**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 project9:30 Introduction to course delegates (short presentation of 5 minutes per person)10:30 Lecture 1: Theory of stable isotope analysis | 12:00 - 13:00 Lunch13:00 - 18:00 Data practical 1: Preparation of stable isotope data for analysisLaboratory 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 variation10:30 Lecture 3: Individual drivers of isotopic variation | 12:00 - 13:00 Lunch13:00 Data practical 2: Statistical analysis of isotopic variation between individuals and groups15:30 - 16:00 Coffee break16:00 - 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 I10:30 Lecture 5: Using stable isotopes to understand consumer diet and habitat use II | 12:00 - 13:00 Lunch13:00 Data Practical 4: Simple mixing models 15:30 - 16:00 Coffee break16:00 - 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 paper10:00 Journal Club: IsoGroup presentations – Groups present their critical reviews of key isotope ecology papers | 12:00 - 13:00 Lunch13:00 Data Practical 6: More complex mixing models: MixSIAR 15:30 - 16:00 Coffee break16:00 - 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 Lunch13:00 Show us your data 2: interactive workshop on student isotope data15:30 - 16:00 Coffee break18:00 Course ends! |