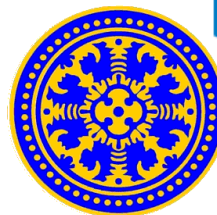


FICEM

French Indonesian Consortium in Engineering and Management

UNIVERSITY'S FACT SHEETS



Year 2015

FICEM-consortium@mines-nantes.fr



INDONESIA



BINUS
Universitas
Bina
Nusantara



UI
Universitas
Indonesia



ITB
Institut
Teknologi
Bandung



UMRAH
Universitas
Maritim Raja
Ali Haji



ITS
Institut
Teknologi
Sepuluh
Nopember



UNSRI
Universitas
Sriwijaya



UGM
Universitas
Gadjah Mada



UNTAN
Universitas
Tanjungpura



UNHAS
Universitas
Hasanuddin



UNUD
Universitas
Udayana



**UNIVERSITY BINA
NUSANTARA**

INDONESIA

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List of Programs

Teaching Language

Civil Engineering

Indonesia

Computer Engineering

Indonesia

Civil Engineering

Indonesia

Architecture

Indonesia

Robotics

English

Product Development

English

Industrial Engineering

Indonesia

International Marketing

Indonesia

International Business Management

English

Management

Indonesia

Master of Information System

Indonesia

Master of Information Technologies

Indonesia

Master of Industrial Engineering

Indonesia

Master of Marketing Management

English

Academic calendar

1st semester September to February

2nd semester February to June

Research Area

Web site

A : Performance Excellence Management

1. Busines Process Management with BPI and BPR of Business, Government and Public Service for Performance Excellence
2. Integrated Model of Food Security System
3. Guidance on Integrated Coastal management and Capacity Building on Climate Change Adaptation in Urban and Tourism Area

<ul style="list-style-type: none"> 4. New Design of Transportation facilities and procedures based on Human Factor and Ergonomic Principles 5. Lesson Learnt on the logistic and Supply Chain management in Indonesia 6. Framework of SCM for Specific Industry 	
<p>B : Bee Embedded Research Group (BERG)</p>	<p>http://research.binus.ac.id/2013/11/14/bee-embedded-research-interest-group/</p>
<ul style="list-style-type: none"> 1. Internet of Things (IoT) 2. Embedded Linux Application 3. Surveillance Unmanned Vechicle 4. Motor or Automobile Tracker using GPS and IoT 5. Weather data collection and prediction 	
<p>C : Photonics and Computer Systems</p>	<p>http://research.binus.ac.id/rigpcs/</p>
<ul style="list-style-type: none"> 1. Photonics 2. Laser Induced Breakdown Spectroscopy 3. Control System 4. Laser Applications 	

List of priority actions within FICEM

Joint Research

Students Exchange

Faculty Exchange



**UNIVERSITAS
INDONESIA**

INDONESIA

Contact Information

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Email : irwan.katili@gmail.com	Name of contact 2: Prof. Dr. Ir. Irwan Katili Phone number : +62-811-8888-876
Faculty/School Dean of Engineering Email : dedi@eng.ui.ac.id	Name of Contact Person : Prof. Dr. Ir. Dedi Priadi, DEA Phone Number : +62-816-757-531

List of Programs

Teaching Language

Bachelor degree - special international program	English
Master joint degree program	English
Ph.D. joint degree program	English

Academic calendar

1st semester	From	September	to	December
2 nd semester	From	February	to	June

Research Area

Web site

Polymer Composite	
Material for Construction with low environmental impact	
Potency of biodegradable Jatropha Curcas Oil as insulation on power transformer	
Combined Effects of Aircraft Pollutant and Noise Emissions by Using Artificial Neural Network to Determine Healthy Risk Level	
Modelling Issues in Two Urban Systems Engineering Problematic : Decision Support for Flood Management and Railway Development as a Competitive Public Transport between Indonesian Cities.	
SPH & ALE Methods for Fluid Structure Interaction Problem : Simulation of Tsunami Like Phenomena	
Development of DKMQ Element in Plate and Shell Structure for Error Estimation by Using Stress Recovery Method in Linear & Non linear Analysis	
Ship handling Model Development Based on Analytic Hierarchy Process and Fuzzy Logic for Maritime Safety Assessment	
Modeling of exhaust gas emissions from road transport sector	
Advanced Virtual Simulation for Optimal Cutting Parameters Control in 5-axis Milling	
Development of an Optimize & Secure New Variant of AODV Routing Protocol with Gateway Mode using Reverse Route, Path Hop and Adaptive Security Method	
New Generation of Active & Passive Photonic Devices Based on Wide Band GAP Semiconductors	

List of priority actions within FICEM

Master joint degree program
Ph.D. joint degree program



**INSTITUT
TEKNOLOGI
BANDUNG**

INDONESIA

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Faculty/School Dean of
Email :

Name of Contact Person :
Phone Number :

Faculty/School Dean of
Email :

Name of Contact Person :
Phone Number :

Faculty/School Dean of
Email :

Name of Contact Person :
Phone Number :

Faculty/School Dean of
Email :

Name of Contact Person :
Phone Number :

List of Programs

<http://www.itb.ac.id/en/>

Teaching Language

Mostly Bahasa

Pharmacy, Mechanical Engineering,
School of Business and
Management available in English

Classes where foreign students are
enrolled taught in English

Academic calendar

1st semester From 1st week of August to End of December

2nd semester From 1st week of January to 1st week of June

Research Area

Sciences, Technologies, Arts and Designs

Web site

<http://www.lppm.itb.ac.id/research/>

List of priority actions within FICEM

Research cooperation

Educational Cooperation

Mobility (Prof and Students)



