



Ingegneria
Palermo Gestionale

MASTER OF SCIENCE IN
MANAGEMENT ENGINEERING

Department of Engineering



Università
degli Studi
di Palermo

KEY FACTS (2022)

158 students
(37 international)

english
language

65%

foreing experience

100 %

placement rate



MSc in Management Engineering

THE MANAGEMENT ENGINEER

THE PERFECT MATCH

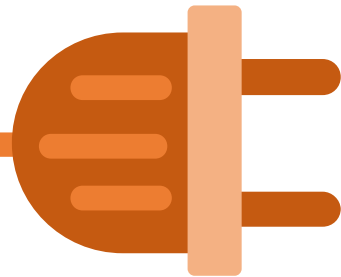
ENGINEER

Scientific Knowledge
Problem Solving Skills
Design-Science Orientation

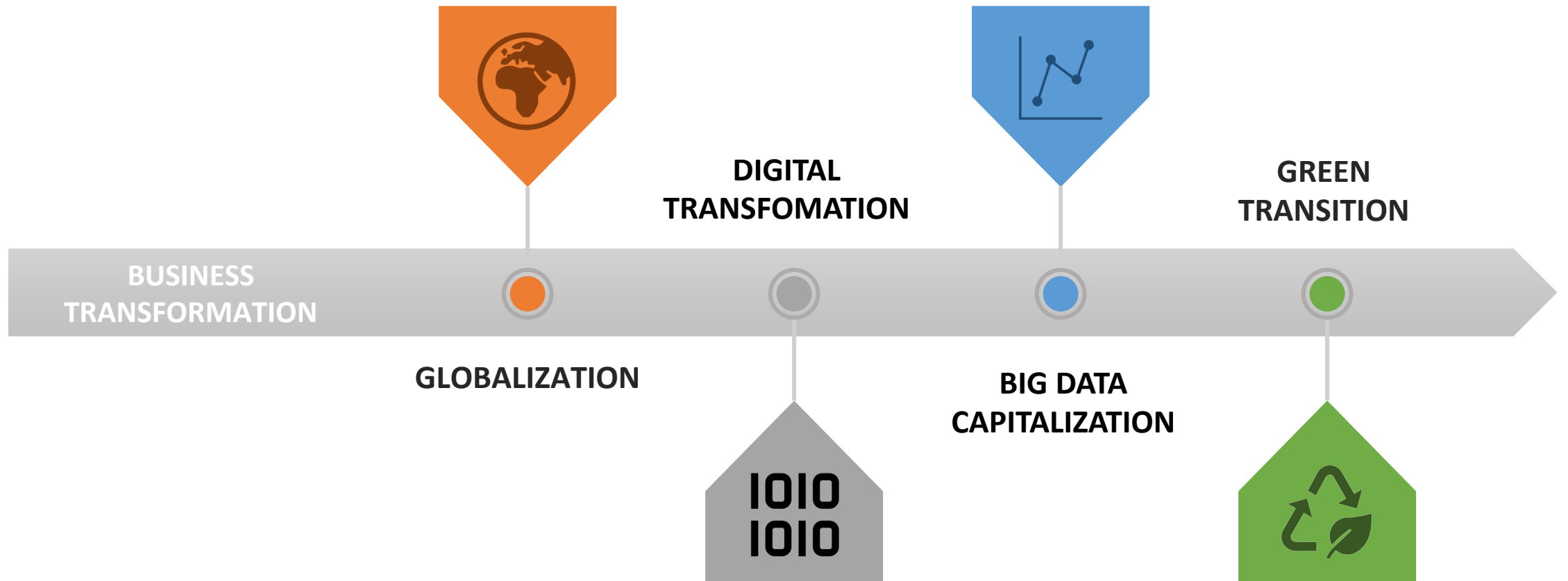
BUSINESS

Core business areas
Advanced business areas

MANAGEMENT ENGINEER



THE NAVIGATOR



LEARNING OUTCOMES

SOFT SKILLS

Team working, leadership, flexibility, problem-solving orientation, digital orientation, international orientation

