

Note: Participants must complete the entire set of modularised courses to be considered as completing one course. E.g. Completing MTC902A, MTC902B and MTC902C to be considered as completing MTC902.

Graduate Certificate	Course Code	Course Title	
Advanced Pedagogical Practices	MTC902 OR MTC902A MTC902B MTC902C	Designing Curriculum: Theory and Practice OR The Teacher and the Curriculum The Elements of Curriculum and Curriculum Designing Teachers as Curriculum Designers	
	MTC903 OR MTC903A  MTC903B  MTC903C	Assessment for Learning: Theory and Practice OR Assessment for Learning: An Overview of Theory and Practice Assessment for Learning: Deep Dive into Issues and Possibilities Assessment for Learning: Putting it Together	
	MTC904 OR MTC904A  MTC904B  MTC904C	Facilitating Learning in the Digital Age OR Facilitating Learning in the Digital Age: Part 1 Digital Learning - The Tripartite Relationship Facilitating Learning in the Digital Age: Part 2 Digital Learning - Theory-Practise Nexus Facilitating Learning in the Digital Age: Part 3 Digital Learning - Critical Perspectives and Deepening Understanding	
	Curriculum and Teaching	MCT902	Crafting the Curriculum
		MCT921	Theory and Practice of Authentic Assessment
		<i>Select any 1 of the following courses:</i>	
		MCT904	Understanding Teachers and Teaching: Theory and Practice
		MCT912	Curriculum and Programme Evaluation
		MCT913	Differentiating Curriculum and Teaching for Diverse Learners
	MCT935	New Media and 21st Century Learning	
	Drama Education	MDR901	Theatre Making: Theory, Practice, Pedagogy
		MDR902	Drama Education, Curriculum and Assessment
MDR903		The Teacher as Facili-Actor	
Early Childhood Studies	MEC901	Child Development (0-8 years)	
	MEC902	Issues and Trends in Early Childhood Education	
	MEC903	Research Investigations in Early Childhood Education	
Instructional Design (E-Learning)	MID901	Instructional Design Models and Practices	
	MID941	Evaluation Model and Methods	
	MID922	E-Learning Tools for Training (Pre-requisite: Completed MID901)	
Learning & Development	MDP904	Motivation, Volition and Learning in-Action	
	MDP907 OR DP907A DP907B	How to Nurture Creative & Happy Learners OR Discovering My Creative Self: A Psychological Journey Discovering My Happy Self: A Psychological Journey	

	DP907C	Discovering My Creative & Happy Self: Further In & Further Out
	<i>Select any 1 of the following courses:</i>	
	MDP909	Assessment and Development of 21st Century Competencies
	OR	OR
	DP909A	Principles and Perspectives of Assessing 21 <sup>st</sup> Century Competencies
	DP909B	Designing Task and Rubric for Assessing 21 <sup>st</sup> Century Competencies
	DP909C	Assessing 21st Century Competencies
	MDP906	Personality and Attitude Assessment
Physical Activity and Health (Completed any 3 courses)	MES906	Exercise Physiology
	MES910	Physical Activity, Nutrition & Health
	MES911	Psychology of Physical Activity
	MES912	Sports Injuries - Understanding, Prevention and Management
Professional Training and Development	MTD903	Instructional Design Models and Practices
	MTD908	Training Methods and Strategies
	MTD909	E-learning Tools for Training (Pre-requisite: completed MTD903)
Mind, Brain, and Education (Completed any 3 courses)	MSL901	Foundations in Science of Learning
	OR	OR
	MSL901A	Understanding Developments in Science of Learning
	MSL901B	Applying Cognitive and Affective Science of Learning
	MSL901C	The 'science' of Human Learning (Pre-requisite: MSL901A & MSL901B)
	MSL904	Educational Neuroscience: Principles, Perspectives, Practices
	OR	OR
	MSL904A	Foundations of Educational Neuroscience
	MSL904B	Understanding Perspectives in Educational Neuroscience
	MSL904C	Applying Social Neuroscience (Pre-requisite: MSL904A & MSL904B)
MSL906	Education at the Intersection of Artificial Intelligence and Neuroscience	
OR	OR	
MSL906A	Understanding AI-enabled Computational Neuroscience	
MSL906B	Analyses using AI-enabled Computational Neuroscience	
MSL906C	Applying Technologies at the Intersections of Artificial Intelligence and Neuroscience	
MSL907	Translating Educational Neuroscience	
OR	OR	
MSL907A	Understanding Translational Research	
MSL907B	Ethical concerns of translating Educational Neuroscience	
MSL907C	Evaluating Science of Learning Translation	
	MSC903	Science as Practice
	OR	OR
	MSC903A	What is science? - Demystifying science
	MSC903B	Drilling deeper: Theories of science as practice
	MSC903C	Overcoming the tensions and challenges for authentic science learning