**INSTITUT TEKNOLOGI
SEPULUH NOPEMBER**

INDONESIA

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Faculty/School Dean of

Email :

Name of Contact Person :

Phone Number :

Faculty/School Dean of

Email :

Name of Contact Person :

Phone Number :

List of Programs

Teaching Language

Data Communication

English

Internet Engineering

English

Academic calendar

1st semester From September to January

2nd semester From February to June

Research Area

Web site

Telecommunication Engineering

www.telecom.ee.its.ac.id

Electrical Engineering

www.ee.its.ac.id

Civil Engineering

www.ce.its.ac.id

Environmental Engineering

www.enviro.its.ac.id

Mechanical Engineering

www.me.its.ac.id

List of priority actions within FICEM

Telecommunication Engineering

Electrical Engineering



**UNIVERSITAS
GADJAH MADA**

INDONESIA

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List of Programs

Teaching Language

Undergraduate

- Engineering Physics
- Nuclear Engineering
- Electrical Engineering
- Engineering Information

Indonesian
Indonesian
Indonesian
Indonesian

Master

- Electrical engineering with 3 concentrations :
 1. Electric Power System
 2. Electronic Signaling System
 3. Information Technology

Indonesian (some courses are available in English)

Doctoral

- Electrical Engineering

Indonesian / English

Academic calendar

1st semester From August to January

2nd semester From Febuary to July

Research Area

Web site

Human Computer Interaction

hci.te.ugm.ac.id

Electronic Systems

esyslab.te.ugm.ac.id

Intelligent Systems

ai.te.ugm.ac.id

Pervasive and Mobile Computing Group

pervasive.te.ugm.ac.id

Semantic Web and Ontology Research Group

sworg.wg.ugm.ac.id

List of priority actions within FICEM

Exchange students and or teaching staffs

Sandwich program for Ph.D students

Joint Supervision

Double degree program (master program)

Joint Conference (symposium)

Visiting professors



**HASANUDDIN
UNIVERSITY**

INDONESIA

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List of Programs

Teaching Language

Medical Engineering	Indonesian - English
Project Management	Indonesian - English
Infrastructure Management	Indonesian - English
Finance Management	Indonesian - English
Accounting	Indonesian - English
Nutrition	Indonesian - English
Workplace Safety and Health Management	Indonesian - English

Academic calendar

1st semester	From	July	to	December
2 nd semester	From	January	to	June

Research Area

Web site

Medical Engineering	http://med.unhas.ac.id/
Construction Management	http://eng.unhas.ac.id/id/
Industrial Engineering	http://eng.unhas.ac.id/id/

List of priority actions within FICEM

Student Exchange
Joint Research
Joint Publication
Post-Doctoral Exchange



UNIVERSITAS MARITIM RAJA ALI AJI

INDONESIA

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List of Programs

Teaching Language

1. Marine Science (Bachelor)

2. Aquatic Resource Management (Bachelor)

3. Aquaculture (Bachelor)

4. Fishery Product of Technology (Bachelor)

Indonesian

5. Electrical Engineering (Bachelor)

6. Informatics Engineering(Bachelor)

Indonesian

7. Accounting (Bachelor)

8. Management (Bachelor)

Indonesian

9. Governmental science (Bachelor)

10. Public Administration Science (Bachelor)

11. Sociology (Bachelor)

12. Law Science (Bachelor)

Indonesian

13. Indonesian Language Literature Education (Bachelor)

14. English Education (Bachelor)

15. Chemistry Education (Bachelor)

16. Biology Education (Bachelor)

17. Mathematics Education (Bachelor)

Indonesian

Academic calendar

1st semester (odd) From **Sept 1 to January 31**2nd semester (even) From **February 16 to July 31**

Research Area

Web site

1. Coastal Natural Ressources and Marine

www.cnrm-rc.umrah.ac.id

2. Maritime Economic and Entrepreneurship Development

www.meed-rc.mrah.ac.id

3. Malays Civilization, Social and Cultural

www.mcsc-rc.umrah.ac.id

4. Public Policy and Community	www.ppc-rc.umrah.ac.id
5. Environment	www.e-rc.umrah.ac.id
6. Gender and Woman Empowerment	www.gwe-rc.umrah.ac.id

List of priority actions within FICEM

1. <i>Setting-up Field of Study and Laboratory of Naval Architecture and Ship Building Engineering</i>
2. <i>Setting-up Field of Study and Laboratory of Marine Transportation</i>
3. <i>R & D in Maritime Economic Development</i>
4. <i>R & D in Marine BioTechnology</i>
5. <i>R & D in Coastal and Marine Resources</i>
6. <i>Internal Scientific fora and Publications</i>
7. <i>R & D in Maritime Data and Communication Systems</i>
8. <i>R & D in Renewable Energy for Archipelago Regions</i>
9. <i>R & D in Defense and Safety at Sea</i>
10. <i>R & D in Remote Sensing and Geographical Information Systems</i>
11. <i>R & D in Artificial Intelligences</i>
12. <i>R & D in Marine Traffic Automatic Identification Systems (AIS)</i>



**SRIWIJAYA
UNIVERSITY**

INDONESIA

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Name of Contact Person : **Prof. Dr. Ir. H. M. Taufik Toha, DEA**
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List of Programs

Teaching Language

Education :

1. Degree Program

In this program, lecturer of one of both sides can joint to master and doctor/PhD program in other one. Provide double degree program in engineering field beetwen Faculty of Engineering, Sriwijaya University with University member of FICEM in France.
(existing program : Chem. Eng. → Thailand)

English

2. Lecturer/Researcher/Student Exchange

This program is to exchange the engineering students between Sriwijaya Univesity and member of FICEM university in France. The activity of this program are : lectures, researchs, and other activities.

