

An indicative timetable for a first year LIS student

Please note this timetable is for illustrative purposes only and is subject to change.

	Process	Term 1	Term 2	Term 3		
Real-world Problem The Disciplines (40%) Research Methods (60%)		Weeks 1 - 5 Introduction to problem-based learning	Weeks 6 - 10 Problem 1 (group work): Social issues (E.g. Knife Crime)	Weeks 1 - 10 Problem 2 (group work): Sustainability	Week 1 Review and preparation for student project	Weeks 2 - 7 Individual project work
	Students will deep dive on multiple disciplines across the arts, sciences and humanities (repeated cycles of 2-3 weeks): <ul style="list-style-type: none"> • Define • Curate & learn • Project review • Knowledge synthesis 	<ul style="list-style-type: none"> • Problem related to public health • Teamworking • Project management • Introduction to mental models and superconcepts • Introduction to interdisciplinary thinking 	Two disciplines from non-cognate areas: E.g. Law & Psychology, Statistics & Anthropology	Four disciplines: <ul style="list-style-type: none"> • 2 Compulsory • 2 Optional E.g. Ecology, Chemistry, Sustainability, Economics	<ul style="list-style-type: none"> • Review of complex real-world problem areas • Review of methods covered in year 1 • Case-studies and pointers on how to use these methods in student projects 	<ul style="list-style-type: none"> • 1:1 tutorials • Supervised workshops/ studio/ computer lab time for support on application of methods • Crits to represent work and get peer feedback • Week 7: submission of final portfolio
	Quantitative Methods Students will study a range of quantitative methods to assist in the real-world problems.	<ul style="list-style-type: none"> • The Scientific Method and experimental design - in the lab and in industry • Probabilistic thinking, statistics and estimation techniques • Introduction to machine learning 	<ul style="list-style-type: none"> • Basic coding in Python • Introduction to concepts for data science: algebra and functions • Evolutionary thinking: foundational methods in the natural and human sciences 			
	Qualitative Methods Students will study a range of qualitative methods to assist in the real-world problems.	<ul style="list-style-type: none"> • Videography & Photography • Essay writing • Research Skills • Introduction to Systems Thinking 	<ul style="list-style-type: none"> • Storytelling • Ethnography • Interview Techniques • Data Analysis for Qualitative Methods 			