**Course timetable**

| **Date** | **AM Activity** | **PM Activity** |
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| Tuesday 21 July | Travel to Antofagasta | 17:00 Welcome and ice breaker (Instituto de Antofagasta) |
| Wednesday 22 July | 9:00 Introduction to course & speakers. Introduction to Journal club –outline of mini-group project  9:30 Introduction to course delegates (short presentation of 5 minutes per person)  10:30 Lecture 1: Theory of stable isotope analysis | 12:00 - 13:00 Lunch  13:00 - 18:00 Data practical 1: Preparation of stable isotope data for analysis  Laboratory practical 1: Sample collection and preparation.  Coffee break 15:30 - 16:00 |
| Thursday 23 July | 9:00 Lecture 2: Biogeochemical and geographical drivers of isotopic variation  10:30 Lecture 3: Individual drivers of isotopic variation | 12:00 - 13:00 Lunch  13:00 Data practical 2: Statistical analysis of isotopic variation between individuals and groups  15:30 - 16:00 Coffee break  16:00 - 18:00 Data Practical 3: Going from isotope data to ecological information 1 (estimating trophic position) |
| Friday 24 July | 9:00 Lecture 4: Using stable isotopes to understand consumer diet and habitat use I  10:30 Lecture 5: Using stable isotopes to understand consumer diet and habitat use II | 12:00 - 13:00 Lunch  13:00 Data Practical 4: Simple mixing models  15:30 - 16:00 Coffee break  16:00 - 18:00 Data Practical 5: More complex mixing models: SIAR |
| Saturday 25 July | 9:00 Lecture 6: Putting it all together – tips (and pitfalls) for writing an isotope ecology paper  10:00 Journal Club: IsoGroup presentations – Groups present their critical reviews of key isotope ecology papers | 12:00 - 13:00 Lunch  13:00 Data Practical 6: More complex mixing models: MixSIAR  15:30 - 16:00 Coffee break  16:00 - 18:00 Data Practical 7: Estimating isotopic niche width with SIBER |
| Sunday 26 July | 9:00 Show us your data: interactive workshop on student isotope data | 12:00 - 13:00 Lunch  13:00 Show us your data 2: interactive workshop on student isotope data  15:30 - 16:00 Coffee break  18:00 Course ends! |