

APPENDIX 2
LIST OF MAJORS SUITABLE FOR THE MASTER’S PROGRAM

NO.	Major	Relevant major(s)	Related majors requiring bridging courses	Bridging course(s)
1	Teaching English to Speakers of Other Languages (TESOL) (8140111)	- English Language Teaching	- English Studies; - English Language; - English Linguistics and Literature; - British Literature.	- Educational Psychology (04 credits). Based on the undergraduate transcript or the certificate of bridging courses, the specialized faculty will determine the number of additional courses to be completed.
2	Applied Art (8210410)	- Applied Art; - Industrial Design; - Interior Design; - Graphic Design; - Fashion Design; - Art Design for Theatre and Cinema; - Or other majors not listed above, provided that their study program is at least 90% equivalent to the Applied Art study program of Ton Duc Thang University.	- Theory, History, and Art Analysis; - Painting; - Graphics; - Sculpture; - Ceramics; - Or other majors not listed above, provided that their study program is at least 60% equivalent to the Applied Art study program of Ton Duc Thang University.	- Design Thinking (02 credits); - Applied Design (02 credits). Based on the undergraduate transcript or the certificate of bridging courses, the specialized faculty will determine the number of additional courses to be completed.
3	Sociology (8310301)	- Sociology.	- Majors in the field of Social and Behavioral Sciences (excluding Sociology); - Majors in the field of Journalism and Information.	- Introduction to Sociology (02 credits); - Sociological Theory (02 credits); - Sociological Research Methods (02 credits). Based on the undergraduate transcript or the certificate of bridging courses,

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			<ul style="list-style-type: none"> - Majors in the fields of Natural Sciences, Engineering, and Foreign Languages, etc. 	<p>the specialized faculty will determine the number of additional courses to be completed.</p> <ul style="list-style-type: none"> - Introduction to Sociology (02 credits); - Sociological Theory (02 credits); - Quantitative Research Methods (02 credits); - Qualitative Research Methods (02 credits); - Data Processing and Analysis in Social Research (02 credits); - Qualitative Data Processing (02 credits). <p>Based on the undergraduate transcript or the certificate of bridging courses, the specialized faculty will determine the number of additional courses to be completed.</p>
4	Business Administration (8340101)	<ul style="list-style-type: none"> - Business Administration; - Marketing; - Real Estate; - International Business; - Commercial Business; - E-commerce; - Fashion and Textile Business; - Human Resource Management (HRM); -Or other majors not listed above, provided that their 	<ul style="list-style-type: none"> - Finance and Banking; - Insurance; - Accounting; - Auditing; - Management Science; - Public Administration; - Management Information Systems; - Office Administration; - Labour Relations; - Project Management; - Or other majors not listed above, 	<ul style="list-style-type: none"> - Microeconomics (03 credits); - Macroeconomics (03 credits); - Principles of Management (03 credits); - Principles of Marketing (03 credits); - Principles of Accounting (03 credits); - Statistics in Business and Economics (03 credits); - Company Law (02 credits) <p>Based on the undergraduate transcript or the certificate of bridging courses, the specialized faculty will determine</p>

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		study program is at least 90% equivalent to the Business Administration study program of Ton Duc Thang University.	<p>provided that their study program is at least 60% equivalent to the Business Administration study program of Ton Duc Thang University.</p> <ul style="list-style-type: none"> - Life Sciences; - Applied Biology; - Natural Sciences; - Mathematics and Statistics; - Engineering; - Manufacturing and Processing; - Architecture and Construction; - Agriculture, Forestry and Fisheries; - Health Sciences; - Social and Behavioral Sciences; - Law; - English Language; - French Language; - Chinese Language; - German Language; - Japanese Language; - Korean Language. 	<p>the number of additional courses to be completed.</p> <ul style="list-style-type: none"> - Mathematical Economics (03 credits); - Probability and Statistics (03 credits); - Microeconomics (03 credits); - Macroeconomics (03 credits); - Principles of Management (03 credits); - Principles of Marketing (03 credits); - Principles of Accounting (03 credits); - Statistics in Business and Economics (03 credits); - Company Law (02 credits). <p>Based on the undergraduate transcript or the certificate of bridging courses, the specialized faculty will determine the number of additional courses to be completed.</p>
5	Finance and Banking (8340201)	<ul style="list-style-type: none"> - Finance and Banking; - Insurance; - Or other majors not listed above, provided that their study program is at least 90% equivalent to the Finance and Banking study program of 	<ul style="list-style-type: none"> - Business Administration; - Marketing; - Real Estate; - International Business; - Commercial Business; - E-commerce; - Fashion and Textile Business; 	<ul style="list-style-type: none"> - Money and Capital Markets (03 credits); - Commercial Banking 1 (03 credits); - Business Finance (Financial Management) (03 credits). <p>Based on the undergraduate transcript or the certificate of bridging courses,</p>

