



● **For Joint Master Program:**

➤ **Credits and Courses of Southeast University:**

Course Type	Course Code	Course Name	Lecture hours	Credits (SEU)	Credits (Monash)	Semester	Final exam	Remarks
A. Public Basic Courses	S000301	Theoretical and Practical Studies on Socialism with Chinese Characteristics	36	2		1	Written test	Required for Chinese Students only
	S000151	English for Master's Degree (specialized English included)	72	4		1	Written test	
B. Disciplinary Compulsory Courses	S021144	Highway Design Principles and Methods	54	3	6	1	Written test	For all the students
	S021900	Professional Lectures	54	3	6	1	Written test	
	S021907	Road Traffic Safety	54	3	6	1	Written test	
	S000302	Introduction to Natural Dialectics	18	1		1	Written test	
C. Highway Engineering Courses	S021104	Principles and Design Methods of Pavement	54	3	6	1	Written test	For Students Major in Highway Engineering only
	S021201	Advanced Soil Mechanics	54	3	6	1	Written test	
	S021912	Advanced Pavement Materials	54	3	6	1	Written test	
D. Transport Engineering Courses	S021901	Traffic Control and Management	54	3	6	1	Written test	For Students Major in Transport Engineering only
	S021902	Urban Transport Network Analysis	54	3	6	1	Written test	
	S021906	Freeway Management and Operations	54	3	6	1	Written test	
E. Compulsory	Practice training	This is usually a teaching practice, production practice (clinical practice) or social investigation. Students obtain the credits in terms of the practice training requirements claimed by the Education Steering Committee of the relevant disciplinary.						



parts	Attendance at humanity and scientific literacy lectures	It is required that Master students should attend humanity and scientific literacy lectures before the mid-term evaluation at least eight times. (1 credit totally)
	Participate in academic activities and academic paper writing	To participate in academic activities at least 2 times and write one academic paper. (1 credit totally)

➤ **Credits and Courses of Monash University:**

Course Type	Course Code	Course Name	Lecture hours	Credits (SEU)	Credits (Monash)	Semester	Final exam	Remarks
A. Disciplinary Compulsory Courses	S021903(CIV5319)	Quantitative methods for transportation systems analysis	54	3	6	2	Written test	compulsory
	S021904(CIV5321)	Sustainable transportation systems planning	54	3	6	2	Written test	
	S021909(CIV5406)	Modelling transportation systems	54	3	6	2	Written test	
B. Disciplinary Optional Courses	S021908(CIV5318)	Intelligent transportation systems: engineering and management	54	3	12	2	Written test	compulsory
	S021910(CIV5322)	Urban public transportation systems	54	3	6	2	Written test	
	S021911(CIV5320)	Case studies in transportation systems	54	3	12	3	Written test	