

MASTER OF TRANSPORTATION ENGINEERING (8580205)

Overview:

Tuition Fee: \$2000/2-years program taught in Vietnamese
\$5000/2-years program taught in English.

Dormitory Fee: From \$30/month.
Admission: June and December annually.
Study period: 18 – 24 months.
Study time: On Saturday and Sunday.

Introduce to the Program:

The purpose of the Master training program of the major Transportation Engineering is to research and develop logically the transportation system, ensure the socio-economic efficiency, protect the environment, and solve other current transportation issues.

Ton Duc Thang University refers to the Master training degree curricula of Hasselt University and adjusts some courses to suit Vietnamese features.

The lecturers are experienced in doing research and graduated from reputable Foreign Universities.

Program structure:

The program is divided into 3 large courses which are progressed in 3 semesters, as below:

- **1st Semester:** Students will study general and fundamental courses;
- **2nd Semester:** Students will study specialist courses;
- **3rd Semester:** Students prepare master's dissertation in 6 months.



ADDRESS

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Curriculum of Master program in Transportation Engineering:

Course Code	Course title	Credit	Theory	Practice Experiment Discussion
A. General Knowledge		13		
FL700000	English	10	10	0
SH700000	Philosophy	3	3	0
B. Fundamental and Specialist knowledge		32		
B.1 Selective mandatory courses				
Group 1				
CE702020	Transportation Systems & Transportation Policy	4	4	0
CE702010	Introduction to Transportation Research	4	4	0
CE702030	Behavioral Influence	4	4	0
Group 2				
CE702100	Traffic Flows	4	4	0
CE702120	Road Safety Evaluation: Methods and Application	4	4	0
CE702090	In-Depth Crash Investigation	4	4	0
B.2 Selective mandatory courses				
CE702030	Behavioral influence	4	4	0
CE702120	Road Safety Evaluation: Methods and Application	4	4	0
B.3 Selective courses (collect 20 credits)				
CE702040	Planning and Designing for Public transport network	4	4	0
CE702050	Sustainable Urban Transport Management	4	4	0
CE702060	Intelligent transportation Systems	4	4	0
CE702070	Study Visit & International Topics	4	4	0
CE702080	Traffic and Transportation Models	4	4	0
CE702090	In-Depth Crash Investigation	4	4	0
CE702110	Analytical Skills for Interpretation and Analysis of Travel Demand	4	4	0
CE702130	Internship	4	0	4
CE702140	Strategic Project Analysis	4	4	0
CE702150	Behavior	4	4	0
CE702160	Transport Infrastructure	4	4	0
CE702170	Transport Models	4	4	0
CE702180	Current topics	4	0	4
CE702190	Sustainable Transport Policy	4	4	0
CE702200	Methodology	4	4	0
C. Master thesis		15		
CE702000	Master's Thesis	15	15	0

