Mediterranean Institute of Tunis
MIT Polytech

Engineering School
Since 2013

Computer Engineering Cycle

1.
Presentation of MIT Polytech

Who Are We?

Mediterranean Institute of Tunis

- **Ecole Polytechnique Méditerranéenne Privée de Tunis, EPM de Tunis (Mediterranean Institute of Tunisia: MIT Polytech)**
- **Initial Agreement date by Ministry** : 2013
- **Activity**: Education (University; High school)
- **Address** : 2, Rue de Sousse 1006Tunis
- **Phone** : 216- 71 283416 ; **Fax** : 216- 71 283 419
- **Web Site :** www.mit.tn; www.mit-polytech.tn , contact@mit-polytech.tn

2.
Degrees

Degrees

- **Preparatory Cycle**
  - **Math / Physics**
- **Bachelor Degree**
  - **Embedded Systems & IoT**
  - **Business Intelligence (BI)**
  - **Software Engineering & Information System (GLSI)**
  - **Electrical Engineering**

Degrees

- **Masters**
  - **Audit and Energy Efficiency**
  - **Embedded Communication and Network Security**
  - **Development of Information Systems**
  - **Systems Management : Quality, Safety and Environment**

Degrees

- **Engineering Cycles**
  - **Computer Science :**
    - Computer Systems, Software and Networks
    - Business Intelligence
  - **Industrial and Logistics Engineering**
  - **Mechatronics Engineering**

Computer Engineering Cycle at MIT Polytech

Our Objective

The Computer Engineering Cycle has the objective of training engineers to master all the methods, techniques and tools necessary for the design, development and implementation of systems based on an efficient and secure technologies.

- **Computer Systems, Software and Networks**
- **Business Intelligence**

Our Main Goals

- **Training Engineers**
  - **High technical skills**
  - **A solid background in analysis and software design**
  - **A global but accurate vision on new technologies**

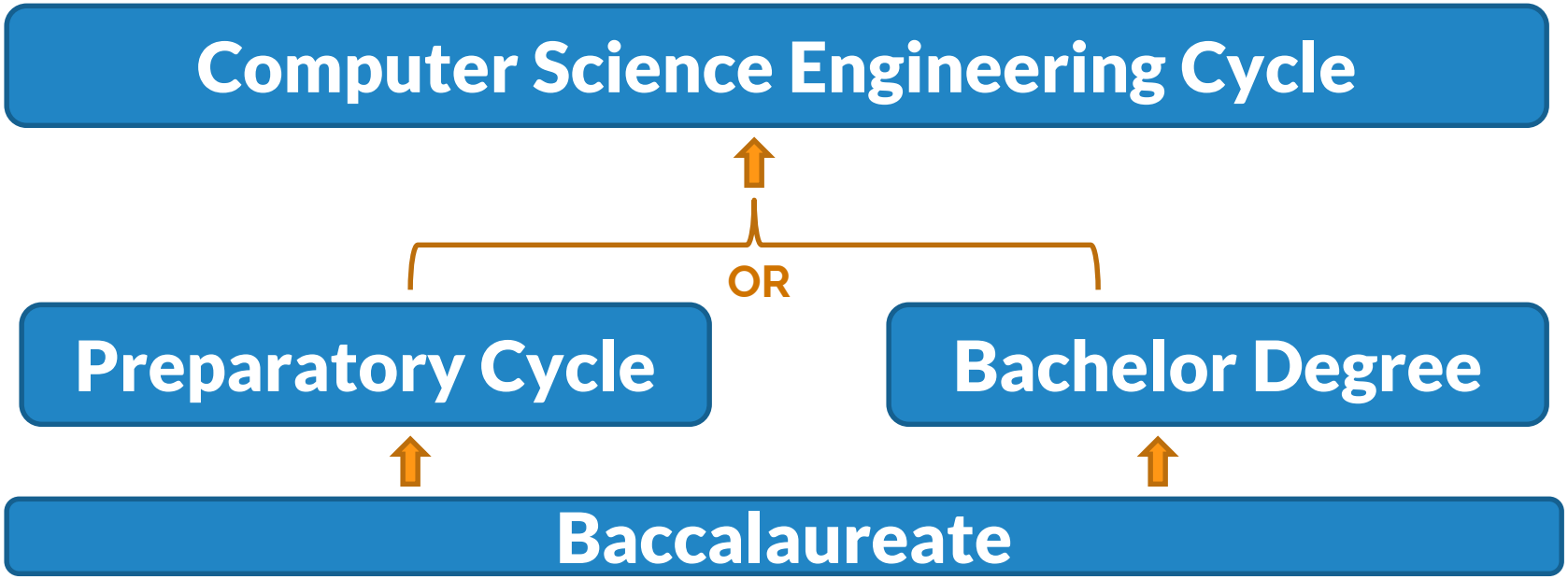
Our Main Goals

- **Training Humans**
  - **With a great team spirit**
  - **Able to listen, learn and criticize**
  - **Independent, reliable and rigorous**