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		Ton Duc Thang University.	<ul style="list-style-type: none"> - Accounting; - Auditing; - Management Science; - Public Management; - Human Resource Management; - Management Information System; - Office Management; - Labour Relations; - Project Management; - Or other majors not listed above, provided that their study program is at least 60% equivalent to the Finance and Banking study program of Ton Duc Thang University. 	the specialized faculty will determine the number of additional courses to be completed.
6	Accounting (8340301)	Group 1: <ul style="list-style-type: none"> - Accounting; - Auditing; - Accounting - Auditing 	Non-relevant majors (Group 2): Majors in the Business and Management field (code 734) (excluding the Accounting - Auditing field already listed in Group 1) - Non-relevant majors (Group 3): Other majors not included in Groups 1 and 2.	Bridging courses (group 2): <ul style="list-style-type: none"> - Principles of Accounting (03 credits); - Financial Accounting (03 credits) Based on the undergraduate transcript or the certificate of bridging courses, the specialized faculty will determine the number of additional courses to be completed. Bridging courses (group 3): <ul style="list-style-type: none"> - Microeconomics (03 credits); - Macroeconomics (03 credits); - Principles of Accounting (03 credits); - Financial Accounting (03 credits); - Management Accounting (03 credits)

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				Based on the undergraduate transcript or the certificate of bridging courses, the specialized faculty will determine the number of additional courses to be completed.
7	Economic Law (8380107)	<ul style="list-style-type: none"> - Law; - Business Law; - International Law; - Constitutional Law and Administrative Law; - Civil Law and Civil Procedure Law; - Criminal Law and Criminal Procedure; - Criminology and Crime Prevention; - State and Law Theory and History. 	<ul style="list-style-type: none"> - Educational Sciences and Teacher Education; - Art; - Humanities; - Social and Behavioral Sciences; - Journalism and Information; - Business and Administration; - Natural Sciences (Environmental Science); - Engineering Technology; - Engineering; - Manufacturing and Processing; - Architecture and Construction; - Agriculture, Forestry and Fishery; - Health Sciences (Healthcare Management); - Social Services; - Hotel, Tourism, Sports and Personal Services; - Transport Services; - Environmental Science and Protection; - Security and National Defense ... 	<ul style="list-style-type: none"> - Legal Methods and Skills (02 credits); - General Issues in Civil Law (2 credits); - Assets, Ownership and Inheritance (02 credits); - Company Law (02 credits); - Commercial Law (02 credits). <p>Based on the undergraduate transcript or the certificate of bridging courses, the specialized faculty will determine the number of additional courses to be completed.</p>

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			<p>Requirement: Applicants must have at least two years of work experience in administrative and legal affairs, starting from the date of university graduation until the application submission date.</p>	
8	Biotechnology (8420201)	<ul style="list-style-type: none"> - Biotechnology; - Biological Engineering; - Applied Biology; - Biology. 	<ul style="list-style-type: none"> - Biology Teacher Education. 	<ul style="list-style-type: none"> - New Trends in Biotechnology (02 credits); - Molecular Biology (02 credits). <p>Based on the Bachelor's degree transcript or the certificate of bridging courses, the specialized Faculty will determine the number of additional courses to be completed.</p>
			<ul style="list-style-type: none"> - Food and Aquaculture (Food Technology, Post-Harvest Technology, Quality Assurance and Food Safety); - Agriculture, Forestry, and Environmental Fields (Agriculture, Agronomy, Animal Science, Veterinary Science, Crop Science, Plant Protection, Agricultural Engineering Education); - Or other majors not listed above shall be proposed by the Faculty's Science and Training Council and submitted to the President for consideration and decision. 	<ul style="list-style-type: none"> - New Trends in Biotechnology (02 credits); - Molecular Biology (02 credits); - Microbiology (02 credits). <p>Based on the Bachelor's degree transcript or the certificate of bridging courses, the specialized Faculty will determine the number of additional courses to be completed.</p>

