

Week	Date	Time	Topic	Assignment	Lecturer in charge
1	2022-01-17	13:15-15:00	Transport planning – 4 step procedure		Jiaming Wu & Kun Gao
	2022-01-17	15:15-17:00	Discrete choice mode-mixed logit model		Kun Gao
	2022-01-20	08:00-09:45	Advanced traffic assignment		Kun Gao
	2022-01-20	10:00-11:45	Transport planning – Tutorial		Kun Gao
	2022-01-21	15:15-17:00	Invited lecture		Invited speaker
2	2022-01-24	13:15-15:00	Transportation planning project – description & software	Project 1	Kun Gao
	2022-01-24	15:15-17:00	VISUM user manual and an example demonstration		Kun Gao
	2022-01-27	08:00-09:45	Project time		Kun Gao
	2022-01-27	10:00-11:45	Project time		Kun Gao
	2022-01-28	15:15-17:00	Transportation planning project consultation		Kun Gao
3	2022-01-31	13:15-15:00	Signalized intersection Part I: Basic concepts		Jiaming Wu
	2022-01-31	15:15-17:00	Signalized intersection Part II: Optimization		Jiaming Wu
	2022-02-03	08:00-09:45	Fundamental diagram and shockwave theory		Jiaming Wu
	2022-02-03	10:00-11:45	Shockwave theory applications		Jiaming Wu
	2022-02-04	15:15-17:00	Shockwave theory - Tutorial		Jiaming Wu
4	2022-02-07	13:15-15:00	Invited lecture on shockwave theory		Invited speaker
	2022-02-07	15:15-17:00	Queue model – M/M/1 system		Jiaming Wu
	2022-02-10	08:00-09:45	Queue model - Tutorial I		Ziling Zeng
	2022-02-10	10:00-11:45	Queue model – M/M/n system	Project 1 due	Jiaming Wu
	2022-02-11	15:15-17:00	Queue model - Tutorial II		Ziling Zeng
5	2022-02-14	13:15-15:00	Shortest path finding problem		Jiaming Wu
	2022-02-14	15:15-17:00	Shortest path finding algorithms		Jiaming Wu
	2022-02-17	08:00-09:45	Vehicle routing problem (VRP)		Jiaming Wu
	2022-02-17	10:00-11:45	Vehicle routing algorithms		Jiaming Wu
	2022-02-18	15:15-17:00	Shortest path finding and VRP tutorial		Ziling Zeng
6	2022-02-21	13:15-15:00	Project two description	Project 2	Jiaming Wu
	2022-02-21	15:15-17:00	R coding basics		Jiaming Wu
	2022-02-24	08:00-09:45	Gurobi basics		Jiaming Wu

	2022-02-24	10:00-11:45	Case examples		Jiaming Wu
	2022-02-25	15:15-17:00	Project time		Jiaming Wu
7	2022-02-28	13:15-15:00	Project two consultation (on campus, SB-L400)		Jiaming Wu
	2022-02-28	15:15-17:00	Project time		Jiaming Wu
	2022-03-03	08:00-09:45	Project time and Q&A time (on campus, SB-L400)		Jiaming Wu
	2022-03-03	10:00-11:45	Q&A time (on campus, SB-L400)		Jiaming Wu & Kun Gao
	2022-03-04	15:15-17:00	Q&A time (on campus, SB-L400)		Jiaming Wu & Kun Gao
8	2022-03-07	13:30-16:30	Exam		
	2022-03-10			Project 2 due	