



**POLITECNICO
MILANO 1863**

Milano

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

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 |
| | 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 | √ | | |

| | | | | | | | |
|---------------------------------------|---------|--|----|---|---|---|-------------------------------|
| Core Business Courses | 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)

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 |
| | 2900006 | *Survey of China | 54 | 3 | √ | √ | One semester compulsory |
| Core Business Courses | 2040003 | *Advanced Management | 36 | 2 | √ | | Select one 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 | | √ | |
| | 2040261 | Technological Innovation and Management | 36 | 2 | | √ | |
| | 2040264 | Logistics & Supply Chain Management | 36 | 2 | √ | | |

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|---------------------------------------|---------|--|----|---|---|---|-------------------------|
| Optional Business Courses (≥8) | 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

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.