Our Vision

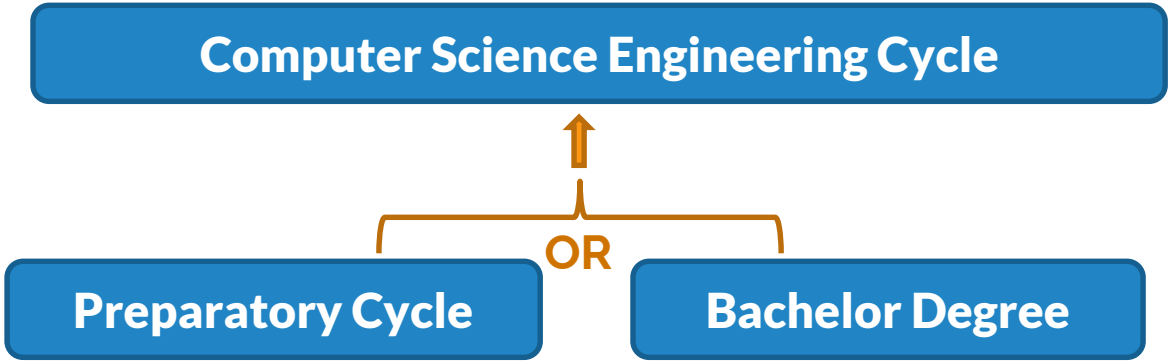
- **Enforce skills related to :**
  - **Data Analysis**
  - **IoT**
  - **Decision Making Systems**
  - **Cloud Computing**
  - **Network Security**
- **Promote collaborations with national and international stakeholders**

3.
Admission Requirements



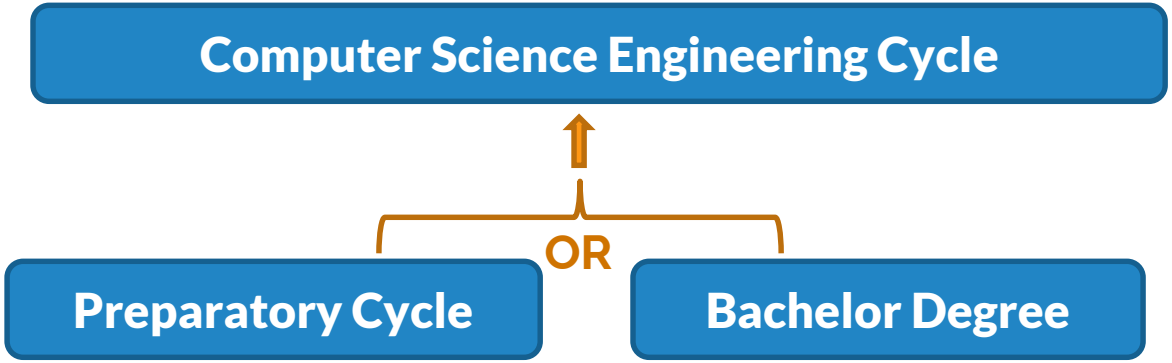
- Those who passed the internal assessment (exam) to access engineering studies. This exam is organized for the students of the second preparatory year.
- Students who passed the national exam of entrance to Engineering Schools.
- Students holding a bachelor degree consistent with the path of the Engineering Cycle.
- Students who succeeded in external exams organized by the General Direction of Technological Studies (MESRS) of the Ministry of Higher Education.

Internal Students at MIT Polytech



Common Conditions	Specific Conditions for Bachelor Degree Holder
1. Circular of the Ministry of Higher Education	1. Pedagogic Committee 2. Summer School + Upgrade courses

External Students to MIT Polytech



Common Conditions	Specific Conditions for Foreign students from Africa
1. Circular of the Ministry of Higher Education that will be applied only to Tunisian students (the same as for Internal students)	1. Assessment (Exam) : writing and oral interviews 2. Summer School + Upgrade courses

Number of Students 2021

4.

Duration & Course Structure

Duration : 3 Years , each year 2 semesters: +400 hours a semester : 200-400 extra home work

1st Year

1. Programming Basics, Applied Mathematics, Software Engineering, Networks & Systems, Human & Social Sciences
2. Databases, Advanced Programming, Innovation Management

