

## Recommended Study Plan for Full-time Students

**1 year for coursework route, 1.5 years for dissertation route**

Year 1, Jan Sem	Year 1, Aug Sem	Year 2, Jan Sem	
CORE (4AU) MSL901: Foundations in Science of Learning	CORE (4AU) MSL907: Translating Educational Neuroscience		
CORE (4AU) MSL902: Science of Learning Research Methods	CORE (4AU) MSL908: Brain, Behaviour, Cognition		
ELECTIVE (4AU) See course listing	<b>Coursework route:</b> ELECTIVE (4AU) (See course listing) + Integrative Project (2AU)		
ELECTIVE (4AU) See course listing	<b>Dissertation route:</b> Dissertation (6AU)		<b>Dissertation route:</b> Dissertation
Sem total: 16AU	Sem total: 14AU		<b>TOTAL: 30 AU</b>

Note: All courses are blended. Face-to-face classes are offered only on weekday evenings 6-9 pm (NIE or LKCMed venues) with up to 50% online component (synchronous or asynchronous) depending on course and instructor.

## Recommended Study Plans for Part-time Students

**Plan A: Student takes 2 courses per semester; Duration of study: 2 years for coursework route, 2.5 years for dissertation route**

Year 1, Jan Sem	Year 1, Aug Sem	Year 2, Jan Sem	Year 2, Aug Sem	Year 3, Jan Sem
CORE (4AU) MSL901: Foundations in Science of Learning	CORE (4AU) MSL908: Brain, Behaviour, Cognition	CORE (4AU) MSL902: Science of Learning Research Methods	CORE (4AU) MSL907: Translating Educational Neuroscience	
ELECTIVE (4AU) See course listing	ELECTIVE (4AU) See course listing	<b>Coursework route:</b> ELECTIVE (4AU) See course listing	<b>Coursework route:</b> Integrative Project (2AU)  <b>Dissertation route:</b> Dissertation (6AU)	
Sem total: 8AU	Sem total: 8AU	Sem total: 8AU or 4AU	Sem total: 6AU or 10 AU	<b>TOTAL: 30AU</b>

**Plan B: Student takes 2 courses per semester; Duration of study: 2 years for coursework route, 2.5 years for dissertation route**

Year 1, Jan Sem	Year 1, Aug Sem	Year 2, Jan Sem	Year 2, Aug Sem	Year 3, Jan Sem
CORE (4AU) MSL901: Foundations in Science of Learning	CORE (4AU) MSL907: Translating Educational Neuroscience	ELECTIVE (4AU) See course listing	<b>Coursework route:</b> ELECTIVE (4AU) (See course listing) + Integrative Project (2AU)  <b>Dissertation route:</b> Dissertation (6AU)	<b>Dissertation route:</b> Dissertation
CORE (4AU) MSL902: Science of Learning Research Methods	CORE (4AU) MSL908: Brain, Behaviour, Cognition	ELECTIVE (4AU) See course listing		
Sem total: 8AU	Sem total: 8AU	Sem total: 8AU	Sem total: 6AU	<b>TOTAL: 30AU</b>

The difference between part-time Plan A and Plan B is that required core courses are distributed across two years for Plan A but are front-loaded (finished in 1<sup>st</sup> year) in Plan B.

**Plan C: Student takes 1 course per semester; Duration of study: 3.5 years for coursework route, 4 years for dissertation route**

*(Duration of study can be shortened if student takes 2 courses in some semesters)*

Year 1, Jan Sem	Year 1, Aug Sem	Year 2, Jan Sem	Year 2, Aug Sem	Year 3, Jan Sem	Year 3, Aug Sem	Year 4, Jan Sem	Year 4, Aug Sem
CORE (4AU) MSL901: Foundations in Science of Learning	CORE (4AU) MSL907: Translating Educational Neuroscience	CORE (4AU) MSL902: Science of Learning Research Methods	CORE (4AU) MSL908: Brain, Behaviour, Cognition	ELECTIVE (4AU) See course listing	ELECTIVE (4AU) See course listing	<b>Coursework route:</b> ELECTIVE (4AU) (See course listing) + Integrative Project (2AU)  <b>Dissertation route:</b> Dissertation (6AU)	<b>Dissertation route:</b> Dissertation
Sem total: 4AU	Sem total: 4AU	Sem total: 4AU	Sem total: 4AU	Sem total: 4AU	Sem total: 4AU	Sem total: 6AU	<b>TOTAL: 30 AU</b>

Note: All courses are blended. Face-to-face classes are offered only on weekday evenings 6-9 pm (NIE or LKCMed) with up to 50% online component (synchronous or asynchronous) depending on course and instructor.

### **Alternative Study Plans**

Please consult the program leader, Dr Farhan Ali, should you be proposing other study plans.

## Course listing

### Core courses (semester to be offered subject to changes)

MSL901: Foundations in Science of Learning (Jan semester)

MSL902: Science of Learning Research Methods (Jan semester)

MSL907: Translating Educational Neuroscience (Aug semester)

MSL908: Brain, Behaviour, Cognition (Aug semester)

MSL909: Integrative Project (for coursework route only) (Jan and Aug semesters)

### Electives (semester to be offered, subject to changes)

MSL903: Learning Analytics for Science of Learning (Jan semester)

MSL904: Educational Neuroscience: Principles, Perspectives, Practices (Jan semester)

MSL905: Science of Learning: Rethinking Assessment (Aug semester)

MSL906: Education at the Intersection of Artificial Intelligence and Neuroscience (Aug semester)

MSL students have the option to take an open elective from Master of Education (Learning Sciences and Technologies), Master of Arts (Instructional Design and Technology), Master of Arts (Professional Education) or Master of Teaching or other NIE Master's degree programs. Check respective programme webpages for course descriptions. Before the start of each semester, students will receive a course timetable of all NIE courses that students can select from. Each MSL student can take a maximum of 1 open elective. MSL students can also opt to take only electives from the MSL programme as listed above.