

2025/2026學年第二學期書單

Booklist for 2nd Semester of Academic Year 2025/2026

學院 Faculty：應用科學學院 Faculty of Applied Sciences

課程 Programme：環境智能碩士學位課程 Master of Science in Environmental Intelligence

年級 Year	學科單元 Learning Module	班別編號 Class Code	教師 Instructor	書名(* = 參考書) Book Title (* = Reference Book)	版本 Edition	出版社 Publisher	作者 Author	備註 / ISBN Remark / ISBN
1	Principles of Environmental Science	COMP6166	Mao Jia	* Environmental Science (Asia Edition)	17e / 2025	Cengage Learning	G. Tyler Miller, Scott Spoolman	9789815243178
				* Environmental Science for a Changing World (Digital Update)	4e / 2024	W. H. Freeman	Susan Karr, Anne Houtman, Jeneen Interlandl	9781319546861
	Selected Topics in Environmental Intelligence	COMP6165	Mao Jia	* Artificial Intelligence Methods in the Environmental Sciences	1e / 2009	Springer	Sue Ellen Haupt, Valliappa Lakshmanan	9781402091179
				* Introduction to Artificial Intelligence	3e / 2025	Springer	Wolfgang Ertel	9783658431013
				* Artificial Intelligence and Environmental Sustainability	1e / 2022	Springer	Hui Lin Ong, Ruey-an Doong, Raouf Naguib, Chee Peng Lim, Atulya K. Nagar	9789811914331
				* Artificial Intelligence: A Modern Approach	4e / 2021	Pearson Education	Stuart Russell, Peter Norvig	9781292401133
	Smart City Remote Sensing	COMP6164	Gu Yefu	* Introductory digital image processing : a remote sensing perspective	4e / 2015	Pearson Education	Jensen, J. R.	9780134058160
				Remote Sensing in Hydrology and Water Management	1e / 2000	Springer	Schultz, G. A., & Engman, E. T.	9783642640360
				Global Urban Monitoring and Assessment through Earth Observation	1e / 2014	CRC Press	Weng, Q.	9780367867621
	Ecosystems and Global Change	COMP6167	Gu Yefu	Ecological Climatology: Concepts and Applications	3e / 2016	Cambridge University Press	Bonan, G. B.	9781107619050
				* Climate Change and Terrestrial Ecosystem Modeling	1e / 2019	Cambridge University Press	Bonan, G. B.	9781107619074