English

3. Guest lecture

The lecture of one of both sides can be as guest lecture to another side in propriete subject.

English

4. Recharging for Lecturer (Post Doctor Program)

Academic calendar

1st semester From August to December

2nd semester From January to July

Research Area

Web site

Collaboration/Joint Research

The research collaboration in the fields :

1. Energy

The theme of research are ;

- Coal gasification of low rank coal for producing fuel and chemical substances.
- Upgrading of low rank coal to reduce moisture, sulphur, ash content.
- Utilization of charcoal of kernel pirolysis produced from smoke liquid and biomass to produce biobriquette.
- Production of biobriquette from fine coal and biomass (empty bunch, husk, organic domestic waste, coconut shell, palm kernel, rubber wood waste, and other organic solid waste

- Production of Biogas from manure and biomass
- Purification of methane from biogas using ceramic membrane.
- Utilization non food, palm oil, used oils to produce biodiesel.
- Heterogenous Catalyst Development for producing biodiesel
- Utilization of Supersonic Technology for producing biodiesel
- Utilization biomass to produce bioethanol as liquid fuel.

2. Environment

- a. Utilization of nanocomposite to treat wastewater (fertilizer, pulp and paper, dye textile, cane sugar, tapioca, oil refinery industries)
- b. Production of solid and liquid biocompost from domestic organic solid waste.
- c. Treatment of Oily waste water by bioremediation process.
- d. Wastewater treatment of coal mining activity by membrane, ozonation technology.
- e. Management for preventing forest burning (wetland)
- f. Health and Safety in mining activity
- g. Wastewater treatment by advanced oxidation technology, high rate oxidation

3. Advanced and Nano Technology (bio and non-bio material)

- Advanced and Nano Material in mechanical, electrical, civil, architecture, chemical, mining application.

Other Program

1. Library Networking (one university can access freely library content on other university)

2. Collaboration publication

In this program, both side can collaborate to organize seminar, conference, Focus Group Discussion (FGD), co-publish in international journal.

Example : it is can be extended for

- a. SISEEST (Sriwijaya International Seminar on Energi-Environmental Science and Technology)
- b. AVoER (Added Value of Energy Resources)
- c. Jurnal Rekayasa.
- d. Jurnal Teknik Kimia
- e. Geotechnical Journal
- f. Books
- g. Engineering Software ?

3. Workshop for technician, lab analyst

List of priority actions within FICEM

1. Collaboration/Joint Research
2. Collaboration publication
3. Guest Lecturer
4. Student Exchange

NOTE :

One program has been initiated by Dean is cooperation between **Graduate School of Faculty of Engineering, Sriwijaya University and Centre de Geosciences, Mines Paris Tech** (February 2014)



**SRIWIJAYA
UNIVERSITY**

INDONESIA

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Faculty/School Dean of

Email :

Name of Contact Person :

Phone Number :

Faculty/School Dean of

Email :

Name of Contact Person :

Phone Number :

List of Programs

Teaching Language

English Class Program for Economics Students

English

Final Project Research (Skripsi) for Bachelor Student

English

Research Collaboration between Lecturers

English

Visiting Lectures

English / Indonesian

Internship

Indonesian

Academic calendar

1st semester From August to Nopember

2nd semester From February to May

Research Area for Management

Web site

Financial Management

www.fe.unsri.ac.id

Human Resources

Marketing Manajement

List of priority actions within FICEM

Final Project Research (Skripsi) for Bachelor Student

Research Collaboration between Lecturers

Visiting Lectures

Internship

French Course for Students



**SRIWIJAYA
UNIVERSITY**

INDONESIA

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GRADUATE SCHOOL

Website : unsri.ac.id

Contact Detail

International Relation Office
International Cooperation Office

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:

Faculty/School: Graduate School UNSRI
Email : hilda.zulkifli@yahoo.com

Name of Contact Person : **Prof. Dr. Hilda Zulkifli. M.Si., DEA.**
Phone Number : **0811715041**

List of Programs

Teaching Language

Education :

5. Degree Program

In this program, lecturer of one of both sides can joint to master and doctor/PhD program in other one. Provide double degree program in biodiversity, environment, and biotechnology field beetwen Graduate School, Sriwijaya University with University member of FICEM in France.

The biodiversity, environment and biotechnology field or double degree program (Master Program):

- Biodiversity (Conventional and Molecular Identification of South-Sumatera Germ-Plasm, Management and Conservation of Germ-Plasm).
- Environment (Environmental Management and Protection for Green Gas House Emmiton Mitigation and Environmental Sanitation Improvement).
- Biotechnology (Biotechnology for Food Security, Renewable Energy Exploration).

English

6. Lecturer/Researcher/Student Exchange

This program is to exchange the Environment students between Sriwijaya University and member of FICEM university in France. The activity of this program are : lectures, researchers, and other activities.

The Environment field of this program are :

- Environment Management and Protection.
- Biodiversity and Biology Conservation.
- Biotechnology for Food Security and Sustainable Energy.

English

7. Guest lecture

The lecture of one of both sides can be as guest lecture to another side in appropriates subject for master and doctor degree in the field.

- Environment Management and Protection.
- Biodiversity and Biology Conservation.
- Biotechnology for Food Security and Sustainable Energy.

English

8. Recharging for Lecturer (Post Doctor Program)

This program is in the field :

- Environment Management and Protection.
- Biodiversity and Biology Conservation (Reclamation), Carbon Stock and Climate Change.
- Biotechnology for Food Security and Sustainable Energy (Zero waste management).

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Academic calendar

1st semester From August to December

2nd semester From January to July

Research Area

Web site

Collaboration/Joint Research

The research collaboration in the fields :

4. Biotechnology and Bioenergy

The theme of research are ;Potential Opportuniy for Biorenewable Resources.

