

**TONGJI UNIVERSITY**  
**School of Economics and Management**

**AND**

**POLITECNICO DI MILANO**  
**School of Industrial and Information Engineering**

**DOUBLE MASTER DEGREE PROGRAMME (DMD)**

### **Dual Degree General Requirements**

A maximum of 5 students from each university per Academic Year will take part in the programme.

For Politecnico students the minimum GPA required to apply to this programme is 25/30. The minimum required GPA for Tongji students to be admitted to the Dual Degree Programme is 75/100.

A C1 English Language level is required to be admitted to the programme.

One Tongji University credit/hour is agreed to be correspondent to two ECTS Credits.

During the second year of the Dual Degree students are required to complete a minimum of 41 Tongji credits at TONGJI-SEM and of 60 ECTS credits at Politecnico di Milano.

### **Thesis Requirements**

To complete the programme students are also required to cover 30 ECTS credits worth of thesis work; the title of the thesis must be agreed upon with a Politecnico supervisor.

To obtain the TONGJI-SEM Dual Degree title, Politecnico students must complete an internship of minimum 3 months, submit a thesis in English with a 6.000-word abstract in Chinese and a 1.000-word abstract in English; defend their thesis.

The Politecnico [School of Industrial and Information Engineering](#) and the [Management Engineering MSc Degree](#) allow for different types of thesis work. Students must also refer to these regulations when preparing their work.

To obtain the Dual Degree title, Tongji students must complete a thesis, with a Politecnico faculty member as supervisor. Students will be able to work on their thesis once they finish their exams and return to Tongji. The thesis work will be the same for both universities, therefore it will be written in Chinese and English; the students will be able to discuss it via video conference during one of the thesis sessions established by the Politecnico Academic Calendar.

## Dual Degree Programme Structure

### Part I TONGJI-SEM Curricula for PdM DMD students

**Please note:** course offerings at both institutions may vary in time. Should this occur, appropriate substitutes will be found with the support of the Academic Advisors

#### 1. TONGJI-SEM Dual Degree Programme Curriculum for PdM students –Enterprise Management

Course Status	Course Code	Course	Academic Hours	Credits	Course Schedule		Remarks
					Fall	Spring	
General Degree Courses	2070100	*First Foreign Language (Chinese)	108*2	6*2	√	√	Two semesters compulsory
	290006	*Survey of China	54	3	√	√	One semester compulsory
Degree Business Courses	2040291	*Management in China	36	2	√		Select one as compulsory
	2040216	*Advanced Management	36	2	√		
	2040125	*Organizational Behavior	36	2		√	
	2040292	*Applied Statistics	54	3	√		Select one as compulsory
	2040088	*Econometrics	54	3	√		
	2040290	*Managerial Economics in China	54	3	√		Select one as compulsory
	2040214	*Intermediate Microeconomics	54	3	√		
	2040215	*Research Methodology for Management	54	3		√	
Optional Business Courses (≥8)	2040289	Business Ethics	34	2	√		
	2040126	Financial Management in China	34	2	√		
	2040167	Human Resource Management	34	2	√		
	2040168	Marketing in China	34	2	√		
	2040217	Strategic Management	34	2		√	
	2040218	Operations Management II	34	2		√	
	2040219	Entrepreneurship II	36	2		√	
	2040220	Project Management II	36	2	√		
	2040221	Enterprise Risk Management and Control	34	2		√	
Compulsories	2900004	*Academic Lectures or Seminars	36	2	√	√	One semester compulsory
	2900002	*Thesis Proposal	0	1			
	2040194	*Internship	36	2			

(The courses with \* are mandatory)