HARD SKILLS

Detailed and scientific knowledge and skills related to business and management



MSc in Management Engineering

STUDY PROGRAM

STUDY PROGRAM STRUCTURE

120 CFU - 2 years

60
ECTS

FOUNDATION
SUBJECTS

33
ECTS

SPECIALIZATION
TRACKS

12
ECTS

FREE LABS AND
SUBJECTS

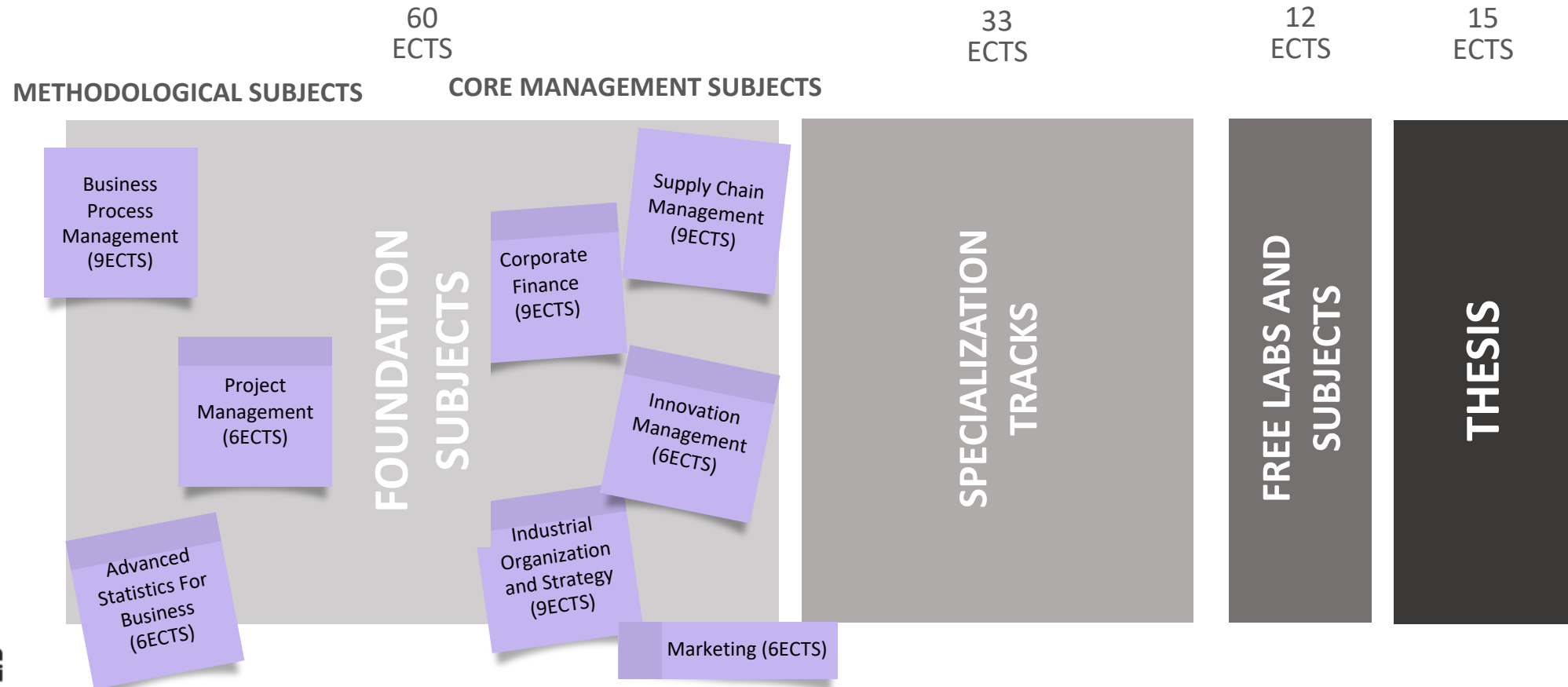
15
ECTS

THESIS



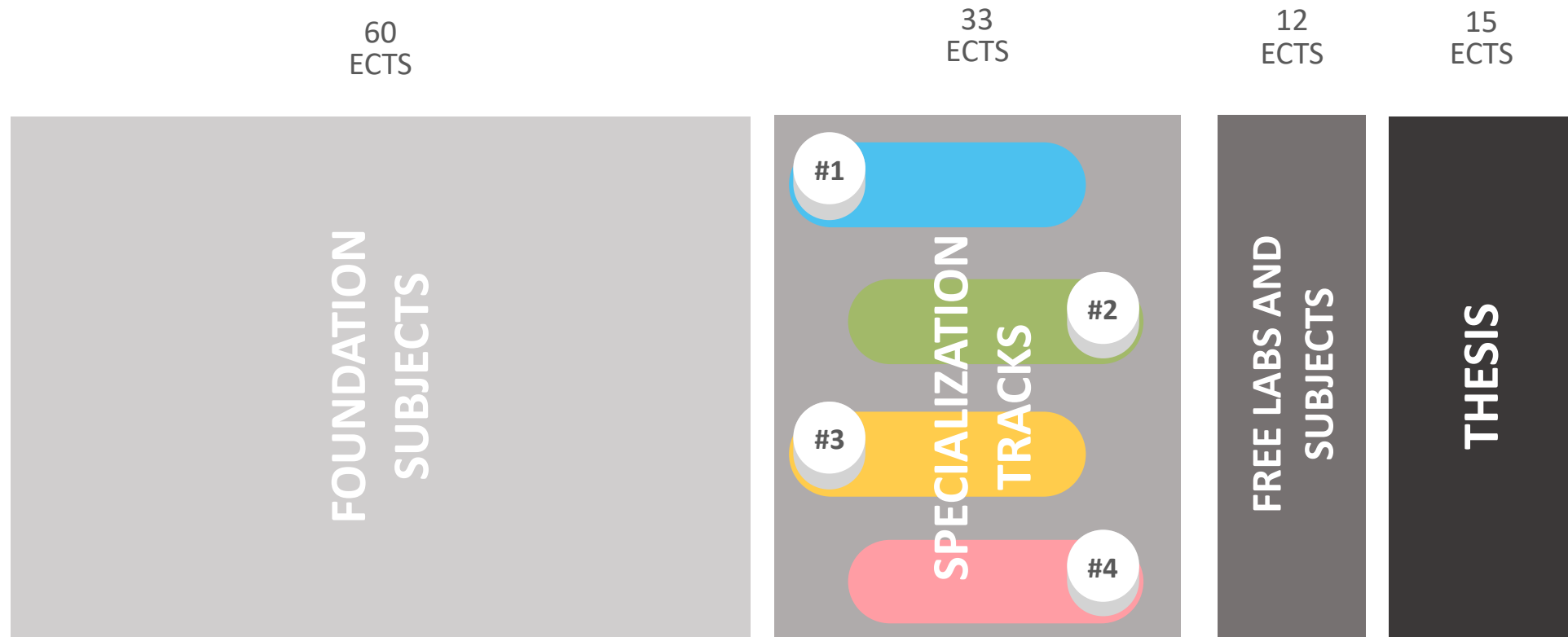
FOUNDATION SUBJECTS

120 CFU - 2 years



STUDY PROGRAM STRUCTURE

120 CFU - 2 years



SPECIALIZATION TRACKS

SUSTAINABILITY AND SOCIAL IMPACT

track aims to get students acquainted with the societal challenges, the new economic paradigms and the technological breakthroughs that push transitions towards sustainable production and consumption

INNOVATION AND ENTREPRENEURSHIP

