

Simulating Language Class schedule

LECTURES: 14:10-15:00
7 Bristol Square Lecture Theatre 1

LABS: 14:10-15:00 & 15:10-16:00 & 16:10-17:00 (depending on lab group)
DSB 1.16

Course Organiser and Lecturer: Simon Kirby (simon@ling.ed.ac.uk)
Lab demonstrators: Bill Thompson (bill@ling.ed.ac.uk) and Matt Spike (matspike@gmail.com)

| Week | Monday | Thursday | Friday |
|------|--|--|--|
| 1 | Lecture 1 Introduction | Lab 1 Python basics | Lecture 2 Modelling innate signalling |
| 2 | Lab 2 Signalling | <i>Catch-up lab (optional)</i> | Lecture 3 Evolving innate signalling systems |
| 3 | Lab 3 Signalling in populations | Lab 4 Evolving signalling | Lecture 4 Evolving optimal signalling |
| 4 | <i>Catch-up lab (optional)</i> | Lecture 5 From evolution to learning | Lab 5 Learned signalling |
| 5 | Lecture 6 Learning bias | Lab 6 Learning bias | <i>Catch-up lab (optional)</i> |
| ILW | <i>No class</i> | <i>No class</i> | <i>No class</i> |
| 6 | Lecture 7 Cultural evolution by iterated learning | Lab 7 Iterated learning | Lecture 8 Learning bias considered |
| 7 | Lecture 9 Adding context | Lab 8 Cross-situational learning | Lecture 10 The limits of cross-situational learning |
| 8 | Lecture 11 Syntax | Lecture 12 Iterated Bayesian Learning | Lab 9 Iterated Bayesian Learning |
| 9 | Lecture 13 Population Iterated Bayesian Learning | Lab 10 Extending Iterated Bayesian Learning | Lecture 14 The evolution of learning bias |

1st assignment available for download: February 11th

1st assignment deadline: **February 25th**

1st assignment feedback available: March 18th

2nd assignment available for download: March 25th

2nd assignment deadline: **April 8th**

2nd assignment feedback available: April 29th