners' knowledge of the emerging theories of curriculum and pedagogical design. The introduction of these theories provides learners with solid theoretical underpinnings to inform curriculum and pedagogical decisions. Topics include principles of and models for curriculum development, curriculum planning as a multilevel process, backward design, problem-based learning, project learning, inquiry learning, curriculum implementation and evaluation, and managing pedagogical innovations and curriculum change.

EDUM 7330 Testing, Measurement and Assessment in Education (3,3,0)

This course aims to advance learners' knowledge about the emerging approaches to assessing student performance and to equip them with the essential skills in employing appropriate techniques in testing, measurement and assessment. The theoretical underpinnings, strengths and weaknesses associated with various strategies will be critically analysed.

EDUM 7340 Contemporary Issues in ELT: Policy, Practice and Pedagogy in English Language Education (3,3,0)

This course raises students' awareness of a number of contested issues in Hong Kong that have a bearing on the discipline of English Language Education (ELT). It offers students the opportunity to question; the power of policy as a change agent and its implications, the teaching profession's response strategies to the challenges of not only educational reform policies, but also rapid developments in technology and the global shift towards knowledge-based economies inside the field of English Language education. Finally it draws together these impacts and revisits the debates about cultural identity and the perceived resistance to a concerted effort to establish a tri-lingual/bi-literate community in Hong Kong.

EDUM 7350 Managing Change in ELT (3,3,0) (E)

This course aims to develop in students an overview of change in ELT in both Hong Kong and international contexts. The focus of the course is on examining curriculum development and change in order to develop the skills and knowledge practitioners require for the adoption or development of new syllabuses, courses and assessments, and ways of evaluating these in relation to the Hong Kong curriculum reforms.

EDUM 7360 Chinese Language Education in a Changing Context (3,3,0)

With the explosive growth of knowledge and the rapid change of technology, there is a demand of education reform. This course focuses on the changing needs of the 21st century in Chinese language teaching and learning. Chinese language, being the mother tongue of most Hong Kong students, faces the challenge