

School of Humanities & Social Sciences

The School of Humanities & Social Sciences (HSS) promises a holistic and student-centred curriculum that will groom dynamic and robust professionals for the rapidly evolving world. Here, students are presented opportunities to put theoretical learning into practice and acquire hands-on experience through student-led projects, student internships, overseas community projects and joint collaborations with industry.

HSS – in its offer of people-oriented specialisations – also believes in fostering a caring culture with a community spirit in an academic environment. The School has a team of highly experienced and dedicated academic staff committed to facilitate and optimise student learning. It is the ultimate aim of HSS to help each graduate make a meaningful difference in their chosen career.

Centres of Excellence

Centre for Applied Gerontology (CAG)

The Centre responds to the needs of Singapore's ageing situation and takes an inclusive and universal approach in its study and research. It aims to provide a better understanding of the ageing process and its implications and seeks to find innovative ideas and solutions to issues related to the larger context of ageing in the society. It is interdisciplinary in approach and collaborates with the Schools and other research centres in TP, and the industry and community in response to its mission and commitment to Temasek Polytechnic's vision to be a world class institution reputed for its programmes, applied research and learning.

Centre for Applied Psychology (CAP)

The Centre for Applied Psychology (CAP) is housed in Temasek Polytechnic's East Wing, and serves as a Learning Enterprise. Through this Learning Enterprise, students from the Diploma in Psychology Studies are trained in the technical skills associated with behavioural and psychological research, as well as the administrative and logistical processes associated with such research projects. CAP also serves as an applied research centre through which staff and students from the Diploma in Psychology Studies engage with industry partners on collaborative projects. These projects provide real-life learning opportunities for students beyond the classroom, and also opportunities for staff members to engage in consultancy, thereby keeping themselves updated on current industry trends.

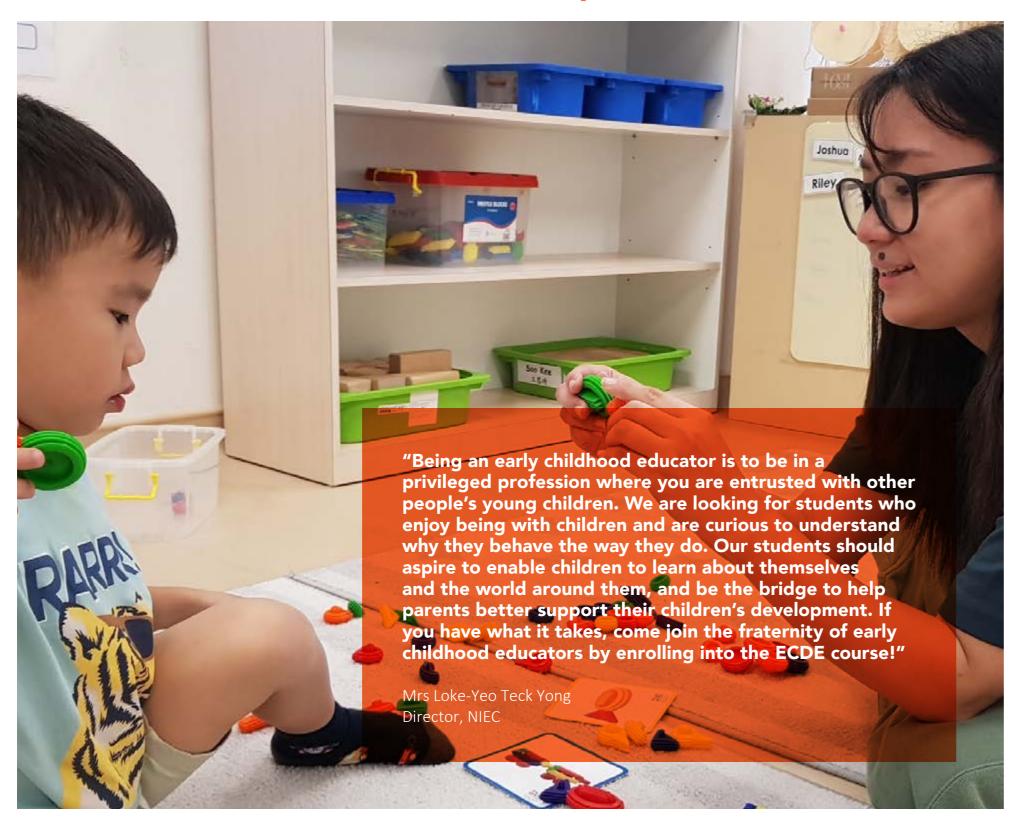
Collaboration with NIEC

With the recent announcement by Prime Minister Lee Hsien Loong in August 2017, a centralised institute — National Institute of Early Childhood Development (NIEC) was set up to train early childhood educators and to raise the standing of the profession. The Diploma in Early Childhood Development & Education (ECDE) will be awarded by National Institute of Early Childhood Development (NIEC) in collaboration with Temasek Polytechnic. With this collaboration, students can look forward to receiving support in pedagogy training and research through the National Institute of Education's Centre for Research in Child Development.

Minimum Entry Requirements

DIPLOMAS	MINIMUM ENTRY REQUIREMENTS		
To be eligible for:	English Language (EL1)	Grades 1 - 6	
• [T68] Early Childhood Development & Education	Mathematics (E or A)*	Grades 1 - 6	
Education	Any three other subjects, excluding CCA	Grades 1 - 6	
	You must also have sat for one subject listed in the 1st group of relevant subjects and another different subject listed in the 2nd group of relevant subjects for the ELR2B2-A Aggregate Type listed at www.tp.edu.sg/elr2b2		
	*Applicants with a D7 in Mathematics may apply for the course provided they have GCE 'O' Level passes (1-6) in 5 subjects (including English).		
To be eligible for:	English Language (EL1)	Grades 1 - 6	
• [T48] Psychology Studies	Mathematics (E or A)*	Grades 1 - 7	
• [T53] Social Sciences in Gerontology	Any three other subjects, excluding CCA	Grades 1 - 6	
	You must also have sat for one subject listed in the 1st group of relevant subjects and another different subject listed in the 2nd group of relevant subjects for the ELR2B2-A Aggregate Type listed at www.tp.edu.sg/elr2b2		

Early Childhood Development & Education



The Diploma in Early Childhood
Development & Education (ECDE)
is conducted by the National
Institute of Early Childhood
Development (NIEC) in collaboration
with Temasek Polytechnic at the
NIEC (TP) campus. The qualification
is recognised by the Early Childhood
Development Agency (ECDA) for
graduates to register and practise as
a pre-school teacher in Singapore.