track allows students to develop competences required to manage innovation projects and understand the major challenges and success factors in launching a new business

#1

#2

#3

#4

DIGITAL TRANSFORMATION

track aims to provide students with competences to understand the connections between manufacturing, management and digital technologies and leverage on their related business opportunities

DATA ANALYTICS FOR BUSINESS

track allows students to learn how to organize, manage and analyze data to turn the information into data-powered business strategies

FOUNDATION
SUBJECTS

#1

ON

#2

#3

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#4

FREE LABS AND
SUBJECTS

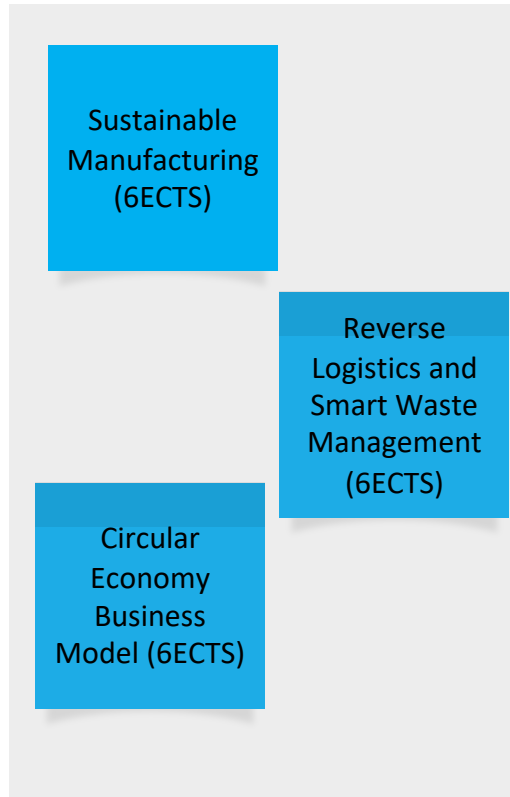
THESIS



SPECIALIZATION TRACKS

#1 SUSTAINABILITY AND SOCIAL IMPACT

CORE TRACK SUBJECTS



ELECTIVE CHARACTERIZING (1 OUT OF 8 - 6 ECTS)