Science Education	MSC904 OR MSC904A MSC904B MSC904C	Alternative Conceptions and Conceptual Change in Science Learning OR Understanding alternative conceptions in science Ways to diagnose alternative ideas in science Investigating and addressing alternative ideas in science
	MSC906 OR MSC906A  MSC906B  MSC906C	Representations and New Media in Science Education OR Exploring different modes of representing complex ideas in science Making sense of science: Unpacking how science is represented Constructing representations for teaching science
Special Education	MSE902	Human Development
	MSE911	Learning Disabilities
	MSE915	Assessment of Children and Youth with Special Needs
Tamil Language Education (Completed any 3 courses)	MTL901  OR MTL901A  MTL901B  MTL901C	Tamil Curriculum, Materials including IT: Selection and Evaluation OR Conceptualizing Curriculum Design, Development, Planning and Instruction in Tamil Strengthening the Links in Curriculum Concepts in Tamil Language Education Understanding, Designing and Reviewing the Tamil Language Curriculum
	MTL903 OR MTL903A  MTL903B  MTL903C	Tamil Language in Education OR Definition and Concepts of Teaching Tamil as a Second Language Approaches and Strategies in Teaching, Learning and Assessing Tamil Language Building and Developing Tamil Teacher Capacity
	MTL907 OR MTL907A  MTL907B  MTL907C	History of Singapore Tamil Education and Tamil Literature OR Teaching Tamil Language with Singapore Historical Perspectives Implications on Teaching Tamil Language from Reviews and Reports Teacher Training to Teacher Upgrading in Tamil Language and Literary Education
	MTL908  OR MTL908A  MTL908B  MTL908C	An Introduction to Sociolinguistics and Bilingualism for Tamil OR Language, Language Acquisition and Learning in Tamil Language Promoting Tamil Language in Multilingual Singapore Society Teaching Tamil Language in Bilingual and Multilingual Education
	MCL902 OR MCL902A MCL902B  MCL902C	Topics on Chinese Language and Its Teaching OR Learning of Chinese characters and etymology Learning of contemporary Chinese vocabulary and contemporary Chinese lexical Items Learning of Chinese phonetics and Chinese rhetoric

Teaching and Learning Chinese Language (Completed any 3 courses)	MCL905	Character and Citizenship Education and its Pedagogy in Singapore Primary Schools
	OR	OR
	MCL905A	The learning of Character and Citizenship Education (CCE) with Inquiry-based teaching
	MCL905B	The teaching of Character and Citizenship Education (CCE) out of school
	MCL905C	The teaching of Character and Citizenship Education (CCE) within the school context
	MCL910	Chinese Language Testing and Assessment
	OR	OR
	MCL910A	Chinese Language Testing and Assessment: Theoretical overview
	MCL910B	Chinese Language Testing and Assessment: Global perspectives
	MCL910C	Chinese Language Testing and Assessment: Application in local contexts
MCL911	MCL911	Application of Information and Communication Technologies in Teaching and Learning of Chinese Language
	OR	OR
	MCL911A	Designing technology-enhanced learning to nurture self-directed learning of Chinese Language
	MCL911B	Designing technology-infused formative assessment to improve students' learning of Chinese
MCL911C	MCL911C	Designing technology-enhanced learning (TEL) lessons to support collaborative learning of Chinese Language
Teaching and Learning Music	MUE901	Issues in Music Education
	MUE902	Philosophy of Music Education
	MUE904	Studies in Musical Behaviours
Technology for Teaching and Learning	MLT903	Technologies as Cognitive Tools
	MLT912	Design for Blended Learning
	MLT913	Technology Supported Assessment
Assessment in Education	MDP901	Social and Emotional Development and Assessment
	MSE915	Assessment of Children and Youth with Special Needs
	MPM909	Elementary Statistics for Education
Understanding Diverse Learners	MEC901	Child Development (0-8 years)
	MHA901	Understanding Learners with High Ability and their Affective and Moral Needs
	MSE915	Assessment of Children and Youth with Special Needs
Teaching and Learning of Drama and Art	MDR903	The Teacher as Facilitator
	MEA902	Visual Arts and Creativity
	MEA903	Arts Education and Technology
Teaching and Learning in Higher Education	MTD903	Instructional Design Models and Practices
	MTD913A	Teaching and Learning in Higher Education: Foundations
	MTD913B	Teaching and Learning in Higher Education: Course Design
	MTD913C	Teaching and Learning in Higher Education: Reflective Practice
	MTD914	Facilitate teaching and learning with technology

Updated as of March 2024