

Faculty of Geosciences
Sense making of GPS Data in a GIS Environment
08.07.2024 – 12.07.2024 – DRAFT PLANNING

Course Director: *Dr. Tom de Jong*

E-mail: t.dejong@uu.nl

Location: Vening Meinesz A building (VMA) GIS zaal, room 1.14, Princetonlaan 8a, 3584 CB Utrecht

Week 1

Saturday and Sunday, 06/07/2024 and 07/07/2024		
Time	Activity	Description
12:00-18:00	Key pick up	<i>More information about the key pick up in the pre-departure information, which becomes available after you have paid the course fee.</i>

Monday, 08/07/2024		
Time	Activity	Description
09.30 – 10.00	Course registration	Vening Meinesz A building (VMA), room 1.14
10.00 – 11.30	Lecture	Introduction to the course: Introduction to GPS & GIS; Import of GPS data, Simple Visualization; Tracks & Base Maps
11.30 – 13.00	Supervised Fieldwork	GPS data collection
13.00 – 14.00	Lunch	<i>Bring your own lunch</i>
14.00 – 15.30	Practical	Fieldwork Importing and Visualization of GPS data
15.30 – 16.30	Guest Lecture	TBD
16.30 – 17.00	Question Time	Interactive session
17.00 – 19.00	Unsupervised Practical	Catchup Daily Exercises
17.00 – 24.00	Unsupervised Fieldwork	GPS data collection

Tuesday, 09/07/2024		
Time	Activity	Description
09.00 – 10.00	Review	Review of student work
10.00 – 11.00	Lecture	Advanced Visualization of GPS data with ArcMap Tracking Analyst & ArcMap Time Tool
11.00 – 12.00	Practical	Advanced Visualization of GPS data with ArcMap Tracking Analyst & ArcMap Time Tool
12.00 – 13.00	Lunch	<i>Bring your own lunch</i>
13.00 – 14.00	Practical	Advanced Visualization of GPS data with ArcMap Tracking Analyst & ArcMap Time Tool
14.00 – 15.00	Guest Lecture	TBD
15.00 – 16.30	Practical	Advanced Visualization of GPS data with ArcMap Tracking Analyst & ArcMap Time Tool
16.30 – 19.30	Unsupervised Practical	Catchup Daily Exercises
19.30	<i>Social Programme</i>	<i>Please check the website (www.utrechtsummerschool.nl)</i>

In black: compulsory

In blue: optional (free)

In green: optional (additional costs; registration through the Utrecht Summer School website)

Wednesday, 10/07/2024

Time	Activity	Description
09.00 – 10.00	Review	Review of student work
10.00 – 11.00	Lecture	Identifying 'Stop' Locations with Simple Spatial Cluster Analysis, Characterization of moves with proximity and overlay techniques
11.00 – 12.00	Guest Lecture	TBD
12.00 – 13.00	Lunch	<i>Bring your own lunch</i>
13.00 – 16.30	Practical	Identifying 'Stop' Locations with Simple Spatial Cluster Analysis, Characterization of moves with proximity and overlay techniques
16.30 – 19.00	Unsupervised Practical	Catchup Daily Exercises
16.30 – 18.30	<i>Social Programme: Opening Ceremony Utrecht Summer School</i>	<i>Location: Centraal Museum Utrecht Please check the website (www.utrechtsummerschool.nl)</i>

Thursday, 11/07/2024

Time	Activity	Description
09.00 – 10.00	Review	Review of student work
10.00 – 11.00	Lecture	Route reconstruction
11.00 – 12.00	Guest Lecture	TBD
12.00 – 13.00	Lunch	<i>Bring your own lunch</i>
13.00 – 16.30	Practical	Route reconstruction
16.30 – 19.00	Practical	Missing Maps session (Free Pizza included!)
19.30	<i>Social Programme</i>	<i>Please check the website (www.utrechtsummerschool.nl)</i>

Friday, 12/07/2024

Time	Activity	Description
09.00 – 10.00	Review	Review of student work
10.00 – 12.00	Practical	Catch Up and group discussion of student data/research
12.00 – 13.00	Lunch, formal closure, and certificates	Offered by the faculty of Geosciences
13.00 – 16.00	Practical	Continuation Catch Up and individual discussion of student data/research

In black: compulsory

In blue: optional (free)

In green: optional (additional costs; registration through the Utrecht Summer School website)