ELECTIVE ADDITIONAL (1 OUT OF 5 - 6 ECTS)



Lab of LCA (3 ECTS)



SPECIALIZATION TRACKS

#2 DIGITAL TRANSFORMATION

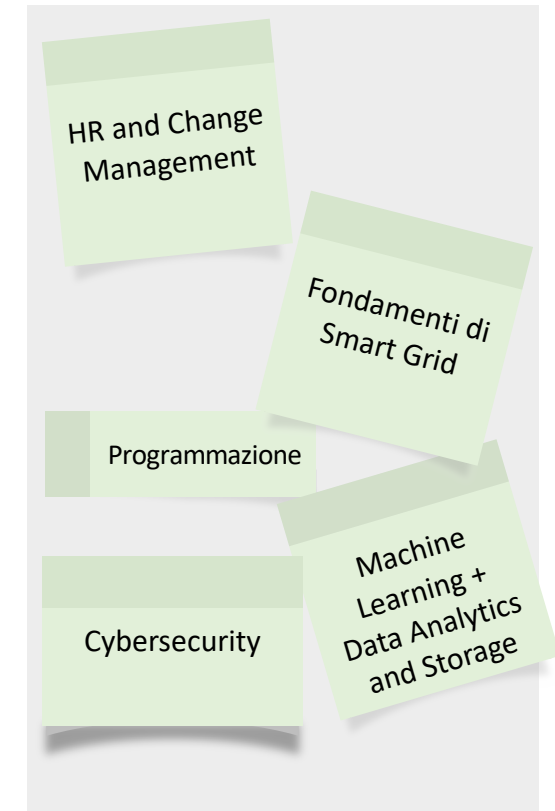
CORE TRACK SUBJECTS



ELECTIVE CHARACTERIZING (1 OUT OF 7 - 6 ECTS)



ELECTIVE ADDITIONAL (1 OUT OF 5 - 6 ECTS)



Lab of Business Process Digitalization (3ECTS)

SPECIALIZATION TRACKS

#3_ INNOVATION AND ENTREPRENEURSHIP

CORE TRACK SUBJECTS



ELECTIVE CHARACTERIZING (1 OUT OF 8 - 6 ECTS)



ELECTIVE ADDITIONAL (1 OUT OF 5 - 6 ECTS)



Lab of Crowdsourcing (3ECTS)