This course will equip you with practical skill sets and the necessary professional knowledge to embark on a meaningful career as an early childhood educator. You will learn to appreciate the intricacies of children's development and curriculum planning, value the various early childhood perspectives, and cultivate a global mindset. You can also deepen your knowledge and skills in the use of Visual Arts in early childhood settings. As field-based learning is an integral part of the course, you will have the opportunity to be attached to pre-schools to observe and apply what you have learned and build your confidence in working with children and parents.

The Early Childhood Development Agency (ECDA) Training Award is available for students who are passionate about working with children and looking forward to having a career in the early childhood field.

Career Opportunities

Graduates from this course can work as early childhood educators or in children-related industries. With further studies and training, a wide variety of options are available in the following areas: child support and family services, curriculum specialist, writer of children's literature, event planner for children's events, and training of early childhood professionals.

Graduation Requirements

Cumulative Grade Point Average : min 1.0

TP Fundamentals : 24 credit units

Diploma Subjects

Core Subjects : 104 credit units Elective Subjects : min 8 credit units

Total Credit Units Completed : min 136 credit units

Application

Apply during the Joint Admissions Exercise following the release of the GCE O Level results. For other categories of local applicants, please refer to the section on "Admission and Requirements". For international students, please refer to the section on "Information for International Students".

Entry Requirements for Singapore-Cambridge GCE O Level Qualification Holders

To be eligible for consideration for admission, applicants must obtain 26 points or better for the net ELR2B2 aggregate score (i.e. English Language, 2 relevant subjects and best 2 other subjects, including CCA Bonus Points) and meet the minimum entry requirements of this course. CCA cannot be used to meet the minimum entry requirements.

For details on GCE O Level Minimum Entry Requirements, refer to page 191.

Note: To be granted teacher certification status to teach up to kindergarten levels by the Early Childhood Development Agency (ECDA), new teachers must have obtained a minimum grade of B4 for EL1. Applicants with a C5 or C6 in GCE O-Level EL are given two years from the point of teacher registration to obtain at least a B4 or other English Language Acceptable Alternatives (ELAA). Refer to bit.ly/ecdeelaa for the list of ELAA.

Applicants would need to be certified medically fit for study by a certified medical doctor, in the context of working with young children. That is, the requirements will be aligned to ECDA's medical requirements for pre-school teachers.

Foreign Qualifications

- 1. Formal education in English:
- Completed 10 years of formal education in the English language, and
- Passed the state exam in five different subjects, including obtaining a C6 in the GCE O Level EL1 paper or any of the accepted alternatives.¹
- 2. Formal education not in English
- Obtained an undergraduate degree with English as the medium of instruction from a state-recognised university.²
- Please refer to table (List of English Acceptable Alternatives) in this link: bit.ly/ecdeelaa
- ² This also applies to applicants with state-recognised PhD/Master degrees with English as the medium of instruction.

Course Structure

TP FUNDAMENTALS (TPFun) SUBJECTS			
SUBJECT CODE	SUBJECT	LEVEL	CREDIT UNITS
GCC1001	Current Issues & Critical Thinking	1	2
GCS1006	Communication & Information Literacy	1	2
GCS1007	Workplace Communication	1	2
GCS1008	Persuasive Communication	1	2
GGS1002	Global Studies	1	3
GGS1003	Managing Diversity at Work*	1	3
GGS1004	Global Citizenship & Community Development*	1	3
GGS1005	Expressions of Culture*	1	3
GIN1001	Innovation & Entrepreneurship	1	2
LEA1011	Leadership: Essential Attributes & Practice 1	1	1
LEA1012	Leadership: Essential Attributes & Practice 2	1	1
LEA1013	Leadership: Essential Attributes & Practice 3	1	1
LSW1002	Sports & Wellness	1	2
MCR1001	Career Readiness 1	1	1
MCR1002	Career Readiness 2	1	1
MCR1003	Career Readiness 3	1	1
TGL1001	Guided Learning	1	3
* Students must choose one of these three subjects or TGL1001 Guided Learning.			

DIPLOMA SUBJECTS - CORE SUBJECTS			
SUBJECT CODE	SUBJECT	LEVEL	CREDIT UNITS
GED1000	Practicum 1	1	7
GED1101	Child Development 1	1	4
GED1102	Child Safety, Health & Socio-Emotional Well-Being	1	4
GED1103	Aesthetics & Creative Expression	1	4
GED1201	Child Development 2	1	4
GED1202	Language & Literacy	1	4
GED1203	The Professional & Reflective Practitioner	1	4
GED1204	InfoComm Technology Essentials	1	2
GED1205	Principles & Practices in Early Education	1	4
GED2000	Practicum 2	2	13
GED2101	Effective Learning Environment for Young Children	2	4
GED2102	Discovery of the World	2	4
GED2103	Motor Skills Development	2	4
GED2104	Early Numeracy	2	4
GED2201	Curriculum Planning & Implementation	2	4
GED2202	Socio-Emotional Learning	2	4
GED2203	Working with the Exceptional Child	2	4
GED2204	Family & Community Partnership	2	4
GED3000	Student Internship Programme	3	22

UBJECT CODE	SUBJECT	LEVEL	CREDIT UNITS
5XA3001	2D & 3D Art #*	3	4
GXA3002	Digital & New Media #*	3	4
GXA3003	Book Illustration & Design for Children #*	3	4
GXN3004	Classroom Management & Strategies in Early Childhood Intervention*	3	4
GXN3005	Early Intervention & the Inclusive Curriculum*	3	4
GXT3006	Transcultural Issues & Practices in Early Childhood*	3	4

Psychology Studies



Imagine having an edge over others in understanding how people think and what makes them behave the way they do. Psychology is the right course for you if you enjoy working with people, and see yourself in a career that will bring out the best in others.

The course provides you with a foundation in the study of human behaviour and mental processes. It also prepares you for a career in the social services and special needs education sectors, where Psychology is applied to improve the lives of many. Apart from studying core subjects in Psychology and the social services, you are also given the flexibility to choose elective subjects according to your personal interest.

Through the course, you will discover how Psychology enriches lives, with many meaningful and practical applications.

Career Opportunities

Our graduates are well prepared to enter a variety of exciting careers in the social services, special education and research fields. Graduates who aspire to become certified psychologists, counsellors or social workers may pursue further studies in related fields of study.