- Exploration microbial lipase for lipid extraction form biomass to produce biodiesel.
- Exploration microbial lignosellulase, sellulase, for polysaccharide for bioethanol production.
- Production of biogas from manure and biomass.
- Utilization non food, palm oil, used oils to produce biodiesel.
- Biocatalyst development for producing biodiesel.

5. Environment

- a. Application of biotechnology for solid waste and wastewater treatment.
- b. Production of solid and liquid biocompost from domestic organic solid waste.
- c. Treatment of Oily waste water by bioremediation process.
- d. Biological wastewater treatment technology for coal mining activity.

6. Biology Conservation and Biodiversity.

- Conventional and Molecular Identification of South-Sumatera Germ-Plasm.
- Management and Conservation of Germ-Plasm for Ecological Sustainability.
- Data mining and Vegetation Analysis.
- Carbon Stock Estimation.
- Revegetation for GHG emission mitigation.
- Social mapping for providing social education and activity programme to support reduction of biodiversity lost due to local activities.

Other Program

4. Library Networking (one university can access freely library content on other university)

5. Collaboration publication

In this program, both side can collaborate to organize seminar, conference, Focus Group Discussion (FGD), co-publish in international journal.

Example : it is can be extended for

- h. SISEEST (Sriwijaya International Seminar on Energi-Environmental Science and Technology)
- i. AVoER (Added Value of Energy Resources)
- j. Books

6. Workshop for technician, lab analyst

List of priority actions within FICEM

5. Collaboration/Joint Research
6. Collaboration publication
7. Guest Lecturer
8. Student Exchange

NOTE :

One program has been initiated by Dean is cooperation between **Graduate School of Sriwijaya University and Centre de Geosciences, Mines Paris Tech** (on February 2014)



**UNIVERSITAS
TANJUNGPURA**

INDONESIA

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List of Programs

Teaching Language

Postgraduate program under University

Environmental Science¹ : Indonesian

Faculty of Law

Law^{1,2} : Indonesian

Faculty of Economics

Accounting^{1,2} : Indonesian

International Accounting¹ : English

Economic Science^{1,2,3} : Indonesian

Management^{1,2,3} : Indonesian

International Management¹ : English

Islamic Economy¹ : Indonesian

Faculty of Agriculture

Agrotechnology^{1,2} : Indonesian

Agribusiness^{1,2} : Indonesian

Soil science¹ : Indonesian

Food science and technology¹ : Indonesian

Horticulture (Diploma program) : Indonesian

Water resource management¹ : Indonesian

Animal science¹ : Indonesian

Agribusiness management¹ : Indonesian

Faculty of Engineering

Architecture engineering¹ : Indonesian

Electrical engineering ^{1,2}	Indonesian
Industrial engineering ¹	Indonesian
Informatics engineering ¹	Indonesian
Environmental engineering ¹	Indonesian
Civil engineering ^{1,2}	Indonesian
Urban and regional planning ¹	Indonesian
Mining engineering ¹	Indonesian
Marine engineering ¹	Indonesian
Chemical engineering ¹	Indonesian
Mechanical engineering ¹	Indonesian
Faculty of Social and Political Science	
Public administration science ¹	Indonesian
Office administration (Diploma program)	Indonesian
Archival science (Diploma program)	Indonesian
Secretarial science (Diploma program)	Indonesian
Social worker ¹	Indonesian
Social anthropology ¹	Indonesian
International relations ¹	Indonesian
Social development science ¹	Indonesian
Sociology ^{1,2}	Indonesian
Political science ^{1,2}	Indonesian
Administration science ^{1,2}	Indonesian
Communication science ¹	Indonesian
Faculty of Teacher Training and Education	
Education of Indonesian Language and Literature ^{1,2}	Indonesian
English language education ^{1,2}	Indonesian
Economy education ^{1,2}	Indonesian
Mathematics education ^{1,2}	Indonesian
Biology education ¹	Indonesian
Chemistry education ¹	Indonesian
Physics education ¹	Indonesian
Primary education ¹	Indonesian
Social education ¹	Indonesian
Sports & Health education ¹	Indonesian
Early childhood education ¹	Indonesian
Art and music education ¹	Indonesian
Chinese language education ¹	Indonesian
Counseling and guidance education ¹	Indonesian
Learning technology ^{1,2}	Indonesian
Library science (Diploma program)	Indonesian
Education administration ²	Indonesian
Teacher profession education ¹	Indonesian
Faculty of Forestry	
Forestry ^{1,2}	Indonesian
Faculty of Mathematics and Natural Sciences	
Mathematics ¹	Indonesian
Chemistry ^{1,2}	Indonesian
Biology ¹	Indonesian
Physics ¹	Indonesian
Computer system ¹	Indonesian
Geophysics ¹	Indonesian
Information system ¹	Indonesian
Marine science	Indonesian
Statistics	Indonesian
Faculty of Medicine	
Medical science ¹	Indonesian
Pharmacy ¹	Indonesian
Nursing ¹	Indonesian

Academic calendar	
1st semester	From September to January
2 nd semester	From February to August
Research Area	Web site
Tropical dryland, wetland, and peatland	http://www.thamrinusman.com/research/
Region and Border Area	
Energy	
Ethnic and biodiversity	
List of priority actions within FICEM	
Joint researches	
Postgraduate program	
Staff and Student mobility	
Joint organize of short course/ Summer school	
Joint Degree	
Joint Seminar	

¹ = Undergraduate program

² = Postgraduate master program

³ = Postgraduate doctoral program



**UDAYANA
UNIVERSITY**

INDONESIA

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List of Programs

TeachingLanguage

Faculty of Engineering:

Architecture Engineering (Bachelor Program, 8 semester and Master Program, 4 semester)

Indonesian Language

Civil Engineering (Bachelor Program, 8 semester and Master Program, 4 semester)

Indonesian Language

Electrical Engineering (Bachelor Program, 8 semester and Master Program, 4 semester)

Indonesian Language

Mechanical Engineering (Bachelor Program, 8 semester and Master Program, 4 semester)

Indonesian Language

Information Technology (Bachelor Program, 8 semester)

Indonesian Language

Faculty of Economic and Business:

Management (Bachelor Program, 8 semester and Master Program, 4 semester)

Indonesian Language

Short Course:

International Business Studies Network: bachelor, economic (short course 1 semester)

English

Go Bali (subjects are in economic, tourism, and logistic fields)

English

Tropical Living: bachelor program (subjects are in economic and engineering fields)

English

Academiccalendar

1st semester

FromSeptember to January

2nd semester

FromFebruary to August

Research Area

Web site

Tourism

<http://fpar.unud.ac.id/ind/>

Engineering

<http://ft.unud.ac.id/eng/>

Economic

<http://fe.unud.ac.id/eng/>

List of priority actions within FICEM

Joint Research in the fields of tourism, economic and engineering

Student Exchange



FRANCE



EURECOM



Mines
Saint Etienne



Mines Albi



Télécom
Bretagne



Mines Alès



Télécom École
de Management



Mines Douai



Télécom Lille



Mines Nancy



Télécom
Paristech



Mines Nantes



Télécom
SudParis



Mines
ParisTech



EURECOM

FRANCE

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List of Programs

Teaching Language

Individual semesters in the following field: Security, Multimedia Communications, Mobile Communications, Data science and engineering, Smart objects
<https://www.eurecom.fr/en/teaching-0>

ENGLISH

Msc in Communications and Computer Security
<http://www.eurecom.fr/en/teaching/master-science/msc-comsec>

ENGLISH

Msc in Multimedia Information Technologies
<http://www.eurecom.fr/en/teaching/master-science/msc-mit>

ENGLISH

Msc in Mobile Communications
<http://www.eurecom.fr/en/teaching/master-science/msc-mobcom>

ENGLISH

Post master in Security in Computer Systems and Communications
<http://www.eurecom.fr/en/teaching/post-master-degree/security-computer-systems-and-communications>

ENGLISH

Post master in Communications for Intelligent Transport Systems
<http://www.eurecom.fr/en/teaching/post-master-degree/intelligent-transport-systems>

ENGLISH

Phd Programs in the fields mentioned above
<https://www.eurecom.fr/en/teaching/doctoral-program>

ENGLISH

Academic calendar

1st semester From end of September to Mid February

2nd semester From Early March to End of June

Research Area

Web site

Mobile Communications Department

<http://www.eurecom.fr/cm/>

Multimedia Communications Department

<http://www.eurecom.fr/mm/>

Network and Security Department

<http://www.eurecom.fr/rs/>

List of priority actions within FICEM

Student recruitment in Msc and Post Master

Student exchanges

Common research projects / working groups



MINES ALBI

FRANCE

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List of Programs

Teaching Language

specialized Master AMPAS (Advanced Manufacturing Processes for Aeronautical Structures)

English

M Sc AeroMat Innovation (Aerospace Materials-Design, Manufacturing & Innovation Management)

English

MSc AdPharmIng (Advanced Pharmaceutiical Engineering)

English

M Sc SCALE (Supply Chain And LEan management)

English

Academic calendar

1st semester From September to End of January

2nd semester From February to August

Research Area

Web site

Shaping and forming materials (aeronautics and space)

www.mines-albi.fr

Advanced galenics and processes involving particulate solids

Energy and material valorization of biomass and waste

Organization and information systems within or between companies and administrations, risk analysis

List of priority actions within FICEM

Student exchange and double diploma

Joint research programs and PhD co-supervision

Master of Science



MINES ALES

FRANCE

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Faculty/School Dean of
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Faculty/School Dean of
Email :

Name of Contact Person :
Phone Number :

Faculty/School Dean of
Email :

Name of Contact Person :
Phone Number :

List of Programs

Teaching Language

Civil Engineering

French

Engineering and Management of Energy and Environment

French

Risc and Crisis

French

Design and eco-materials

French

Engineering and Management of Complex Systems

French

Academic calendar

1st semester From September 1st to December 20th

2nd semester From January 5th to April 30th

Research Area

Web site

Risc Management

www.mines-ales.fr

Health

www.mines-ales.fr

Energy and life-cycle

www.mines-ales.fr

Eco-materials

www.mines-ales.fr

List of priority actions within FICEM

Student exchanges

PhD student exchanges

Visiting professor exchanges

Common research programmes

**MINES DOUAI****FRANCE****Contact Information**

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List of Programs**Teaching Language**

Civil Engineering	French
Industrial Processes Automation and Optimisation	French
Energy and Nuclear Engineering	French
Environmental Management and Engineering	French
Information Technology	French
Mechanical Engineering	French
Quality Engineering	French
Polymers and Composites Technology	French/English

Academic calendar

1st semester	From beginning of September to end of January
2 nd semester	From end of January to mid May

Research Area**Web site**

4 research units :	www.mines-douai.fr
- Materials, Processes and Environment	
- Chemistry and Environment	
- Energy	
- Computer Science and Automated Manufacturing	

List of priority actions within FICEM

Student exchange (Master and PhD levels)

Teaching staff exchanges

Cooperative research development



MINES NANCY

FRANCE

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Faculty/School Dean of Email :	Name of Contact Person : Phone Number :
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List of Programs