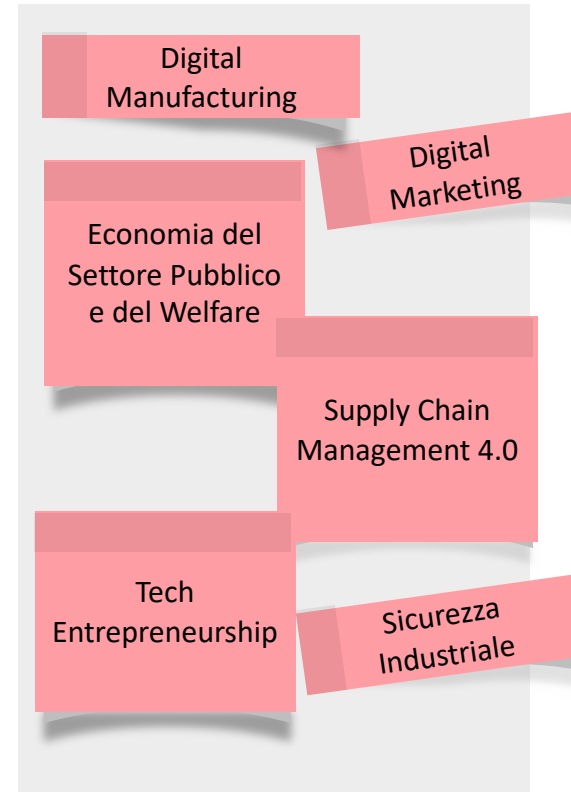
SPECIALIZATION TRACKS

#4 DATA ANALYTICS FOR BUSINESS

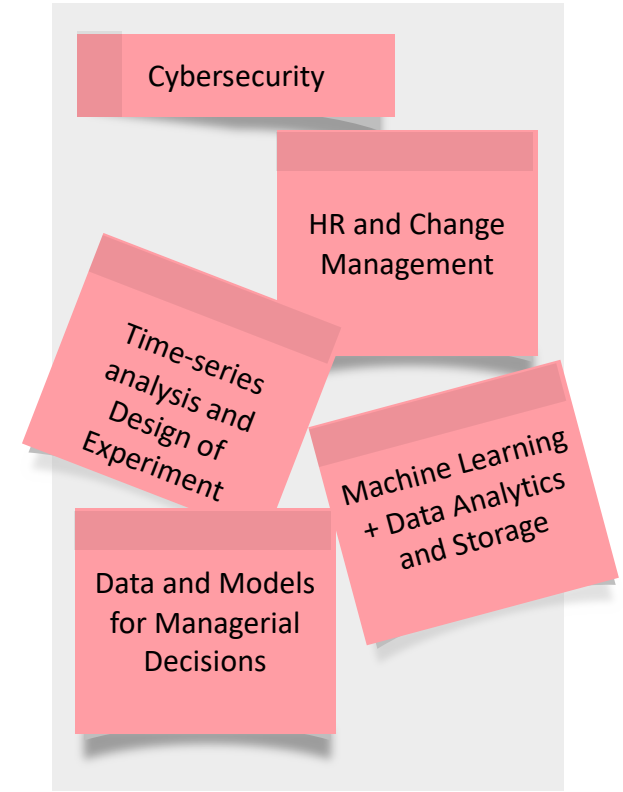
CORE TRACK SUBJECTS



ELECTIVE CHARACTERIZING (1 OUT OF 6 - 6 ECTS)



ELECTIVE ADDITIONAL (1 OUT OF 5 - 6 ECTS)



Lab of Statistics (3ECTS)



SPECIALIZATION TRACKS

#1_ SUSTAINABILITY AND SOCIAL IMPACT

Sustainable Manufacturing (6ECTS)

Circular Economy Business Models (6ECTS)

Reverse Logistics and Smart Waste Management (6ECTS)

Lab of Life Cycle Assessment (3 ECTS)

1 OUT OF 8 (6ECTS)

Advanced Project Management for Business
Service quality data-driven management
Manufacturing Processes for the Circular Economy
Digital Manufacturing
Additive Manufacturing
Economia del settore pubblico e del welfare
Sicurezza Industriale
Healthcare Operations Management

1 OUT OF 5 (6ECTS)

HR and Change Management
LCA of Energy System
Pianificazione e gestione dell'Energia
Fondamenti di Energie Rinnovabili
Impatto ambientale dei Sistemi Energetici

#2_ DIGITAL TRANSFORMATION

Smart Factory (6ECTS)

Digital Marketing (6ECTS)

Supply Chain Management 4.0 (6ECTS)

Lab of Business Process Digitalization (3ECTS)

1 OUT OF 7 (6ECTS)

Tech Entrepreneurship
Sicurezza Industriale
Additive Manufacturing
Advanced Project Management for Business
Strategic Management and Open Innovation
Digital Manufacturing
Process and System Simulation

1 OUT OF 5 (6 ECTS)

HR and Change Management
Programmazione
Machine Learning + Data Analytics and Storage
Cybersecurity
Fondamenti di Smart Grid

#3_ INNOVATION AND ENTREPRENEURSHIP

Tech Entrepreneurship (6ECTS)

Product/process innovation (6ECTS)

Strategic Management and Open Innovation (6ECTS)

Lab of Crowdsourcing (3ECTS)

1 OUT OF 8 (6ECTS)

Smart Factory
Digital Marketing
Digital Manufacturing
Manufacturing Processes for the Circular Economy
Economia del settore pubblico e del welfare
Advanced Project Management for Business
Supply Chain Management 4.0
Sicurezza Industriale

1 OUT OF 5 (6 ECTS)

HR and Change Management
Competition Law
Intellectual Property Rights
Family Business
Risk Management

#4_ DATA ANALYTICS FOR BUSINESS

Advanced Project Management for Business (6ECTS)

Business Analytics (6ECTS)

Service quality data-driven management (6ECTS)

Lab of Statistics (3ECTS)

1 OUT OF 6 (6 ECTS)

Digital Marketing
Sicurezza Industriale
Digital Manufacturing
Economia del Settore Pubblico e del Welfare
Supply Chain Management 4.0
Tech Entrepreneurship