Graduation Requirements

Cumulative Grade Point Average : min 1.0 TP Fundamentals Subjects: 36 credit units

Diploma Subjects

Core Subjects: 72 credit units

Elective Subjects: min 12 credit units

Total Credit Units Completed : min 120 credit units

Application

Apply during the Joint Admissions Exercise following the release of the GCE O Level results. For other categories of local applicants, please refer to the section on "Admission and Requirements". For international students, please refer to the section on "Information for International Students".

Entry Requirements for Singapore-Cambridge GCE O Level Qualification Holders

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For details on GCE O Level Minimum Entry Requirements, refer to page 191.

Course Structure

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CC1001	Current Issues & Critical Thinking	1	2
GCS1006	Communication & Information Literacy	1	2
GCS1007	Workplace Communication	1	2
GCS1008	Persuasive Communication	1	2
GGS1002	Global Studies	1	3
GGS1003	Managing Diversity at Work*	1	3
GGS1004	Global Citizenship & Community Development*	1	3
GGS1005	Expressions of Culture*	1	3
GIN1001	Innovation & Entrepreneurship	1	2
EA1011	Leadership: Essential Attributes & Practice 1	1	1
EA1012	Leadership: Essential Attributes & Practice 2	1	1
EA1013	Leadership: Essential Attributes & Practice 3	1	1
SW1002	Sports & Wellness	1	2
MCR1001	Career Readiness 1	1	1
MCR1002	Career Readiness 2	1	1
MCR1003	Career Readiness 3	1	1
GL1001	Guided Learning	1	3
GIP3005	Student Internship Programme	3	12

DIPLOMA SUBJECTS – CORE SUBJECTS			
SUBJECT CODE	SUBJECT	LEVEL	CREDIT UNITS
GPS1001	Foundation Psychology	1	4
GPS1007	Survey & Qualitative Research Methods	1	4
GPS1020	Introduction to Social Services	1	4
GPS1021	Introduction to Research Methods & Statistics	1	4
GPS1022	Introduction to Special Needs Education	1	4
GPS2001	Experimental Design & Statistics	2	4
GPS2005	Social Psychology	2	4
GPS2007	Developmental Psychology	2	4
GPS2014	Contemporary Issues in Psychology	2	4
GPS2017	Cognitive Psychology	2	4
GPS2021	Counselling Psychology	2	4
GPS2024	Group Work: Processes & Facilitation	2	4
GPS2025	Applied Psychology Project A (Survey Design)	2	4
GMP3001	Major Project	3	8
GPS3013	Industrial & Organisational Psychology	3	4
GPS3014	Community Psychology	3	4
GPS3016	Applied Psychology Project B (Experiment Design)	3	4

DIPLOMA SUBJECTS – ELECTIVE SUBJECTS				
SUBJECT CODE	SUBJECT	LEVEL	CREDIT UNITS	
Social Services Ele	ctives_			
GPS2010	Health Psychology	2	4	
GPS3003	Abnormal Psychology	3	4	
GPS3015	Deviant Behaviour & Rehabilitation	3	4	
Special Needs Education Electives				
GPS2026	Classroom Management & Strategies in Special Needs Education	2	4	
GPS2027	Assessments & Interventions in Special Needs Education	2	4	
GPS3012	Evidence-Based Strategies in Special Needs Education	3	4	

Social Sciences in Gerontology



With our population ageing and people living longer, there has been a dramatic growth in opportunities in the 'active ageing' industry. New services, programmes, products and facilities are emerging every day. Employers need staff with an in-depth understanding of ageing to support the demands and aspirations of this increasingly significant sector of the population.

The Diploma in Social Sciences in Gerontology will equip you with the skills and knowledge to understand the evolving needs and aspirations of older adults, and ways to create a more inclusive and agefriendly society where people of differing abilities can participate in the community. These skills and knowledge will also be very useful to you and your family in planning for a healthy future of continuous enrichment, security and fulfilment.

Through classroom teaching, applied projects, field work and internship, you will acquire relevant knowledge in three specialised areas in the 'active ageing' industry that present a growing and diverse range of job opportunities for you, in Health and Wellness, Community and Lifestyle, Social Services. The Diploma will also allow you to experience a multi-disciplinary curriculum comprising of Gerontology, Psychology and Sociology subjects.

The Centre for Applied Gerontology (CAG) and the outdoor "Intergenerational Playground" are two specially designed facilities that serve to further complement your learning journey. CAG is a research centre that provides opportunities to engage with industry and onsite researchers in research projects. Together with the "Intergenerational Playground" furnished with European designed equipment suitable for all ages, these facilities are purpose-built for the implementation of intergenerational learning activities that foster mutual understanding and bonding between different generations.

Career Opportunities

Careers you can look forward to include: social work associate, assistant allied health personnel; programme coordinator; research assistant; events & community liaison officer; patient relations officer; leisure management coordinator; constituency management executive; fundraising programme assistant; just to name a few! You will also be well positioned for other people-oriented careers and those that provide products and services to the mature generation and others. The scope of jobs available is not limited to the silver industry since your training is valuable in many non-profit, for-profit and 'work-for-good' businesses and organisations.

Graduation Requirements

Cumulative Grade Point Average: min 1.0 TP Fundamentals Subjects: 36 credit units Diploma Core Subjects: 84 credit units

Total Credit Units Completed : min 120 credit units

Application

Apply during the Joint Admissions Exercise following the release of the GCE O Level results. For other categories of local applicants, please refer to the section on "Admission and Requirements". For international students, please refer to the section on "Information for International Students".

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GGS1005	Expressions of Culture*	1	3
GIN1001	Innovation & Entrepreneurship	1	2
LEA1011	Leadership: Essential Attributes & Practice 1	1	1
LEA1012	Leadership: Essential Attributes & Practice 2	1	1
LEA1013	Leadership: Essential Attributes & Practice 3	1	1
LSW1002	Sports & Wellness	1	2
MCR1001	Career Readiness 1	1	1
MCR1002	Career Readiness 2	1	1
MCR1003	Career Readiness 3	1	1
TGL1001	Guided Learning	1	3
GIP3003	Student Internship Programme	3	12
* Students must choose one of these three subjects or TGL1001 Guided Learning.			

