



**Schedule for (SCTP) Advanced Professional Certificate in AI and Urban Intelligence for Future Cities- Cohort 1 (Part Time)**

Updated: 1 July 2025

Day	Date	Module	Session	Lesson Title	F2F NTU or (NTU@ one-North)	Online Zoom	Mode of Delivery
<b>Module 1</b>							
Friday	14-Nov-25	M1	S1	Programme Launch	9am to 2pm		F2F
Friday	14-Nov-25	M1	S3	Foundations of Personal Leadership (Part 1)	2pm - 5pm		F2F
Thursday	20-Nov-25	M1	S3	Foundations of Personal Leadership (Part 2)	7pm - 10pm		F2F
Friday	21-Nov-25	M1	S4	Leading with Intelligence	9am to 4pm		F2F
Saturday	22-Nov-25	M1	S5	Journey-led Application (Include Assessment)	9am to 6pm		F2F
Thursday	27-Nov-25	M1	S2	NTU PACE Career Advisory Sharing		7pm - 10pm	Virtual
<b>Module 2</b>							
Friday	28-Nov-25	M2	S6 & S7	Why, How & What of Intelligent Urban Environments (Part 1)		7pm - 10pm	Virtual
Saturday	29-Nov-25	M2	S8	Why, How & What of Intelligent Urban Environments (Part 2)		9am to 1pm	Virtual
Monday	8-Dec-25	M2	S9 & S10	The Building Blocks of Intelligent Urban Environments (Part 1)		7pm - 10pm	Virtual
Tuesday	9-Dec-25	M2	S11	The Building Blocks of Intelligent Urban Environments (Part 2) + Speaker		7pm - 10pm	Virtual
Wednesday	10-Dec-25	M6	S50	Capstone (Urban Intelligence) Briefing		7pm - 10pm	F2F
Thursday	11-Dec-25	M2	S12, S13 & S14	Digital Transformation of Urban Planning + Speakers	9am to 12pm		F2F
Thursday	11-Dec-25	M2	S15	Assessment	1pm to 2pm		Virtual
Thursday	11-Dec-25	M2	S16	Site Visit: URA Singapore Smart City Gallery	2pm to 6pm		F2F
<b>Module 3</b>							
Monday	15-Dec-25	M3	S17	Energy Transition: Intelligent Grids, Renewable & Building Energy Systems Energy Transition: Intelligent Grids, Renewable & Building Energy Systems (Part 2) Invited Speaker: Smart Grid & Building Energy Systems Invited Speaker: Intelligent Building Platform		6.30pm - 10pm	Virtual
Tuesday	16-Dec-25	M3	S18, S19 & S20	Invited Speaker: Smart Data Center Cooling & Optimisation		6.30pm - 10pm	Virtual
Wednesday	17-Dec-25	M6	S51	Capstone: Project check-in/ Group discussion		7pm - 10pm	Virtual
<b>25-Dec-25 PUBLIC HOLIDAY</b>							
<b>1-Jan-26 PUBLIC HOLIDAY</b>							
Monday	5-Jan-26			NTU PACE Career Session		7pm - 9pm	Virtual
Wednesday	7-Jan-26	M3	S21 & S22	Cyber and Physical Security for Intelligent Urban Environments (Part 1) + Speaker		7pm - 10pm	Virtual
Thursday	8-Jan-26	M3	S23 & S24	Cyber and Physical Security for Intelligent Urban Environments (Part 2) + Speakers		7pm - 10pm	Virtual
Friday	9-Jan-26	M3	S25 - S26	Shaping Smart Cities, Transforming Urban Infrastructures + Speakers	9am to 12pm		F2F
Friday	9-Jan-26	M3	S27	Assessment	1pm to 2pm		Virtual
Friday	9-Jan-26	M3	S28	Site Visit: JTC/GovTech - Punggol Digital District (PDD)	2pm to 6pm		F2F
Wednesday	14-Jan-26	M6	S52	Capstone: Project check-in/ Group discussion		7pm - 10pm	Virtual
<b>Module 4</b>							
Thursday	15-Jan-26	M4	S29	Smart Urban: Robotics, Modular Construction & Virtual Reality (Part 1)		7pm - 10pm	Virtual
Friday	16-Jan-26	M4	S30 & S31	Smart Urban: Robotics, Modular Construction & Virtual Reality (Part 2)		6.30pm - 10pm	Virtual
Saturday	17-Jan-26	M6	S53	Capstone: Project check-in/ Group discussion		9am to 12pm	Virtual
Wednesday	21-Jan-26	M4	S32	Redefining Urban Services with AI (Part 1) Redefining Urban Services with AI (Part 2) Invited Speaker: Singapore Largest District Cooling, Optimisation & Cooling as a Service		6.30pm - 10pm	Virtual
Thursday	22-Jan-26	M4	S33 & S34	Invited Speaker: Intelligent Lift & Elevator Systems: Revolutionizing Vertical Mobility		7pm - 10pm	Virtual
Friday	23-Jan-26	M4	S35	Smart Solutions for Urban Management Invited Speaker: Smart Building Facility Bot	9am to 10.30am		F2F
Friday	23-Jan-26	M4	S36 & S37	Invited Speaker: Sustain Synergy - Continuous Commissioning & Optimization	10.30am to 1pm		F2F
Friday	23-Jan-26	M4	S38	Assessment	2pm to 3pm		F2F
Friday	23-Jan-26	M4	S39	Site Visit: CapitaLand Smart Urban Innovation Hub	3pm to 6pm		F2F
<b>Module 5</b>							
Saturday	24-Jan-26	M5	S40 & S41	Shaping Tomorrow's Cities: Intelligent Building Technologies Invited Speaker: Future of Workspaces	9am to 12pm		F2F
Saturday	24-Jan-26	M5	S42	Site Visit: Johnson Controls' Net Zero Building as a Service	1pm to 5pm		F2F
Thursday	29-Jan-26	M6	S54	Capstone: Project check-in/ Group discussion		7pm - 10pm	Virtual
Wednesday	4-Feb-26	M5	S43 & S44	Reimagining Urban Services: Lighting, Drones & Mobility (Part 1) Invited Speaker: Smart & Dynamic Street Lighting		7pm - 10pm	Virtual
Thursday	5-Feb-26	M5	S45	Reimagining Urban Services: Lighting, Drones & Mobility (Part 2) The Future of Urban Planning & Net Zero Cities + Speaker		7pm - 10pm	Virtual
Friday	6-Feb-26	M5	S46 - S47	Invited Speaker: Future of Smart Retail	9am to 12pm		F2F
Friday	6-Feb-26	M5	S48	Assessment	1pm to 2pm		F2F
Friday	6-Feb-26	M5	S49	Case Studies : Net Zero Cities of the Future 2050	2pm to 6pm		F2F
<b>Module 6</b>							
<b>17-Feb-26 PUBLIC HOLIDAY</b>							
<b>18-Feb-26 PUBLIC HOLIDAY</b>							
Monday	23-Feb-26			NTU PACE Career Session	7pm - 9pm		F2F
Saturday	28-Feb-26	M6	S55	Capstone Presentation	9am to 6pm		F2F

• NTU reserves the right to change the date, mode/venue of lesson or cancel class due to unforeseen circumstances