1 OUT OF 5 (6 ECTS)

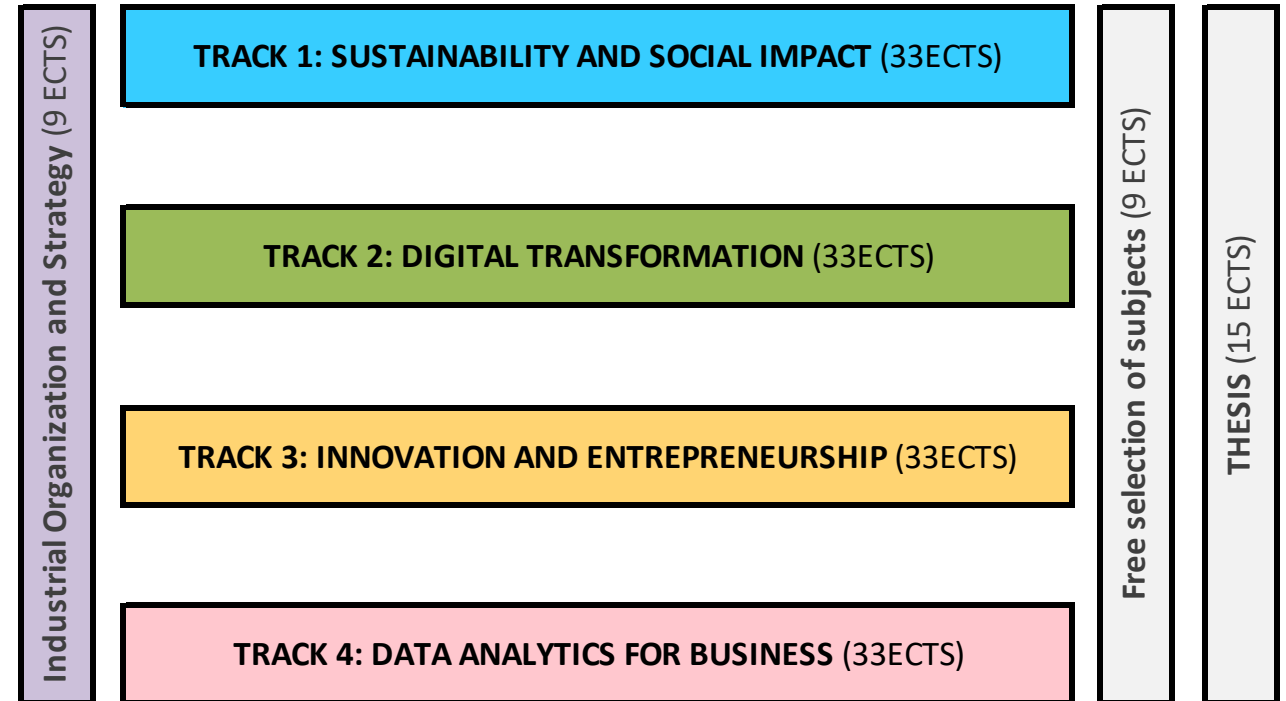
HR and Change Management
Time-series analysis and Design of Experiment
Data and Models for Managerial Decisions
Machine Learning + Data Analytics and Storage
Cybersecurity

