

Tentative Schedule  
Dates: December 3th - 14th, 2018

**Monday, 3 December 2018**

09:30 - 11:00 Registration, Administrative and Financial formalities  
11:00 - 12:30 Introduction and Open Science 1 (Marcela Alfaro Córdoba) Class  
12:30 - 13:30 Lunch  
13:30 - 17:30 The Unix Shell (SW Carpentry - Filipe Fernandes) Lab  
15:00 - 15:30 Coffee break  
15:30 - 17:30 The Unix Shell (SW Carpentry - Filipe Fernandes) Lab

**Tuesday, 4 December 2018**

9:30 - 11:00 Version Control with Git (SW Carpentry - Filipe Fernandes) Lab  
11:00 - 11:30 Coffee break  
11:30 - 12:30 Version Control with Git (SW Carpentry - Filipe Fernandes) Lab  
12:30 - 13:30 Lunch  
13:30 - 15:00 Introduction to R (SW Carpentry - TBD) Lab  
15:00 - 15:30 Coffee break  
15:30 - 17:30 Introduction to R (SW Carpentry - TBD) Lab

**Wednesday, 5 December 2018**

09:30 - 11:00 Introduction to R (SW Carpentry - TBD) Lab  
11:00 - 11:30 Coffee break  
11:30 - 12:30 Introduction to R (SW Carpentry - TBD) Lab  
12:30 - 13:30 Lunch  
13:30 - 15:00 Introduction to R (SW Carpentry - TBD) Lab  
15:00 - 15:30 Coffee break  
15:30 - 17:30 Introduction to R (SW Carpentry - TBD) Lab

**Thursday, 6 December 2018**

09:30 - 11:00 Data Visualisation (Bill Sherman) Lab  
11:00 - 11:30 Coffee break  
01:30 - 12:30 Data Visualisation (Bill Sherman) Lab  
12:30 - 13:30 Lunch  
03:30 - 15:00 Data Visualisation (Bill Sherman) Lab  
15:00 - 15:30 Coffee break  
15:30 - 17:30 Data Visualisation (Bill Sherman) Lab

**Friday, 7 December 2018**

9:30 - 11:00 Research Data Management (Steve Diggs) Class  
11:00 - 11:30 Coffee break  
11:30 - 12:30 Research Data Management (Steve Diggs) Class

12:30 - 13:30 Lunch  
13:30 - 15:00 Research Data Management (Steve Diggs) Lab  
15:00 - 15:30 Coffee break  
15:30 - 17:30 Research Data Management (Steve Diggs) Class

**Monday, 10 December 2018**

9:30 - 11:00 CODATA-RDA intro session (Marcela Alfaro Córdoba/Rob Quick) Class  
11:00 - 11:30 Coffee break  
11:30 - 12:30 Open Science 2 (Marcela Alfaro Córdoba) Class  
12:30 - 13:30 Lunch  
13:30 - 15:00 Information Security (Raphael C  be/Rob Quick) Class + Lab  
15:00 - 15:30 Coffee break  
15:30 - 17:30 Information Security(Raphael C  be/Rob Quick) Class + Lab

**Tuesday, 11 December 2018**

09:30 - 11:00 Overview of Machine Learning (Raphael C  be) Lab  
11:00 - 11:30 Coffee break  
11:30 - 12:30 Overview of Machine Learning (Raphael C  be) Lab  
12:30 - 13:30 Lunch  
13:30 - 15:00 Overview of Machine Learning (Raphael C  be) Lab  
15:00 - 15:30 Coffee break  
15:30 - 17:30 Overview of Machine Learning (Raphael C  be) Lab

**Wednesday, 12 December 2018**

09:30 - 11:00 Artificial Neural Networks (Raphael C  be) Lab  
11:00 - 11:30 Coffee break  
01:30 - 12:30 Artificial Neural Networks (Raphael C  be) Lab  
12:30 - 13:30 Lunch  
13:30 - 15:00 Artificial Neural Networks (Raphael C  be) Lab  
15:00 - 15:30 Coffee break  
15:30 - 17:30 Artificial Neural Networks (Raphael C  be) Lab

**Thursday, 13 December 2018**

9:30 - 11:00 Research Computational Infrastructure (Rob Quick) Lab  
11:00 - 11:30 Coffee break  
11:30 - 12:30 Research Computational Infrastructure (Rob Quick) Lab  
12:30 - 13:30 Lunch  
13:30 - 15:00 Research Computational Infrastructure (Rob Quick) Lab  
15:00 - 15:30 Coffee break  
15:30 - 17:30 Research Computational Infrastructure (Rob Quick) Lab

**Friday, 14 December 2018**

9:30 - 11:00 Research Computational Infrastructure (Rob Quick) Lab  
11:00 - 11:30 Coffee break  
11:30 - 12:30 Research Computational Infrastructure (Rob Quick) Lab  
12:30 - 13:30 Workshop wrapup (Rob Quick) Class

**Lecturers:**

- **Marcela Alfaro** (Universidad de Costa Rica, Costa Rica)
- **Raphael Cobe** (NCC, Brazil)
- **Steve Diggs** (University of California, USA)
- **Filipe Fernandes** (USP & Software Carpentry, Brazil)
- **Robert E Quick** (Indiana University, USA)
- **William Sherman** (Indiana University, USA)

**Tutors:**

- **Debora Drucker** (Embrapa, Brazil)
- **Juliano van Melis** (Faculdade de Ciências da Saúde de São Paulo, Brazil)
- **Jose López** (Universidad Nacional de Costa Rica, Costa Rica)