DIPLOMA SUBJECTS – CORE SUBJECTS			
SUBJECT CODE	SUBJECT	LEVEL	CREDIT UNITS
GEM1008	Introduction to Gerontology	1	4
GEM1009	Introduction to Sociology	1	4
GEM1011	Applied Social Research	1	4
GEM1012	Programme Planning	1	4
GEM1190	Geragogy	1	3
GEM1191	Stakeholder & Community Relations	1	3
GEM1192	Managing Adult Life Transitions	1	3
GPS1190	General Psychology	1	3
GEM2000	Sociology of Ageing	2	4
GEM2004	Ageing & Illness	2	4
GEM2013	Psychology of Ageing	2	4
GEM2017	Marketing to Older Adults	2	4
GEM2018	Community Development with Older Adults	2	4
GEM2019	Physical Activities & Wellness for Older Adults	2	4
GEM2022	Gender Issues in Later Life	2	4
GEM2190	Silver Leisure & Lifestyle	2	4
GEM2191	Coaching & Case Management	2	4
GEM2192	Public Health & Ageing	2	4
GEM3011	Contemporary Issues in Ageing Societies	3	4
GEM3190	Health Promotion & Active Ageing	3	4
GEM3191	Administration for Purpose Driven Organisations	3	4
GEM3192	Research Project	3	4

Subject Synopses

GCC1001 Current Issues & Critical Thinking

This subject presents you with a panoramic view of current local and global issues, which may have long term implications for Singapore. You will learn to apply critical thinking tools to examine current issues, support your views with relevant research and up-to-date data, articulate an informed opinion and mature as civicminded individuals.

GCS1004 Fundamentals of Reading & Writing (Prescribed Diploma Elective)*

This subject will help you to develop and apply critical reading skills to general articles, so that you can better assess articles you read in terms of the relevant content and the specific intents of the authors. You will also explore the basics of writing concise and critical summaries of the articles you have read.

GCS1005 Basic Listening & Oral Skills (Prescribed Diploma Elective)*

This subject will help you to develop and improve upon their listening & oral communication skills. You will explore general topics upon which they are to speak coherently and effectively, so that the primary intent and purpose of that speaking situation is put across clearly. You will also explore the different techniques and key skills in listening effectively, to ascertain the key points of any speaker's oral communication.

GCS1006 Communication & Information Literacy

In this subject, you will learn how to conduct research for relevant information and validate information sources. You will also learn to recognise and avoid plagiarism, and follow standard citation and referencing guidelines when presenting information. In the course of learning, you will be required to plan, prepare and present information appropriately in written and oral form. You will also be taught to consider the Message, Audience, Purpose and Strategy (MAPS) when writing and delivering oral presentations.

GCS1007 Workplace Communication

In this subject, you will be taught how to conduct effective meetings while applying team communication strategies and the skills for documenting meeting notes. You will be required to write clear emails, using the appropriate format, language, tone and style for an audience. You will also be taught to communicate appropriately in and for an organisation when using various platforms. In all aspects, the principles of applying Message, Audience, Purpose and Strategy (MAPS) will be covered.

GCS1008 Persuasive Communication

In this subject, you will be taught how to use persuasive language in written documents. You will be required to use information to your advantage to verbally communicate and convince an audience about your idea, product or service. Skills such as persuasive vocabulary, language features, graphical illustrations, tone and style would also be covered. The Message, Audience, Purpose and Strategy (MAPS) will also be applied when engaging in verbal and written communication.

GED1000 Practicum 1

This practicum is for students to experience the practical aspects of working with young children in early childhood settings with focus on ages three plus and younger. It will support students' learning in the area of child development, observation of children in various contexts, safety, health, hygiene and nutrition matters and the learning environment for play. Students will be involved in daily routine care and taking on teacher-assistant roles. With observations and documentations students will plan and implement learning experiences for an individual child. Students will also engage in reflective writing on their roles and interactions with children.

GED1101 Child Development 1

This module introduces students to research on brain developments and its implications on children's growth and learning. Early Years developmental milestones will be discussed with significant emphasis on birth to three years of age. Students will develop an understanding of the philosophy of infant and toddler care and development, and the Early Years Development Framework (EYDF). Theories of child development, with emphasis on Attachment theory, characteristic behaviours, and their implications on play and care-giving practices for families and in the infant care context will be covered. Students will also learn appropriate behaviour guidance and interaction strategies for this age group of children that are informed by observations and documentations.

GED1102 Child Safety, Health & Socioemotional Wellbeing

This module introduces policies and practices for establishing and maintaining a safe and healthy learning environment for educators and children in the early childhood settings as they relate to the socio-emotional wellbeing of children. Students will understand the importance of nutritional adequacy and balanced meals for children's optimal growth. They will learn to identify early childhood illnesses and symptoms, and engage in hygienic practices and being able to observe for signs of child abuse and addressing them professionally. Clinical practice will be included for students to learn how to manage the day-to-day care routines and transitions for children from infancy to the preschool years.

GED1103 Aesthetics & Creative Expression

This module introduces students to an array of visual and performing arts and exposures for the appreciation of the creative art forms. In addition, students will be introduced to progressive theories on Arts education to build firm foundations on the key roles the Arts play within early years settings. Theories related to aesthetic and creativity will also be introduced. Students will learn multiple approaches to engage young children in creative-arts expressions that are aesthetically rich and imaginative. Through both theory and experiential sessions, students will encounter the Arts first hand and will design Arts experiences that are developmentally appropriate, meaningful and informed by practice.

GED1201 Child Development 2

This module introduces the major theories in child development and their implications on practices in child-rearing and early care and education. The joint contributions of biology and environment to the various aspects of child development will be explored. Students will deepen their understanding of the holistic development of children through observation, recording and analysis of children's physical, cognitive, social and emotional growth and development. This understanding will help the student link theory to practice and guide the planning of learning experiences and techniques for behaviour guidance. The six learning domains of the Nurturing Early Learners Framework will also be discussed.

GED1202 Language & Literacy

This module introduces students to the theoretical and philosophical underpinnings of literacy development from birth to six years of age including trends and issues within a multicultural and multilingual society. Students will learn to design, organise and evaluate literacy-rich environment that helps facilitate language development; identify suitable prints and other media for reading activities to develop in young children an appreciation for a variety of children's literature. Students will also plan experiences for diverse learners, facilitate learning using appropriate techniques, assess children's progress and work with families to enhance children's language and literacy development towards school readiness.

GED1203 The Professional & Reflective Practitioner

This module explores the various roles of an early childhood educator in working with children, families, other professionals and agencies in the community. A range of professional issues will be examined, including stages of professional development, practitioner competencies, continuing education, advocacy and personal growth plans which are aligned with the current early childhood landscape in Singapore. Students will learn communication and reflective skills and how to manage ethical issues in relation to working with children, colleagues and families taking reference from the Code of Ethics for Early Childhood Professionals by AECES, Students will also be equipped to understand self and reflect on personal preferences and style; interpersonal skills and to enhance personal effectiveness through self-mentoring.

