

**TIMETABLE FOR SEMESTER I, 2017/2018**

**LSM4254 – Principles of Taxonomy and Systematics**

**Module Coordinator: Prof Meier, Rudolf**

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**SEMINARS:** FRIDAYS

**TIME:** 1000 – 1400 hrs

**VENUE:** LS Lab 7 @ S2 Level 3

WK	MONTH		LECTURES / PRACTICALS / TUTORIALS
			FRIDAYS
1.	Aug	18	<u>Session 1</u> : Introduction, Importance of Systematics for biology
2.		25	<u>Session 2</u> : Specimen Sorting
3.	Sep	1	Holiday
4.		2	<u>Saturday Session 3</u> : 10am-5pm: Specimen sorting via next-generation barcodes
5.		8	<u>Session 4</u> : Nomenclature, Ranking, Types
6.		15	<u>Session 5</u> : Species richness estimation
7.		22	<u>No Session</u> (replaced by Saturday sequencing session)
<i>Recess Week: Sat 23 Sep – Sun 1 Oct 2017 (1 week)</i>			
8.	Oct	6	<u>Session 6</u> : Species concepts: why do they matter? Biological, Hennigian, Evolutionary, Phylogenetic Species Concepts
9.		13	<u>Session 7</u> : Phylogenetic Species Concepts (cont'd)
10.		20	<u>Session 8</u> : Homology in morphology and character coding
11.		27	<u>Session 9</u> : Homology in DNA sequences and character coding
12.	Nov	3	<u>Session 10</u> : Phylogenetics: Optimality Criteria Distance, Parsimony, ML
13.		10	<u>Session 11</u> : Phylogenetics: Working with Trees: Phylogenetic Diversity
14.		17	<u>Session 12</u> : Student presentations of species websites
<b>READING PERIOD: Sat 18 Nov to Fri 24 Nov 2017 (1 week)</b>			
<b>EXAMINATION: Thursday, 7 December 2017, 5pm</b>			
<b>VACATION: Sun 10 Dec 2017 to Sun 14 Jan 2018 (5 weeks)</b>			

Other Module Coordinator(s): na