Teaching Language

Master's degree Engineering Science & Management (FICM)	French
Master's degree Materials & Production Management (FIMGP)	French
Master's degree Mechanical Design Engineering (IC)	French
International Master's degree Security of Computer Systems	English
International Master's degree Mineral Raw Materials & Risk Engineering Management	French and English
Master's degree Geosciences : Planets , Resources, Environment	French
Master's degree Global Design	French
Master's degree Management, treatment and recovery of waste	French

Academic calendar

1st semester	From	September 1st	to	January 31st
2 nd semester	From	February 1st	to	July 15th

Research Area

Web site

ERMeP : Team Research on Mechanics & Plasturgy	http://www.insic.fr/recherche/recherche.php
LEMETA : Theoretical & Applied Energetics Mechanics	http://lemta.univ-lorraine.fr/
CEPOR : European Center of Rapid Prototyping Tools	
Institut Jean Lamour UMR 7198 : Materials, Metallurgy, Nanosciences, Plasmas and Surfaces	http://ijl.univ-lorraine.fr/
LAEGO Georessources Lab	http://georessources.univ-lorraine.fr/
G2R : Geology, Mineral & Energetics Ressources	http://georessources.univ-lorraine.fr/
LORIA : Computer sciences	http://www.loria.fr/les-actus
IECL : Applied Maths	http://iecl.univ-lorraine.fr/

List of priority actions within FICEM

Exchange students



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Erasmus + coordinator
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List of Programs

Teaching Language

Masters of Science :

1. Management and Optimization of Supply chains and Transport (MOST)
2. Project Management for Environmental and Energy Engineering (PM3E)
3. Sustainable Nuclear Engineering : Applications and Management (SNEAM)

English

Masters of Engineering :

1. Master in Control Engineerint and Industrial Information Technology (All)
2. Master in Computer Science for Decision Support (GIPAD)
3. Master in Operations Management in Production and Logistics (GOPL)
4. Master in Information Systems Engineering (GSI)
5. Master in Organization and Management of Information Technology (OMTI)
6. Master in Quality and Reliability Engineering (QSF)
7. Environmental Engineering (GE)
8. Energy Systems Engineering (GSE)
9. Nuclear Engineering : Technologies, Safety and Environment (NTSE)
10. Systems and Technologies Applied to nuclear Reactors (STAR)

French

French Summer School

French

Academic calendar

1st semester From September to January

2nd semester From February to July

French Summer School From July to August (weekly intakes in July)

Research Area

Web site

1. Robotic Lab
2. Control Lab
3. Logistics and computer-integrated manufacturing

<http://www.mines-nantes.fr/en/Research/Automatique-et-Productique>

1. Understanding the information system : modelling, abstraction, transformation
2. Building up the bricks of the information system : evolution, modularisation, security
3. Optimisation : improving the use of resources, making them sustainable

<http://www.mines-nantes.fr/en/Research/IT>

<ol style="list-style-type: none"> 1. Business, Information technologies and management 2. Nuclear Science and Societe 	<p>http://www.mines-nantes.fr/en/Research/Social-Sciences-and-Management-Department/Research</p>
<ol style="list-style-type: none"> 1. Separation processes with transfer (adsorption, filtration) 2. Separation processes with transfer - reaction (photocatalytic oxidation, biofilters / bioscrubbers / filter marshes, making adsorbants from recycled waste) 3. Optimisation of transfer processes (transfers in polyphasic medium) 4. Biocombustibles and the energy conversion of residues and wastes 5. Sustainable energy systems for regional needs, using energetic and/or environmental systems analysis 	<p>http://www.mines-nantes.fr/en/Research/Energy-Systems-and-Environment-Department-DSEE</p>
<ol style="list-style-type: none"> 1. Universe at high energy 2. Nuclear : environmental impact, waste, materials and society 3. Nuclear science for health 	<p>http://www.mines-nantes.fr/en/Research/Subatech</p>

List of priority actions within FICEM

Exchange students
Double Degree programs
Graduate Programs
Exchange Professors



MINES PARISTECH

FRANCE

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Website : <http://www.mines-paristech.eu/Prospective-student/Master-Degree/Master-Degree-in-Science-and-Executive-Engineering/>

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Name of Contact Person : Jérôme ADNOT, Dean of Studies
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List of Programs

Teaching Language

Master of Science in Executive Engineering (Diplôme d'ingénieur)
(www.mines-paristech.eu/Prospective-student/Master-Degree/Master-Degree-in-Science-and-Executive-Engineering/)

French

Master of Science in Energy Strategies MSE (www.masterenergy.eu/en)

French

Master of Transportation and Sustainable Development TRADD
(<http://www.enpc.fr/master-transport-et-developpement-durable-tradd>)

French

Master of Electric Vehicle (<http://www.mastermobilite-ve.com/en>)

French

Advanced Master in International Environment Management MS ENVIM (www.isige.mines-paristech.fr)

English

Advanced Master in International Energy Management MS ALEF
(www.mines-paristech.fr/Formation/Masteres-Specialises/Masteres-Specialises-temps-plein/ALEF/)

English

Advanced Master in Materials, Processing and Modeling MS MAPMPOD
(www.cemef.mines-paristech.fr/sections/formations/masteres-specialises/ms-mapmod)

English

PhD Program in Research Areas above
(www.mines-paristech.eu/Prospective-student/Post-Master-Degree/Doctoral-Programme/Admission/)

English or French

Academic calendar

1st semester From 1st week of September to last week of January

2nd semester From 1st week of February to June (+ eventually professional/final internship)

Research Area

Web site

Earth Sciences and Environment (Exploitation of minerals & fuels, risk manag., environment, civil eng.)
<http://www.mines-paristech.eu/Research-valorization/Fields-of-Research/Earth-sciences-and-environment/>