GED1205 Principles & Practices in Early Education

This module provides students with an overview of the historical development of early childhood care and education (ECCE), pedagogical principles and contemporary perspectives. Students will also gain an understanding of the different models of practices internationally including the Rights of the Child (UN-CRC) and how they relate to Singapore. ECCE development in the Singapore landscape, policies (of MSF, MOE and ECDA), curriculum frameworks like the Early Years Development Framework and the Nurturing Early Learners: A Curriculum Framework for Kindergartens in Singapore (NEL Framework), as well as SPARK certification that guide provisions of quality care and education and key stage outcomes will also be included. Play that is central to trends and research in ECCE will be explored in the context of how developmentally, culturally and individually appropriate it is as a mode for learning in young children from infancy to the preschool vears.

GED2000 Practicum 2

This practicum is for students to relate to practical aspects of working with children from three plus to six years of age in early childhood settings. Besides taking on teacher-assistant roles, the focus will be on setting up or reviewing the learning corners, engagement and facilitation in small group play and activities, as well as large/whole group teaching. Students will learn to plan a series of structured and unstructured sequential learning experiences for children according to the topic/theme of the practicum centre. The interests, needs and abilities of the group of children, the use of the environment and classroom management are considerations for planning. An integrated approach to the design and implementation of learning experiences that supports the six learning domains of the NEL Framework with the aim of enhancing and challenging children's desire to explore, experiment and discover in a safe environment will be emphasised. Students will also engage in reflective writing on their roles as a professional early educator and their interactions with children.

GED2101 Effective Learning Environment for Young Children

This module equips students with the principles to design conducive learning environments to support play and learning for children from birth to six-years of age, noting that the conditions in the environment also affect their behaviour. Students will also learn to set up appropriate learning areas to enhance the physical, cognitive and social and emotional development of children. The selection of print and non-print materials, use of technology and the role of the educator will also be covered.

GED2102 Discovery of the World

This module provides an overview of how young children make sense of the world they live in and how they acquire knowledge and concepts. The scope of Science, environment awareness, technology in everyday life and learning, the Social Sciences, and culture and heritage, for children's inquiry will also be covered. Students will learn to use the Constructivist approach to teaching, engage in field exploration and setting up discovery corners. Teaching techniques that support inquiry and independent learning in children will be covered. In addition, developmentally and culturally appropriate learning goals and experiences for children from birth to six years of age will be addressed.

GED2103 Motor Skills Development

This module equips students with the knowledge and skills to help young children develop perceptual, fine motor and fundamental movement skills consisting of locomotor, non-locomotor and object control skills in a safe environment. Students will learn to observe, plan, implement and facilitate fun, meaningful and age appropriate indoor and outdoor play activities and fundamental movement experiences using an integrated approach to learning.

GED2104 Early Numeracy

This module examines the theoretical framework which underpins young children's learning of mathematics. Students will be introduced to the principles, knowledge and skills required to plan, implement and evaluate learning experiences that lay the foundations for children to become problem solvers and abstract thinkers. Students will learn to choose developmentally appropriate materials and resources, set up mathematically-rich environment, use teaching techniques to nurture children's mathematical thinking and assess their learning. The use of technology and integration of numeracy in the other learning domains will also be emphasised.

GED2201 Curriculum Planning & Implementation

This module provides students with the knowledge and skills for planning, implementing and evaluating developmentally appropriate curriculum for children from birth to three and from three plus to six years of age. Students will take reference from the Early Years Development Framework and the NEL Framework to explore the scope and process of integrating learning areas and learning dispositions. Philosophies and beliefs and theoretical underpinnings of how children learn and develop that are fundamental to the meaning of curriculum will be discussed. The supporting environment, the types of learning activities, the role of the educator and different facilitation techniques will also be thoughtfully considered.

GED2202 Socio-Emotional Learning

This module equips students with the theoretical knowledge and pedagogical skills to nurture social-emotional competencies and positive values necessary for character formation in young children. It also addresses the role of teachers, in modelling good character traits, in helping children develop self-awareness and self-management skills for their emotional well-being as well as social competence to build strong interpersonal relationships. Students will also take reference from the six learning dispositions (PRAISE) and use children's picture books to promote positive values, pro-social behaviour, understanding of self and others and integrate social emotional learning across the curriculum.

GED2203 Working with the Exceptional Child

This module introduces students to various exceptional needs in young children including physical, cognitive, behavioural, emotional and sensory characteristics that make them different. Trends and issues in relation to inclusive practices and policies will be covered. Students will learn about their roles in an inclusive learning environment, design of individualised learning plans and communication with families. Students will also explore community resources and professionals that provide support for children with additional needs.

GED2204 Family & Community Partnership

This module equips students with the knowledge of family structure and dynamics in Singapore and skills for working and communicating with families, with the understanding of interdependence between schools and families. Various models of family involvement will be explored with a focus on schools working respectfully with diverse family groups and tapping on community resources for the education of young children.

GED3000 Student Internship Programme

The Internship Programme, with professional practitioners acting as mentors, enable students to acquire the work experience needed for their chosen areas of interest. The organisations involved are selected for their capacity to allow students to learn different aspects of work in the early childhood industry. The students' learning outcomes are assessed by their respective internship mentors and NIEC supervisors. Students could also work closely with staff in the early childhood centres on projects that will benefit children, families and the community.

GEM1008 Introduction to Gerontology

This subject introduces you to the theoretical perspectives and approaches to the study of ageing from various disciplines. It will examine the causes and consequences of ageing at the level of individuals and populations. This involves investigating the social, physical and mental changes humans undergo as they age, as well as the impact of the elderly population on social, economic and political institutions.

GEM1009 Introduction to Sociology

This subject introduces you to the key theoretical perspectives in Sociology. Through these theories, you will examine current and emerging social phenomena. From the systematic study of different social structures e.g. family, work, social control, gender and ethnicity, you will be able to apply sociological concepts to help you explain social life in societies.

GEM1011 Applied Social Research

This subject provides a general understanding of the theory and practice of social science research and presents science as a powerful method of human thinking. The focus is to provide you with the necessary information to understand the importance of research in the field of social science and its applications to various settings. You will learn a systematic way of thinking and knowledge discovery known as scientific inquiry.

GEM1012 Programme Planning

This subject provides a foundation in programmes conceptualisation, development and production, covering topics such as programme design, programme management, programme evaluation and budgeting, as well as staging of programmes.

