teachers are required to submit a reflective teaching portfolio which included teaching plans as well as the two assessment results after their teaching practice period.

EDUC 7360   Curriculum and Assessment   (3,3,0) (C)
This course provides students with knowledge about school curriculum in general. This course also introduces students to the principles and instruments of assessment commonly used in schools. Emphasis will be put on examples drawn from the Hong Kong context.

**EDUC 7370   Classroom Management and   (3,3,0) (C)
                Communication**
This course focuses on managing the classroom environment for positive teaching and learning by providing an infrastructure of order and meaning. It also deals with the theoretical basis and the implementation of a range of approaches to classroom management and communication. Emphasis will be put on knowledge and skills for creating a learning environment that encourages positive social interaction and communication.

EDUC 7381-2   Subject Instruction I & II   (4,4,0) (C)
This course develops and enhances the effectiveness of students in teaching their specializing subjects in schools. It also fosters critical thinking, creativity and self-reflection in curriculum design, implementation and evaluation.

EDUC 7391-2   Subject Teaching I & II   (3,3,0) (C)/(E)
This course develops and enhances the effectiveness of students in teaching their specializing subjects in schools. It also fosters critical thinking, creativity and self-reflection in curriculum design, implementation and evaluation.

EDUC 7420   Foundational Mathematics   (3,3,0)
This course introduces basic ideas and techniques in foundational mathematics topics for junior level mathematics teachers. Special emphasis will be put on the fundamental theorems of various mathematics streams. It also aims at enhancing teachers' mathematical reasoning, communication and logical thinking skills.

**EDUC 7430   Development in Mathematical   (3,3,0)
                Thinking**
This course aims at enriching students' knowledge and perspectives of mathematical thinking and how it impacts the learning and teaching of mathematics. Both (1) the deductive reasoning approach steeped in algebraic manipulations, which is also the currently dominant approach to mathematics, and (2) the geometric approach, which appeals to our intuitive reasoning and facilitates understanding, will be studied and compared in this course.

EDUC 7440   Understanding Number Theory   (3,3,0) (C)
This course aims at developing students' understanding and appreciation of the theory of numbers. Basic concepts such as divisibility, congruence, linear equations, as well as advanced topics in continued fraction, magic squares and Latin squares, will be covered. Theories and concepts behind games and project ideas for classroom teaching will also be explored and examined.

EDUC 7460   Geometries in Perspective   (3,3,0)
The study of geometry has come a long way since the brilliant work in Euclid's Elements. This course aims at enhancing students' understanding and appreciation of the salient branches of geometry, including the development of Euclidean and non-Euclidean geometries, and dynamic geometry.

EDUC 7470   Statistics and Society   (3,3,0) (C)
This course introduces elementary probability, elementary statistics and how statistical thinking impacts people's everyday life. Theories and concepts behind games and project ideas for classroom teaching will also be explored and examined.

EDUC 7510   Child and Adolescent Development (3,3,0) (E)
Prerequisite: Introductory psychology or equivalent
This course aims at increasing students' understanding of the psychological theories and research of child and adolescent development. Current issues and themes related to the development of children and adolescents will also be discussed. In addition, studies of development of Chinese children and adolescents will be included.

EDUC 7520   Research Methods in Education   (3,3,0) (E)
This course aims at developing in students a functional knowledge of the research process from idea formulation to data analysis and interpretation. It introduces students to the basic concepts, principles and skills required for reading and conducting educational research. It also enables them to critically evaluate published research in education.

**EDUC 7530   Sociocultural Context of Human   (3,3,0) (E)
                Development**
This course aims at providing a framework for understanding the influence of the sociocultural context on human development. Major socialization agents including the family and the school are examined from a multidisciplinary perspective focusing on the interactive influence between the individual and the society. Specific reference is made to cross-cultural studies.

EDUC 7540   Psychology of Moral Development (3,3,0) (E)
This course studies the nature and current theories of moral development. Special reference will be made to research on the moral development of Chinese people.

**EDUC 7550   Problem Behaviours in Children   (3,3,0) (E)
                and Adolescents**
This course examines the nature, prevalence and consequences of the problem behaviours common among today's youngsters and also measures for their rectification. Specific reference will be made to current research in problem behaviours.

EDUC 7560   Seminar in Education   (3,3,0)
This course provides a forum for the discussion of current and emerging issues in education, and gives students the opportunity to develop competence in making meaningful responses to education matters, especially those relevant to Hong Kong.

EDUC 7570   Moral Education: Theory and Practice (3,3,0)
This course provides an inter-disciplinary framework for thinking about moral education for children and adolescents. It looks at various models of moral education and discusses their application in primary and secondary education.

EDUC 7580   Civic Education   (3,3,0)
This course aims at developing critical understanding of the significance and development of civic education for primary and secondary schools. It introduces basic concepts in civic education, examines critical issues in the design and implementation of civic education, and discusses the role of civic education in the development of children and adolescents.

**EDUC 7590   Education for the Gifted and   (3,3,0) (E)
                Talented**
This course provides an orientation to the study of gifted and talented children and adolescents. It examines programme models for developing the gifted and talented, focusing on the instruction and learning process. Current research in gifted education and creativity in Hong Kong will be examined.

**EDUC 7600   Career Competence Development   (3,3,0)
                and Education**
Prerequisite: EDUC 7510 Child and Adolescent Development
This course aims at providing a framework for understanding career awareness and concerns in adolescents. It focuses on the development of competence in career planning and the establishment of a vocational identity. Career development and guidance strategies will be discussed.