Energy and Processes (Energy efficiency, Thermodynamics, Processes, Renewable energies, ...)
<http://www.mines-paristech.eu/Research-valorization/Fields-of-Research/Energy-and-processes/>


Mechanical and Materials Engineering (metals, alloys, ceramics, polymers, composites, biomaterials, stress,...)
<http://www.mines-paristech.eu/Research-valorization/Fields-of-Research/Mechanical-and-Materials-engineering/>

Mathematics and Systems (Applied Math, statistics, robotics, automatics, informatics, bioinformatics,...)
<http://www.mines-paristech.eu/Research-valorization/Fields-of-Research/Mathematics-and-systems/>

Economics, Management and Society (public policies and markets, innovation, product design, risks, ...)
<http://www.mines-paristech.eu/Research-valorization/Fields-of-Research/Economics-management-society/>

List of priority actions within FICEM

- Linking Teachers-researchers
- Create Degree and Non degree Student Mobilities on Graduate Level
- Involve French and Indonesian Enterprises in our Programs

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List of Programs		Teaching Language
Ingénieur Civil des Mines		French and English
Ingénieur Spécialisé en microélectronique, Informatique et Nouvelles technologies		French and English
Master BioMedical Engineering & Design (DNM)		English
Master of science Chemical engineering science		French and English
Master of science Decision support systems for environment		French
Master of science Image modeling, analysis and visualization		French
Master of science Industrial Engineering and Operations Research		French
Master of science Materials science and engineering		English
Master of science Mathematical medialization and applications		French and English
Master of science Mechanical engineering		French
Master of science Microelectronics and nanoelectronics		French
Master of science Sciences for urban and industrial environment		French
Master of science Web Intelligence		English
Academic calendar		
1st semester	From September	to January
2 nd semester	From February	to September
Research Area		Web site
Energy and Process Engineering		http://www.mines-stetienne.fr/content/438-fields-excellence
Industrial management and system engineering		http://www.mines-stetienne.fr/content/438-fields-excellence
Material science and Mechanical Engineering		http://www.mines-stetienne.fr/content/438-fields-excellence
Microelectronics		http://www.mines-stetienne.fr/content/438-fields-excellence
Biomedical and Health Care Engineering		http://www.mines-stetienne.fr/content/438-fields-excellence
Environmental Engineering		http://www.mines-stetienne.fr/content/438-fields-excellence
Computer Science		http://www.mines-stetienne.fr/content/438-fields-excellence
Applied mathematics		http://www.mines-stetienne.fr/content/438-fields-excellence
Energy and Process Engineering		http://www.mines-stetienne.fr/content/438-fields-excellence
Industrial management and system engineering		http://www.mines-stetienne.fr/content/438-fields-excellence
List of priority actions within FICEM		
Student mobility (engineering programs and masters)		
Research		



**TELECOM
BRETAGNE**

FRANCE

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List of Programs

Teaching Language

Master of Science (M1-M2) Design and Engineering of Communication Networks (DECN)

English (Semester 1, 3,4) and
French (Semester2)

Master of Science (M1-M2) Telecommunication Systems Engineering (TSE)

English (Semester1) and French
(Semesters 2,3,4)

Master of Science (M1-M2) Computer Science and Decision Systems (CSDS)

English (Semester1) and French
(Semesters 2,3,4)

Master of Science (M1-M2) Information Systems Project Management and Consulting
(ISPMC)

English (Semester1) and French
(Semesters 2,3,4)

More information : <http://www.telecom-bretagne.eu/studies/msc/>

Academic calendar

1st semester From End of August to End of January

2nd semester From Beginning of February to End of June

Research Area

Web site

DECN: Information Technologies / Internet / Internet of Things / Computer Networking /
Convergent Networks / Wireless Networks / Mobile Networks / Network Services /
Network Solution Design / Network Planning and Design

<http://www.telecom-bretagne.eu/studies/msc/communication-networks/>

TSE : Information Technologies / Telecommunications / Networking / Wireless Systems /
Mobile Systems / Optical Communications / Digital Communications / Computer Science
/ Internet

<http://www.telecom-bretagne.eu/studies/msc/telecom-systems-engineering/>

CSDS : Data Science / Computer Science / Artificial Intelligence / Business Intelligence /
Data Warehouse / Knowledge Discovery / Data, Text, Web and Social Network Mining /
Statistical Inference / Knowledge Management / Knowledge-Based Systems / Information
Systems / Decision Support Systems / Decision Aiding

<http://www.telecom-bretagne.eu/studies/msc/computer-science-decision-systems/>

ISPMC : Information Technologies / Information Systems / IS Urbanization / Management
/ Conception / Planning and Design / Consulting / Project management / TOGAF

<http://www.telecom-bretagne.eu/studies/msc/information-systems-management/>

List of priority actions within FICEM

Mobility from Indonesia to France for Masters and PhD AP applicants



TELECOM ECOLE DE MANAGEMENT

FRANCE

Contact Information

Mailing Address :
9 Charles Fourier
91011 Evry Cedex
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International Relation Office

Name of contact 1: Chris WERT

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Faculty/School Dean: Denis Guibard

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List of Programs

Teaching Language

Doctorat

English and French

MSc in International Management

English

MsC in ICT Business Management

English

EMBA

English

Specialized Masters Programs (in International Project Management, Management Telecom, Digital Marketing, Information Systems Engineering and Information Systems Auditing)

French

Integrated Master (Grande Ecole) in Management

English or French

Bachelor in Management

French first two years, English last year

Academic calendar (depends on program, but generally)

1st semester From Beginning september to Mid December (English speaking programs) and mid January (French speaking programs)