GEM1190 Geragogy

This subject covers the theories, concepts, influences and methods for facilitating teaching and learning for older adults. It also considers the perspectives of older adults on the learning experience. The subject has a focus on person-centred approaches and considers readiness, motivation, orientation, context and setting. Lifelong learning and its relationship to quality of life and life satisfaction is also considered.

GEM1191 Stakeholder & Community Relations

This subject covers the importance of and key strategies for engaging with stakeholders and the public, in particular for the health, social service, and community sectors, along with social purpose entities. The various trends, drivers and technologies in understanding, informing and influencing key constituencies to maximise social impact are explored.

GEM1192 Managing Adult Life Transitions

This subject addresses issues relating to mid to later adult life stage transitions, notably from full time work to part-time work or full retirement. The concepts of the quality of life and transitions theory are also examined to understand how individuals respond to change. The implications of employment and financial planning for longevity are fully discussed. Social constructs, individual choice, and psychological preparedness are considered in view of various life events such as career/work change, downsizing, reconciliation to physical ageing, loss, and retirement.

GEM2000 Sociology of Ageing

This subject provides a sociological perspective on the process and experience of human ageing in modern society, while adopting a context-based approach that employs case studies. Topics include the demographic and political impact of ageing societies, historical and cultural perspectives on ageing, and the major theoretical approaches to the study of ageing. Various social policies and institutions that affect ageing will also be examined. These include social policies on health care, housing, retirement, death, living environments and social support for the aged.

GEM2004 Ageing & Illness

This subject provides perspectives and issues relating to illness and growing old. Topics include avoidable illness, health concerns, ageing organ systems, principles of drug therapy, unique aspects of illness presentation, medical ethics, legal issues, community networking, and active maturing.

GEM2013 Psychology of Ageing

This subject provides insights into geropsychological concepts and theories relating to the adult's adaption to the third and fourth age. Issues relating to the ageing population, improved longevity, and the changing psychological needs and capabilities of older people are examined.

GEM2017 Marketing to Older Adults

This subject considers the changing age composition of the 'mature' market in response to the ageing population. The content examines the older consumer, general trends and issues, and features of the main segments within the market.

GEM2018 Community Development with Older Adults

The subject will provide an understanding of the principles and approaches to community development and how these can be applied to work with older adults to address some of their major challenges. You will be introduced to the methodologies and skills of participatory development that will enable them to engage older adults in ways that harnesses their potential.

GEM2019 Physical Activities & Wellness for Older Adults

The subject examines the structural, physiological, psychological, and functional changes occurring during late adulthood and their implications on the planning, implementation and evaluation of exercise programmes for this age group. You will develop an understanding of the exercise needs of older persons and learn basic fitness programmes that are age appropriate.

GEM2022 Gender Issues in Later Life

The various gender-based issues surrounding elderly men and women will be explored. This subject will examine the impact of ageing on the gender identity and roles of an ageing person. Special attention will be directed to the gender gap in longevity, emerging psychological and physiological issues, the impact of social change on gender relations in families, socioeconomic issues among ageing men and women, and the influence of social policy.

GEM2190 Silver Leisure & Lifestyle

This subject examines the varying lifestyles of and leisure activities undertaken by the silver population. It focuses on how their evolving profile, characteristics and demographic interacts with current and emerging trends and drives demand for various leisure activities and impacts on supporting industries. Content also includes associations between participation patterns in leisure activities, key types of activities undertaken, social relationships, psychological wellbeing and activities that best contribute to the determinants of active ageing.

GEM2191 Coaching & Case Management

This subject introduces the principles of coaching and case management to assess needs and evaluate options, services and programmes required to meet individual specific needs. Multidisciplinary approaches are introduced and the subject examines social, cultural and psychological perspectives and appropriate strategies to achieve goals and empower the older adult.

GEM2192 Public Health & Ageing

The subject will introduce the key areas of study under public health, with a focus on current and emerging global health challenges impacting older populations across developed and developing countries. Topics will examine patterns, causes and effects of health and diseases in older populations, analyse the efficiency of healthcare services and delivery, and understand the interconnectedness of health of the developed and developing world.

GEM3011 Contemporary Issues in Ageing Societies

This subject will examine current issues that are evident in ageing societies around the world. You will gain an understanding of the transformations and challenges faced by ageing individuals and the state. The subject will also examine the on-going debates on individual and societal responses to ageing issues. You will also learn about the ageing trends in both developed and developing countries.

GEM3190 Health Promotion & Active Ageing

This subject examines current health promotion practices which enable individuals, carers and the community to manage their health. Theoretical underpinnings of the approaches to health promotion are explored along with the development of programmes incorporating practical examples. Special attention is given to how such practices and approaches support active ageing.

GEM3191 Administration for Purpose Driven Organisations

This subject teaches the fundamental skills required in junior executive roles in purpose driven entities, especially those in the ageing sector. This also involves examining demonstrated strategies to achieve sustainability in various organisational types such as non-profits, social enterprises and profit-with-a-purpose companies. Topics cover volunteer management and retention, cross sector collaboration, measuring social impact, client centric values, fundraising, resource mobilisation, risk management, and social innovation.

GEM3192 Research Project

This subject allows students to explore an area of interest and to integrate learning acquired from a range of subjects across the diploma. The project will focus on an identified problem and/or issue and the proposed solutions. Students complete the project from the proposal development phase, to the literature review and synthesis of the literature to the final presentation.

GGS1002 Global Studies

This subject provides essential skills and knowledge to prepare you for an overseas experience. You will examine the elements of culture and learn the key principles of cross-cultural communication. In addition, you will gain an appreciation and awareness of the political, economic, technological and social landscape to function effectively in a global environment.

GGS1003 Managing Diversity at Work

This subject explores the concepts of identity, diversity and inclusion at the workplace. It examines the relationship between identity and diversity, the benefits and challenges of diversity and the strategies that promote inclusion and inspire collaboration in a diverse workplace. Examples of the elements of diversity covered in this subject include nationality, generation, ethnicity and gender. A one week residential stay is mandatory for this subject.

GGS1004 Global Citizenship & Community Development

Students will examine the meaning and responsibilities of being a Global Citizen, in order to contribute towards a more equitable and sustainable world. In addition, students will learn how sustainable solutions can support community development, and, execute and critique a community action plan that addresses the needs of a specific community/cause.

GGS1005 Expressions of Culture

This subject provides a platform for an understanding of culture and heritage through modes of expression. Students will be introduced to global and local cultures via everyday objects, places and human behaviour seen through time and space. Students will explore issues and challenges in culture and heritage sustainability in community, national and global contexts.