STUDY PROGRAM

First year



Second year



LEARNING METHODS

ACTIVE LEARNING AND DESIGN THINKING



case studies, flipped
classroom, team
project works

**ACTIVE LEARNING
APPROACH**



field research and
project thesis

**THESIS AND
INTERNSHIP IN
COMPANIES**



seminar from
practitioners

**PRACTICE-ORIENTED
LEARNING**



Out-going and
in-coming mobility

**INTERNATIONAL
BREATH**



SEMINARS



Marida Sperandeo
Leather Goods Director at
Christian Dior Couture

Series
Meet *the* Manager

Dec 2022
3pm to 5pm
Online event

dj dipartimento
di ingegneria
unipa

dj dipartimento
di ingegneria
unipa



Università
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WORKSHOPS

McKinsey
& Company

Series
Closer *to* Industry

October 2022

3pm to 5pm

Online event

dj dipartimento
di ingegneria
unipa



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WORKSHOPS

**JUST SMART
PROJECT**

**Research and
consulting activities
with courthouses**

Jan - Sep 2023

**50 scholarships to be assigned
8.000€ each**

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unipa



**Università
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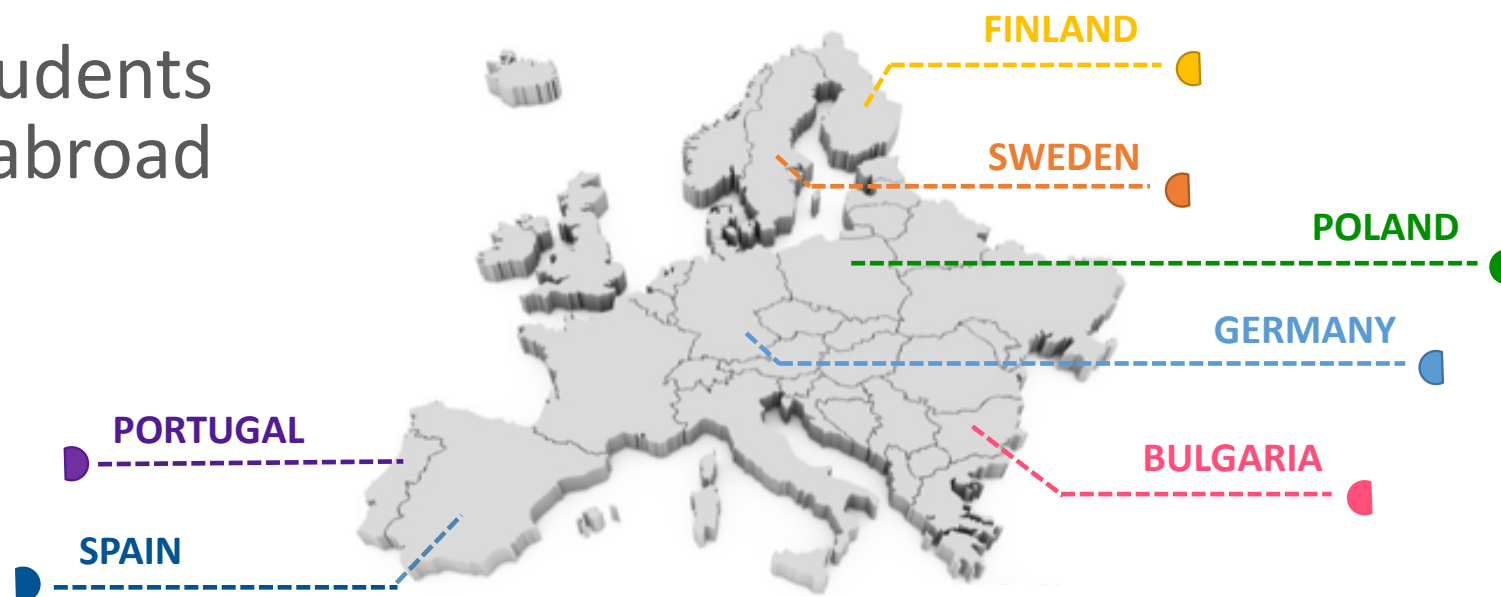
MSc in Management Engineering

AN INTERNATIONAL PROGRAMME

INTERNATIONAL MSc

more than **20** institutions
in **9** different Countries

over **65%** of our students
go abroad



INTERNATIONAL MSc



20%

Foreign students
*India, Spain,
Portugal, Iran,
Poland, Turkey,
Pakistan, etc.*

English

The programme
is entirely
taught in English



International speakers

Seminars and
workshops held
by international
invited
practitioners



MSc in Management Engineering

PLACEMENT & CAREERS

PLACEMENT

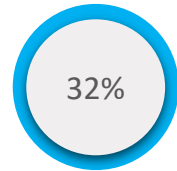
employment rate

100 %

time to employment

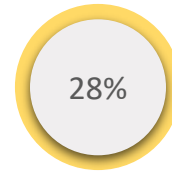
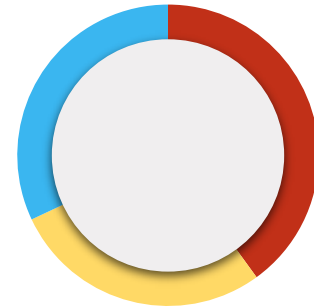
4,8 average months

PLACEMENT



Service Companies

Google, Amazon, Unicredit, Vodafone, Banca d'Italia, Poste Italiane, Enel, ISMETT, etc.



Manufacturing Companies

FCA, Nestlè, Bulgari, ENI, OMER, Irritec, Fincantieri, etc.