NO.	Major	Relevant major(s)	Related majors requiring bridging courses	Bridging course(s)
9	Applied Mathematics (8460112)	<ul style="list-style-type: none"> - Mathematics; - Applied Mathematics; - Mathematics and Mechanics; - Mathematics and Informatics; - Computational Science; - Data Science; - Statistics; - Mathematics Teacher Education; - Mathematics and Informatics Teacher Education; - Other majors that are not listed above will be considered and determined by the specialized faculty. 	<ul style="list-style-type: none"> - Mechanics; - Economic Mathematics; - Economic Statistics; - Physics; - Physics Teacher Education; - Computer Science; - Information Technology; - Informatics Teacher Education; - Or other majors not listed above, provided that their study program is at least 60% equivalent to the Applied Mathematics study program of Ton Duc Thang University. 	<ul style="list-style-type: none"> - Linear Algebra (02 credits); - Multivariable Calculus (02 credits); - Ordinary Differential Equations (2 credits); - Numerical Analysis (02 credits); - Functional Analysis (03 credits). <p>Based on the undergraduate transcript or the certificate of bridging courses, the specialized faculty will determine the number of additional courses to be completed.</p>
10	Computer Science (8480101)	<ul style="list-style-type: none"> - Computer Science; - Software Engineering; - Computer Networks and Data Communications; - Information Technology; - Informatics; - Other majors included in the group of Computer and Information Technology fields, as specified in the current official list of higher education majors issued by 	<ul style="list-style-type: none"> - Mathematics – Informatics; - Applied Mathematics; - Computational Science; - Data Science; - Other majors that include courses related to computer programming on the undergraduate transcript will be subject to determination by the specialized faculty. 	<ul style="list-style-type: none"> - Programming Methodology (03 credits); - Data Structures and Algorithms (03 credits); - Discrete Structures (03 credits); - Database Systems (03 credits). <p>Based on the undergraduate transcript or the certificate of bridging courses, the specialized faculty will determine the number of additional courses to be completed.</p>

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		the Ministry of Education and Training.		
11	Electrical Engineering (8520201)	<ul style="list-style-type: none"> - Electrical Engineering; - Power System Engineering; - Electrical - Electronics Engineering; - Industrial Electricity; - Technical Education (specializing in Electrical Engineering); - Automation and Control Engineering; - Refrigeration Engineering. 	<ul style="list-style-type: none"> - Energy Management; - Industrial Management; - Occupational Safety and Health; - Industrial Economy; - Telecommunications Engineering; - Electronics Engineering; - Mechatronics; - Production Automation; - Industrial Informatics (PFIEV); - Computer Engineering; - Information Technology; - Thermal Mechanics; - Infrastructure Engineering; - Or other majors not listed above, provided that their study program is at least 60% equivalent to the Electrical Engineering study program of Ton Duc Thang University. 	<ul style="list-style-type: none"> - Electrical Supply (03 credits); - Power System Plant and Protection (03 credits). <p>Based on the undergraduate transcript or the certificate of bridging courses, the specialized faculty will determine the number of additional courses to be completed.</p>
12	Communications Engineering (8520208)	<ul style="list-style-type: none"> - Communications Engineering; - Electronics and Communications Engineering; - Electronics and Telecommunications Engineering. 	<ul style="list-style-type: none"> - Automation and Control Engineering; - Electrical Engineering; - Electronics Engineering; - Electrical and Electronics Engineering; - Mechatronics Engineering; - Computer Engineering; 	<ul style="list-style-type: none"> - Analog and Digital Communications (03 credits); - Digital Signal Processing (03 credits); - Data Networking (03 credits). <p>Based on the undergraduate transcript or the certificate of bridging courses, the specialized faculty will determine the number of additional courses to be</p>

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			<ul style="list-style-type: none"> - Communications and Computer Network; - Information Systems; - Information Technology; - Power System Engineering. 	completed.
13	Automation and Control Engineering (8520216)	<ul style="list-style-type: none"> - Automation and Control Engineering; - Automation and Control Engineering Technology; - Technical Education (specializing in Automation Engineering) 	<ul style="list-style-type: none"> - Electronics and Telecommunications Engineering; - Electronics Engineering Technology; - Electrical - Electronics Engineering Technology; - Electronics Engineering; - Mechatronics Engineering; - Mechatronics Engineering Technology; - Power System Engineering; - Technical Education (specializing in Electrical Engineering, Electrical - Electronics Engineering) - Aeronautical Engineering - Maritime Engineering. 	<ul style="list-style-type: none"> - Electrical Drives (03 credits); - PLC (02 credits); - Industrial Communications Networks (02 credits); - Process Control (03 credits). <p>Based on the undergraduate transcript or the certificate of bridging courses, the specialized faculty will determine the number of additional courses to be completed.</p>
14	Chemical Engineering (8520301)	<ul style="list-style-type: none"> - Chemical Engineering; - Chemical Engineering Technology; - Chemical Technology. 	<ul style="list-style-type: none"> - Chemistry; - Materials Engineering. 	<ul style="list-style-type: none"> - Physical Chemistry (03 credits). <p>Based on the undergraduate transcript or the certificate of bridging courses, the specialized faculty will determine the number of additional courses to be completed.</p>
15	Environmental Engineering	<ul style="list-style-type: none"> -Environmental Engineering; - Environmental 	<p>Group 1:</p> <ul style="list-style-type: none"> - Occupational Safety and Health; 	<ul style="list-style-type: none"> - Wastewater Microbiology (03 credits);