GIN1001 Innovation & Entrepreneurship

The Innovation & Entrepreneurship subject is designed for learners from all disciplines to embrace innovation in either their specialised fields or beyond. You will first learn the Design Thinking framework, where you will develop problem statements and ideate solutions. Next, you will discover the tools for prototyping and innovation, such as 3D printing and laser cutting, at TP's Makerspace+ facility. Finally, you will acquire commercial awareness through the LEAN Startup framework of idea crystallisation, prototype building, customer testing and validation, refinement of business model canvas, and crowdfunding or crowdsourcing avenues.

GIP3003 / GIP3005 Student Internship Programme

This internship programme is a 12-week attachment to relevant organisations that will enable you to link and practise your learning with the real world. You will have opportunities to handle real problems and issues, and apply the concepts and skills that you have acquired in the course of your study.

GMP3001 Major Project

The major project is intended to complete your training by providing a real-world experience to integrate and apply your knowledge in a practical learning situation. Besides research, design and project management skills, the emphasis will also be on innovation, creativity, teamwork and enterprise.

GPS1001 Foundation Psychology

This subject provides you with an overall perspective and understanding of psychology as a scientific study of mental processes and human behaviour. Fundamental concepts, theories and methodology in the study of psychology will be explored to enhance your understanding of the biological, cognitive and social bases of behaviour.

GPS1007 Survey & Qualitative Research Methods

This subject builds upon your foundational understanding of statistical concepts and data analysis methods. It equips you with the knowledge, skills and techniques, as well as hands-on experience in the conduct of empirical and qualitative research in psychology and the social sciences.

GPS1010 General Psychology

This subject provides you with an introductory perspective and understanding of psychology as a scientific study of mental processes and human behaviour. Fundamental concepts and theories in the study of psychology will be explored to enhance your understanding of the internal and external bases of human behaviour.

GPS1015 Introduction to Educational Psychology

This subject provides you with an overview of psychological principles related to teaching, learning and cognition in the context of education. You will learn about how different classroom management techniques and instructional pedagogies can be applied to enhance the learning environment and facilitate human growth and development in educational settings.

GPS1018 Issues, Trends & Collaboration in Early Childhood Intervention

This subject provides you with an overview of inclusive practices (including theories, issues, trends and research – internationally and within Asia). In particular, the subject aims to provide you with an overview of current and local focus on the need to maximise the potential of all children in Singapore to minimise the effects of their special needs in the long run and how this can be accomplished through collaboration with family and community resources.

GPS1020 Introduction to Social Services

This subject provides you with a broad introduction to the social services sector in Singapore, including the special needs education sector. You will be introduced to the social services landscape including the key agencies in the sector, as well as the issues and challenges faced within this sector.

GPS1021 Introduction to Research Methods & Statistics

This subject aims to provide you with an overview of research methodology and statistical tools in the social sciences. This will include an introduction to the enterprise of scientific research, research ethics, and also rudimentary research methods and statistical concepts, in order to prepare students for more advanced research methods subjects.

GPS1022 Introduction to Special Needs Education

This subject provides you with an introduction to the range of special needs and types of disabilities encountered in the special needs education sector. It equips you with foundational understanding necessary to build towards higher-order skillsets in the areas of classroom management and the development of interventions for people with special needs.

GPS1190 General Psychology

This subject explores core areas of psychology and aims to provide students with a fundamental understanding of psychology as the scientific study of human behaviour and mental processes. Basic concepts and theories in psychology will be explored to enhance students' understanding of major psychological issues and the impact on everyday life.

GPS2001 Experimental Design & Statistics

This subject equips you to address more complex research questions using an expanded range of research designs and statistical techniques. You will be given opportunities to apply knowledge, skills and techniques and employ statistical software to analyse and interpret data from a range of psychological experiments.

GPS2005 Social Psychology

This subject is about the scientific study of the interactions between people and the social contexts they live in. Through exploring real-world social events and situations, you will gain a deeper appreciation of how people's thoughts, emotions and behaviours are influenced by other people.

GPS2007 Developmental Psychology

This subject examines theories and methodologies covered in developmental psychology. You will explore and gain a deeper understanding of how people change at each developmental phase as a result of interaction between innate factors and external experiences.

GPS2010 Health Psychology

This subject examines the impact of mental, emotional and behavioural factors that affect the onset, duration, recovery and prevention of physical illnesses. You will also learn to analyse health and disease issues using psychological principles and techniques in the context of an interrelated and diverse world.

GPS2014 Contemporary Issues in Psychology

This subject involves seminars and workshops conducted for deeper study and inquiry into special topics exploring the application of psychology in specific settings such as personal, social and organisational settings. Supervised by staff or guest lecturers who are experts in their fields, the subject is designed to encourage research as well as the intensive study of specific topics and areas that could vary depending on resources and expertise.

GPS2016 Child Psychology

This subject focuses on the major issues related to the physical, cognitive and psychosocial development of a child. You will gain knowledge and understanding of why children think and behave the way they do, as well as apply theoretical understanding on nurturing the development of young children.

GPS2017 Cognitive Psychology

This subject explores two main thematic areas of human information processing, namely, perception and cognition. You will explore topics such as sensory perception, attention, learning and memory, knowledge structure, language, judgment and decision making in order to enhance your understanding of how human beings perceive and process information.

GPS2018 Classroom Management & Strategies in Early Childhood Interventions

This subject provides you with fundamental knowledge on how to create and organise the environment to promote physical, intellectual, emotional and social development of children with special needs. You will also explore strategies for communication with these children for effective teaching in a classroom setting, as well as for management and guidance of children's behaviour.

GPS2021 Counselling Psychology

This subject aims to provide an introduction to the field of counselling psychology. You will learn about the fundamentals of counselling and discuss the theoretical perspectives that guide the work of counselling psychologists. You will also explore contemporary issues that influence the counselling profession, including ethics, assessment and working with diversity, and to learn about special approaches and settings for counsellors.

GPS2024 Group Work: Processes & Facilitation

This subject equips you with the knowledge and skillsets necessary to develop and carry out group work sessions in the context of the social service sector.

GPS2025 Applied Psychology Project A (Survey Design)

Psychology is not just a theoretical subject. It holds valuable and practical applications across a wide range of personal, interpersonal and professional settings. This subject allows you to apply previously learnt psychological techniques and research skills in a survey research project to better understand individuals in an applied setting.

GPS2026 Classroom Management & Strategies in Special Needs Education

This subject presents you with an overview of the types of teaching and intervention approaches in managing people with different types of special needs. It also explores teaching strategies to support learners with various special education needs.