**2. TONGJI-SEM Dual Degree Programme Curriculum for PdM students –Technology Economics and Management**

Course Status	Course Code	Course	Academic Hours	Credits	Course Schedule		Remarks
					Fall	Spring	
General Degree Courses	2070100	*First Foreign Language (Chinese)	108*2	6*2	√	√	Two semesters compulsory
	290006	*Survey of China	54	3	√	√	One semester compulsory
Core Business Courses	2040003	*Management in China	36	2	√		Select one as compulsory
	2040216	*Advanced Management	36	2	√		
	2040040	*Technological Innovation Management	36	2		√	
	2040292	*Applied Statistics	54	3	√		Select one as compulsory
	2040088	*Econometrics	54	3	√		
	2040290	*Managerial Economics in China	54	3	√		Select one as compulsory
	2040214	*Intermediate Microeconomics	54	3	√		
	2040215	*Research Methodology for Management	54	3		√	
Optional Business Courses (≥8)	2040219	Entrepreneurship II	36	2		√	
	2040256	Project Investment and Financing	36	2		√	Investments can be recognized
	2040126	Financial Management in China	36	2	√		
	2040221	Enterprise Risk Management and Control	36	2		√	
Compulsories	2890004	*Academic Lectures or Seminars	36	2	√	√	one semester compulsory
	2900002	*Thesis Proposal	0	1			
	2040194	*Internship	36	2			

(The courses with \* are mandatory)

### 3. TONGJI-SEM Dual Degree Programme Curriculum for PdM students –Management Science and Engineering

Course Status	Course Code	Course	Academic Hours	Credits	Course Schedule		Remarks
					Fall	Spring	
General Degree Courses	2070100	*First Foreign Language (Chinese)	108*2	6*2	√	√	Two semesters compulsory
	290006	*Survey of China	54	3	√	√	One semester compulsory
Core Business Courses	2040003	* Advanced Management	36	2	√		Select on as compulsory
	2040291	*Management in China	36	2	√		
	2040004	* Operational Research	54	3		√	
	2040204	*Applied Statistics	54	3	√		
	2040206	*Information Technology and Management	36	2	√		
	2040155	*Seminar on Management Science & Engineering	18	1		√	Arranged by supervisor
	2040215	*Research Methodology for Management	54	3		√	
Optional Business Courses (≥8)	2040261	Technological Innovation and Management	36	2		√	
	2040264	Logistics & Supply Chain Management	36	2	√		
	2040177	Econometrics	54	3	√		
	2040271	Project Management II	36	2	√		
	2040270	Enterprise Risk Management and Control	36	2		√	
	2040260	Operations Management II	36	2		√	
	2040263	Urban and Real Estate Development in China	36	2		√	
Compulsories	2900004	*Academic Lectures or Seminars	36	2	√	√	One semester compulsory
	2900002	*Thesis Proposal	0	1			
	2040194	*Internship	36	2			

(The courses with \* are mandatory)

## Part II Politecnico di Milano Curricula for TONGJI-SEM DMD students

**Please note:** course offerings at both institutions may vary in time. Should this occur, appropriate substitutes will be found with the support of the Academic Advisors

### PoliMi Dual Degree Programme Curriculum for TONGJI-SEM students

#### Mandatory courses (30 ECTS)

Semester	Code	Sector	Course	Credits
1	096078	ING-IND/35	ACCOUNTING, FINANCE & CONTROL	10
1	096080	ING-IND/35	STRATEGY & MARKETING	10
2	096076	ING-IND/35	LEADERSHIP & INNOVATION	10

#### First set (A) of optional courses (20 ECTS minimum, among the available courses)

Semester	Code	Sector	Course	Credits
1,2*	096090	ING-IND/17	INDUSTRIAL TECHNOLOGIES	10
1,2*	096089	ING-IND/17	LOGISTICS MANAGEMENT	10
1,2*	096088	ING-IND/17	OPERATIONS MANAGEMENT	10
2	096086	ING-IND/16	QUALITY ENGINEERING	10
2	096092	ING-IND/35	BUSINESS & INDUSTRIAL ECONOMICS	10

\*These courses are offered during both semesters (1 edition per semester). Activation of courses could change year by year.

**The remaining 10 ECTS** – needed to reach 60 ECTS if the student select only 20 ECTS from the (A) set of courses – **can be taken from all the “FREELM” optional courses available in the PoliMi Master of Science in Management Engineering.**

The list of FREELM courses is available [on line](#), under each Concentration.