2nd semester From Mid January to Early June

Research Area

Web site

- E-marketing and Digital Networks : [EMDN](#)
- Organisation Studies : [OS](#)
- Ethics, Technologies, Organisations, Society - [ETOS](#)
- Information Systems and Transformation of Organisations : [SITO](#)
- Dynamics of Networks, Innovation and Knowledge : [KIND](#)
- Collective Uses of ICTs : [UCOTIC](#)
- Innovation, Globalisation and Transformations : [IGT](#)

<http://www.telecom-em.eu/en/content/research-professor>

For Research Center:

<http://www.telecom-em.eu/en/content/research-center>

List of priority actions within FICEM

Student Exchanges and Summer School (in-coming)

Faculty Exchanges

Joint programming

**TÉLÉCOM LILLE****FRANCE****Contact Information**

Mailing Address :

Télécom Lille

Cité scientifique - Rue Guglielmo Marconi

BP 20145 - 59653 Villeneuve d'Ascq Cedex - FRANCE

Website : <http://www.telecom-lille.fr>**Contact Detail**

International Relation Office

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Name of contact 1: Dean A. Hipple

Name of contact 2: Amaria Khiter

Name of contact 3: Fatima Semmoudi

List of Programs**Teaching Language**

Informatique & réseaux

French

Internet & multimédia

French

Communications mobiles

French

Systèmes d'information

French

Management de projets

French

Academic calendar

1st semester

From beginning of Sept to end Jan

2nd semester

From beginning of Feb to end June

Research Areas

Same as Programs (above)

List of priority actions within FICEM

Student exchanges



**TELECOM
PARISTECH**

**City of Paris,
FRANCE**

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Research Direction

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Name of Contact Person : Mr Patrick DUVAUT

Phone Number : + 33 (0) 1 45 81 81 85

List of Programs

Teaching Language

Master of Science in Engineering “Diplôme d’Ingénieur”

<http://www.telecom-paristech.fr/eng/international-studies/master-of-engineering/courses-programme.html>

13 study-tracks (Paris campus):

Human-Computer Interaction, Web & 3D Computer Graphics

Image

Information Theory and Operational Research

Random Modelling and Scientific Computation

Networks

Communication Devices and Systems

Data Science

Embedded Systems

Models, Time Data Representation and Processing

Strategy, Innovation, Markets

Distributed Systems and Software

Information System and Network Security

Advanced Mathematical Techniques in Coding, Cryptography and Quantum

Information Theory

French (Paris campus) or English
(Eurecom campus)

Master’s Degree with partner universities (UPMC, Descartes, Diderot, Panthéon-Sorbonne, Paris-Ouest, Paris-Sud) :

Informatics

Mathematics

Communication Networks

French or English

<p>Engineering Bioengineering Technology and design Applied Economy Applied Physics Innovation</p> <p>http://www.telecom-paristech.fr/enseignement/masters-en-partenariat.html</p>	
<p>Master's Degree Université Paris Saclay</p> <p>http://www.universite-paris-saclay.fr/en/education/masters</p>	French or English
<p>Msc in Communications and Computer Security</p> <p>http://www.eurecom.fr/en/teaching/master-science/msc-comsec</p>	English
<p>Msc in Mobile Communications</p> <p>http://www.eurecom.fr/en/teaching/master-science/msc-mobcom</p>	English
<p>Msc in Multimedia Information Technologies</p> <p>http://www.eurecom.fr/en/teaching/master-science/msc-mit</p>	English
<p>Telecom ParisTech Doctoral Degree :</p> <p>Electronics and Communications Computing and Networks Signal and Image Processing Information System Economics</p> <p>http://www.telecom-paristech.fr/eng/internationalstudies/phd/edite-de-paris-doctoral-school.html</p>	French or English
<p>Doctoral Degree within Université Paris Saclay Doctoral Schools :</p> <p>Mathematics/ Ecole Doctorale de Mathématique Hadamard (EDMH) Information and Communication Technologies/ Sciences et technologies de l'information et de la communication (STIC) Social and Human Sciences/ Sciences de l'homme et de la société</p> <p>http://www.universite-paris-saclay.fr/en/doctoral-schools</p>	French or English
Academic calendar	
1st semester	From 1st of September to Mid-February
2 nd semester	From Mid-February to End of June
Research Area	Web site
<p>Telecom ParisTech structures its research activities in 6 strategic areas:</p> <p>Big Data: Data and knowledge dynamics Systems and Networks Digital Security Real-Virtual Interactions Modelling: Signal, Images and 3D Interdisciplinary approach towards innovation</p>	<p>http://www.telecom-paristech.fr/eng/research/research-departments.html</p>
List of priority actions within FICEM	
Student recruitment at Master level	
Student exchanges on Graduate level	
Common research projects / working groups	
Involve French and Indonesian Enterprises in our Programs	



**TELECOM
SUDPARIS**

FRANCE

Contact Information

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Dean of Postgraduate Studies
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Faculty/School Dean of
Email :

Name of Contact Person :
Phone Number :

Faculty/School Dean of
Email :

Name of Contact Person :
Phone Number :

Faculty/School Dean of
Email :

Name of Contact Person :
Phone Number :

List of Programs

Teaching Language

MSC : Computer Science for Communication Networks

English

MSC : Electrical & Optical Engineering

English

MSC : Data Mining & Pattern Classification

1st year English, 2nd year French

Academic calendar

1st semester From September to January

2nd semester From February to June

Research Area

Web site

Networks, Services & Protocols

Computer Science & Information Systems

Imaging, Multimedia & Applications

Physics, Signal Processing

Embedded Systems

Optical Engineering

Applied Maths

List of priority actions within FICEM