Business and IT Consulting Companies

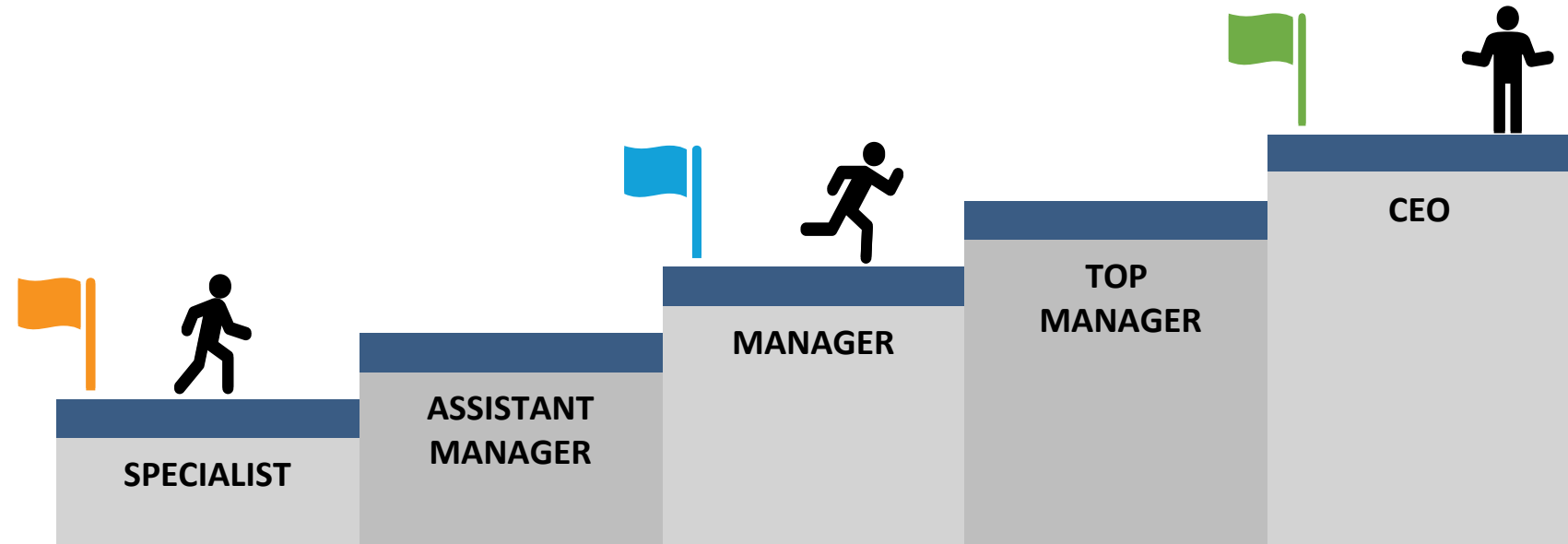
PwC, Deloitte, Ernst & Young, KPMG, Lipari Consulting, Reply, Accenture, etc.



PLACEMENT

WHICH ROLE?

It depends on time!



Career Timeline in Service/Manufacturing Companies



PALERMO VS. ITALY

Ingegneria
Palermo Gestionale



PERFORMANCE - COMPARISON	MSc Management Engineering UNIPA	MSc Management Engineering ITALY (Avg)
Tasso di occupazione (a 1 anno dalla laurea)	95,2%	84,8%
Laureandi complessivamente soddisfatti del CdS	93,7%	93,4%
Laureati che si iscriverebbero di nuovo allo stesso corso di studio	83,5%	70,3%



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Ingegneria
Palermo Gestionale

ONLINE
BRAND-NEW!



**Università
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WHY AN ONLINE PROGRAM?



**GEOGRAPHICAL
DISTANCE**



**PROFESSIONAL
COMMITMENTS**



**OTHER
REASONS**



ADMISSION REQUIREMENTS



Basics of Mft Technology/Operations



Basics of Business/Economics



Basics of Statistics



Bachelor Degree in Engineering



CONTACTS



email

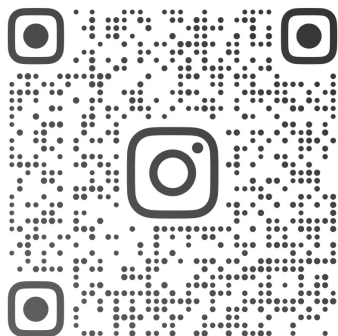
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website

<https://www.unipa.it/dipartimenti/ingegneria/cds/managementengineering2255>



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