GPS2027 Assessments & Interventions in Special Needs Education

This subject covers the different types of assessments, and guidelines for their use in the context of special needs education. The subject also explores different programming strategies and interventions to support learners with various special needs.

GPS3003 Abnormal Psychology

This subject explores concepts and issues surrounding abnormal behaviour and illnesses. You will explore major theories on how physiology, cognition, developmental, social and other issues influence behaviour. You will also be provided with an overview of intervention methodologies and techniques commonly used in the treatment of maladaptive behaviours and psychological disorders.

GPS3007 Psychology of the Exceptional Child

This subject covers insight into understanding and working with exceptional children, as well as challenging pre-existing conceptions of these children. You will be introduced to various exceptional needs including cognitive, behavioural, emotional and physical disabilities. Holistic methods for creating an inclusive learning environment to meet the needs of exceptional learners in the early childhood special education field will also be introduced. You will also learn and discuss the possible strategies to working with their families and collaborating with professionals in the field.

GPS3009 Assessment, Evaluation & Programming in Early Childhood Intervention

This subject helps you to make effective and timely observations for assessment of learning during the early years as well as appraisal of children's behaviour. You will be introduced to assessment strategies, as well as approaches in programme planning, implementation and evaluation.

GPS3012 Evidence-Based Strategies in Special Needs Education

This subject will provide you with the opportunity to apply evidence-based strategies in developing appropriate interventions, training or educational materials in special needs education. You will work with an actual industry partner to meet a specific industry need in the special needs sector.

GPS3013 Industrial & Organisational Psychology

This subject provides you with opportunities to apply psychological knowledge, research methods and intervention strategies within industrial and organisational settings. You will explore both the theoretical and practical aspects of personnel and organisational psychology. Learn about how psychology can help people become more effective at the workplace.

GPS3014 Community Psychology

This subject helps you understand the ecological interaction between individual, group, organisational, community and societal factors and their effect on the health and affective well-being of all members of a community. It will also introduce you to the theories and paradigms of research and action, promotion of psychological resilience and prevention of mental health problems, based on community psychology perspectives.

GPS3015 Deviant Behaviour & Rehabilitation

This subject focuses on raising awareness of the theoretical, psychological and developmental perspectives on deviant behaviour. In addition, it examines the psychological factors that relate to crime on a general level, specific offences and also specific offender and victim groups. You will learn to evaluate the contribution of psychology to the explanation of deviant behaviour in a multi-disciplinary framework. You will also gain an understanding of the Singapore prisons and rehabilitation system.

GPS3016 Applied Psychology Project B (Experimental Design)

This subject builds on skills and experience gained from earlier project work-related subjects. More opportunities will be provided for you to explore the various fields in psychology and apply psychological knowledge in greater depth. You will be required to conduct an experimental research project from a range of relevant topics.

GXA3001 2D & 3D Art

This subject introduces students to the concept and practice of two and three dimensional representation and expression. In depth studio practice and art critique sessions will allow student the opportunity to acquire sound understanding of the use of art concepts and medium in effective and expressive representation. Additionally, meaningful art making plays and important role in promoting intellectual and emotional development in children and as such, pedagogical issues of facilitating artistic and aesthetic growth for the early years will be addressed.

GXA3002 Digital & New Media

This subject will expose students to the foundation of digital and new media practices. Through a combination of studio practice and theory, learners will use new media technologies to develop insights and competencies in expression and representation. Linkages to early year's classroom practice will be made.

GXA3003 Book Illustration & Design for Children

The emphasis of this subject is on the practice and understanding of design and illustration techniques for children's books. In this subject, students will learn the art of children books design across time and culture in addition, students will have the opportunities to explore and use various classical and contemporary design language, and illustration techniques to unpack the relationship between text and images. Students will be required to develop a series of illustrated works that culminates in a group 'showcase' at the conclusion of the course.

GXN3004 Classroom Management & Strategies in Early Childhood Intervention

This subject presents an overview of the teaching and intervention approaches in working with children with different types of special needs. Students will also explore various teaching strategies to support, specific types of special needs children in the preschool setting. Beyond the theoretical aspects, students will also have targeted opportunities to participate in field observations and/or case studies analysis.

GXN3005 Early Intervention & the Inclusive Curriculum

This subject aims to provide students with fundamental knowledge on how to create and organise the early year's environment to promote physical, intellectual, emotional and social development of children with special needs. Students will have the opportunity to design, implement and evaluate various approaches and strategies of teaching special needs children alongside mainstream learners in an inclusive classroom setting. Both theoretical and practical experiences will form the basis of learning for this subject.

GXT3006 Transcultural Issues & Practices in Early Childhood

This subject examines early childhood care and education (ECCE) approaches, practices and issues in various parts of the world. It includes global trends and educational issues; early years pedagogical models and approaches, policies, philosophies and practices. This subject aims to help students to differentiate between local and global early childhood education, approaches, practices and issues and to appreciate the characteristics of quality early childhood care and education programmes for young children locally and globally. Chief of all, to allow students the opportunity to contextualise global priorities in ECCE within the Singapore context.

LEA1011/1012/1013 Leadership: Essential Attributes & Practice (LEAP)

LEAP 1, 2 and 3 are three fundamental subjects that seek to cultivate in you, the attitude, skills and knowledge for the development of your leadership competencies. This character-based leadership programme enables you to develop your life-skills through establishing personal core values, which will become the foundation for your leadership credibility and influence.

LSW1002 Sports & Wellness

This subject will help you develop both the physical and technical skills in your chosen sports or fitness activities. Through a structured curriculum that facilitates group participation, practice sessions and mini competitions, you will learn to build lifelong skills such as resilience, leadership, communication and teamwork. Physical activity sessions will be supplemented by health-related topics to provide you with a holistic approach to healthy living.

MCR1001/MCR1002/MCR1003 Career Readiness

This Career Readiness programme comprises three core subjects – Personal Management, Career Preparation and Career Management. It seeks to help you understand your career interests, values, personality and skills for career success. It also equips you with the necessary skills for seeking and securing jobs, and to develop professional work ethics.

TGL1001 Guided Learning

The subject introduces students to the concepts and process of self-directed learning in a chosen area of inquiry. The process focusses on four stages: planning, performing, monitoring and reflecting. Students get to plan their individual learning project, refine and execute the learning plan, as well as monitor and reflect on their learning progress and project. The learning will be captured and showcased through a curated portfolio. The self-directed learning project will broaden and/or deepen a student's knowledge and skills.