

Indicative List of EC Electives Offered at Ngee Ann Polytechnic (NP) and Temasek Polytechnic (TP)

NP	TP
<p>Assessment of Young Children This module provides an overview of the skills and techniques to identifying and assessing learning, behavioural, psycho-social and communication needs in young children with special needs or those who are at risk of developing learning and behavioral challenges. Students will be introduced to an array of assessment tools to help them understand children and be able to develop appropriate Individual Education Plan (IEP) goals. The cycle of assessing, planning, implementing, monitoring, reflecting and reassessing will be addressed.</p> <p>Childhood Disabilities & Disorders In this module, students will learn about the genetic and ecological risk factors contributing to different types of disabilities. Definitions and presenting symptoms of disabilities including physical, sensory, intellectual and learning disabilities are discussed. Typical child development and how characteristics of the children with disabilities impact on their overall development will also be examined.</p> <p>Early Intervention & Teaching Approaches This module introduces students to the development of the Individualised Educational Plan (IEP) – a systematic plan that describes and prescribes the learning needs for the exceptional child. Students will also be introduced to a variety of activity-based strategies to help children with special needs develop language, literacy, social and functional skills as well as methods to manage their behaviours.</p> <p>Assessment & Differentiated Instructions This module builds on the understanding of diverse family circumstances children come from. It then provides an overview of the skills and techniques to identify, assess and support learning, behavioural, psycho-social and communication needs in young children who are at risk of developing learning and behavioural</p>	<p>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.</p> <p>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.</p> <p>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</p>

<p>challenges. Using the linked system of assessment, planning, implementation, monitoring and evaluation; students will be introduced to an array of assessment tools and the approaches involved in differentiating instructions to address specific needs of children in a pre-school setting.</p> <p>Capstone Project This module brings the students through the experience of developing, implementing and presenting an EC-related project which is intended to improve teaching practice and / or benefit the community. The project will allow students to demonstrate interdisciplinary knowledge, investigative skills and their character traits and values. Students will learn to write project proposals, make decisions, solve problems and think critically.</p> <p>Children's Literature This module introduces students to children's literature and how it has reflected cultural, social and ideological change. Students will examine the ways in which the child has been depicted in literature, learn to appreciate and critique different genre of children's books and be able to select age-appropriate books for young children. A study of children's television and drama is included.</p> <p>Drama for Pre-school Education This module develops students' critical thinking, imagination and creative expressions; discover and value themselves, seek novel experiences and be open to new ideas. Students will learn to plan and implement drama experiences for young children to guide them in developing confidence, empathy, appropriate communication, good oratory and literacy skills.</p> <p>Issues & Trends in Early Intervention This module introduces students to the field of early intervention (special needs) in both inclusive and specialised settings for children from birth to 8 years. Students will examine the definitions, approaches and the inter- and multi-disciplinary services of early intervention in Singapore and internationally. Different theoretical perspectives, trends and latest developments will be examined. Policies and advocacy will be discussed and students will</p>	<p>develop insights and competencies in expression and representation. Linkages to early year's classroom practice will be made.</p> <p>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.</p> <p>Early Intervention & the Inclusive Curriculum This subject aims to provide students with fundamental knowledge on how to create and organize 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.</p> <p>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</p>
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<p>explore issues related to suitable placements for young children with special needs.</p> <p>Music & Dance for Young Children This module equips students with the essential pedagogical knowledge and practical skills relevant to the various aspects of music and dance experiences for young children. Students will learn to plan and facilitate activity-based lessons that include music and dance, aural skills, sight singing, body movements, playing with rhythm and beats through the use of various musical instruments.</p> <p>Teaching Literacy to Diverse Learners This module builds on the knowledge gained in Language and Literacy and prepares students to apply effective instructional methods for the teaching of reading, writing and speaking English. The module also addresses the needs of diverse learners in terms of their abilities, cultural, racial and linguistic differences, and considers the linguistic development of learners from differing backgrounds. Differentiated strategies will be introduced to cater for learners' varying needs and addressing issues in language acquisition. Creative planning with an amalgamation of language arts techniques in the area of music and movement, storytelling, dramatic arts and children's literature, and the employment of technology in literacy teaching will be included, to cater for the diverse needs of these learners.</p>	<p>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.</p>
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