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	(8520320)	Technology; - Environmental Engineering Technology (Bachelor's degree awarded by Ton Duc Thang University) - Environmental Science (Bachelor's degree awarded by Ton Duc Thang University)	<ul style="list-style-type: none"> - Chemical Engineering; - Petrochemical and Refining Engineering; - Materials Engineering; - Metallurgy and Environment; - Or other majors not listed above, provided that their study program is at least 60% equivalent to the Environmental Engineering study program of Ton Duc Thang University. <p>Group 2:</p> <ul style="list-style-type: none"> - Biotechnology; - Biology; - Agriculture; - Forestry; - Food and Beverage Processing Technology; - Aquaculture; - Land Administration; - Civil Engineering; - Labour Relations. <p>Applicants in this group must have at least two years of work experience in the field of environmental science or engineering, calculated from the date of bachelor's graduation to the date of application submission.</p>	<ul style="list-style-type: none"> - Environmental Analysis (03 credits); - Environmental Process Engineering (3 credits) <p>Based on the undergraduate transcript or the certificate of bridging courses, the specialized faculty will determine the number of additional courses to be completed.</p>

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16	Civil Engineering (8580201)	<ul style="list-style-type: none"> - Civil Engineering; - Hydraulic Engineering; - Coastal and Offshore Engineering; - Transportation Engineering; - Infrastructure Engineering; - Or other majors not listed above, provided that their study program is at least 90% equivalent to the Civil Engineering study program of Ton Duc Thang University. 	<ul style="list-style-type: none"> - Construction Economics; - Urban Planning; - Construction Management; - Geotechnical Engineering; - Water Resources Engineering; - Water Supply & Drainage Engineering; - Construction Materials; - Or other majors not listed above, provided that their study program is at least 60% equivalent to the Civil Engineering study program of Ton Duc Thang University. 	<ul style="list-style-type: none"> - Strength of Materials (3 credits); - Structural Mechanics (03 credits); - Steel Structures (03 credits). <p>Based on the undergraduate transcript or the certificate of bridging courses, the specialized faculty will determine the number of additional courses to be completed.</p>
17	Sport Management (8810301)	<ul style="list-style-type: none"> - Sport Management; - Physical Education; - Sport Coaching; - Sport Biomedicine; - Other majors that are not listed above will be considered and determined by the specialized faculty. 	<ul style="list-style-type: none"> - Tourism; - Tourism and Travel Management; - Business Administration; - Journalism; - Education Studies; - Multimedia Communications; - Mass Communications; - International Communications; - Other majors that are not listed above will be considered and determined by the specialized faculty. 	<ul style="list-style-type: none"> - Introduction to Sport Management (03 credits). <p>Based on the undergraduate transcript or the certificate of bridging courses, the specialized faculty will determine the number of additional courses to be completed.</p>
18	Occupational Safety and	<p>Group 1:</p> <ul style="list-style-type: none"> - Occupational Safety and 	<p>Group 2:</p> <ul style="list-style-type: none"> - Environmental Science; 	<ul style="list-style-type: none"> - Occupational Safety Science (02 credits);

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	Health (8900103)	Health; - Occupational Safety and Health; - Occupational Safety and Hygiene; - Environmental Engineering Technology (Bachelor's degree awarded by Ton Duc Thang University); - Environmental Science (Bachelor's degree awarded by Ton Duc Thang University); - Or other majors not listed above, provided that their study program is at least 90% equivalent to the Occupational Safety and Health study program of Ton Duc Thang University.	<ul style="list-style-type: none"> - Environmental Engineering; - Environmental Engineering Technology; - Water Supply and Sanitation; - Environmental Management; - Chemical Engineering; - Biotechnology; - Construction Engineering; - Civil and Industrial Construction Engineering; - Road and Bridge Engineering; - Transportation Engineering; - Electrical and Electronics Engineering; - Electronics and Telecommunications Engineering; - Mechatronics - Automation and Control Engineering; - Refrigeration and Air-Conditioning Engineering; - Mechanical Engineering; - Automotive and Power Engineering; - Labour Relations; - Petrochemical Engineering; - Textile and Garment Technology; - Metallurgical Engineering; - Materials Science and 	<ul style="list-style-type: none"> - Occupational Health and Safety Law (02 credits); - Safety Engineering (02 credits). <p>Based on the undergraduate transcript or the certificate of bridging courses, the specialized faculty will determine the number of additional courses to be completed.</p>

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			<p>Engineering; - Nuclear Engineering; - Or other majors not listed above, provided that their study program is at least 60% equivalent to the Occupational Safety and Health study program of Ton Duc Thang University.</p> <p>Group 3: Applicants who have held a Bachelor's degree for at least two years (not included in Group 2) and are currently working in agencies or organizations specializing in Occupational Safety and Hygiene, with a minimum of two years of work experience calculated from the date of graduation to the date of application submission.</p>	