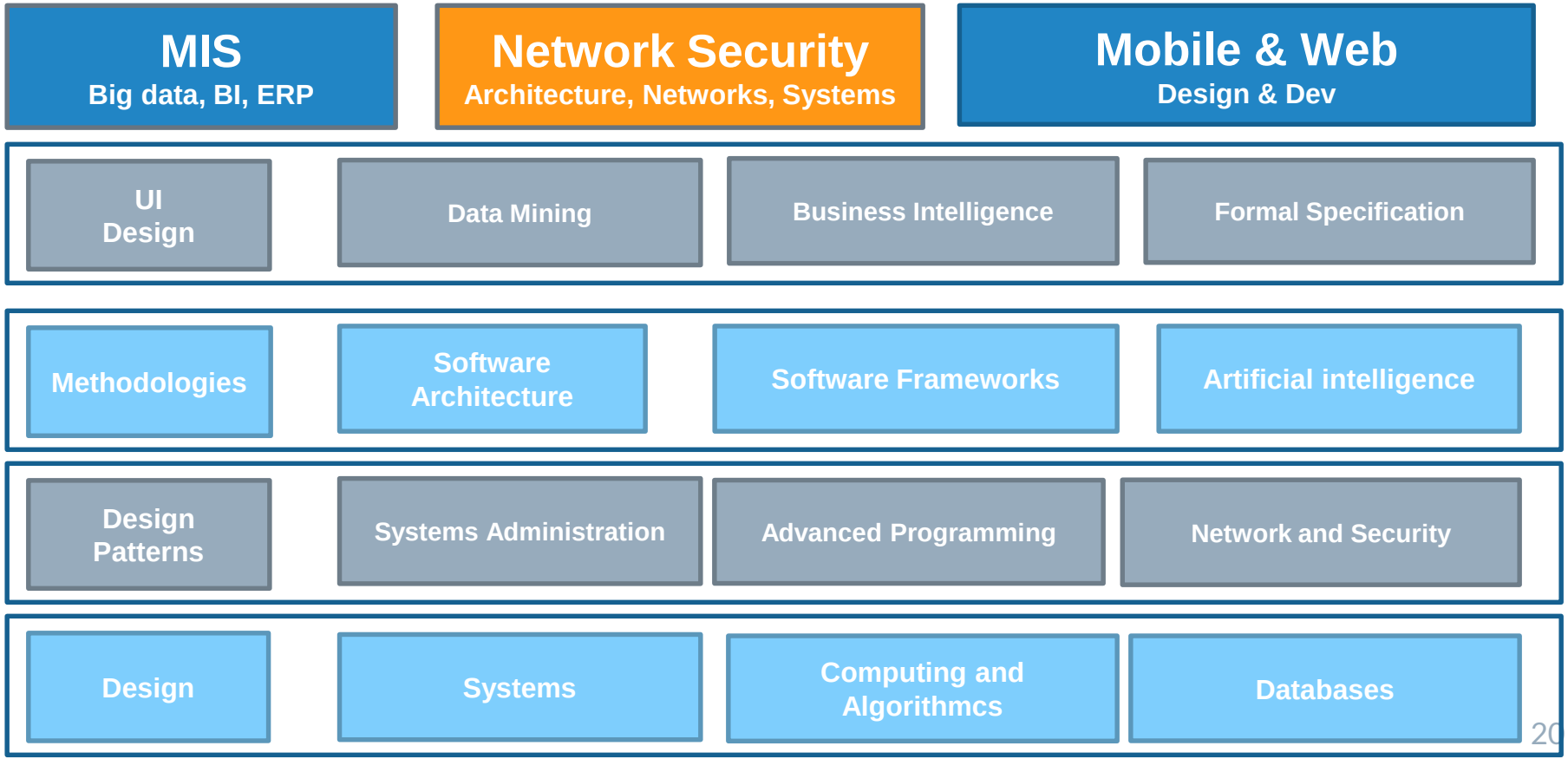
2nd Year

1. Information and Knowledge Systems, Software Engineering, Networks, Telecommunication and Multimedia, Internship & Projects, Cloud Computing
2. Network Programming, Operational Research, Network Services and Applications, Project Management, Decision Making Systems, Advanced Databases

3rd Year

1. Distributed Architectures, Data Analysis & Security, Network Security, Networks & Performances, IoT
2. Project at industrial company

Our Program

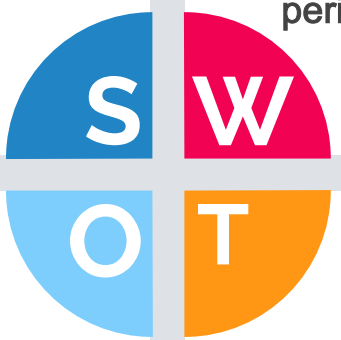

MIS
Big data, BI, ERP
Network Security
Architecture, Networks, Systems
Mobile & Web
Design & Dev
UI Design
Data Mining
Business Intelligence
Formal Specification
Methodologies
Software Architecture
Software Frameworks
Artificial intelligence
Design Patterns
Systems Administration
Advanced Programming
Network and Security
Design
Systems
Computing and Algorithmcs
Databases

Our students Clubs

- Club Oracle
- Club CISCO
- Club Soft Skills
- Club Robotics

5.
Agility for Opportunities & New Technologies

SWOT Analysis



STRENGTHS

- Language certification system included in the curriculum
- Academic and Technical human skills

WEAKNESSES

- Lack of housing for first-time entrants in periods of high demand (beginning of year)

OPPORTUNITIES

- Emergence of new Technology

THREATS

- Economic Conditions

6.
Targeted Skills

Network Engineer

Full stack Developer

Network system administrator

DBA

Java Developer

Data analyst

Software developer

Embedded systems engineer

Where do MIT Engineers work:

- **Vermeg Group**
  - **Software Developer**
- **ATS Digital Dev**
  - **Data Analyst**
- **Indigo**
  - **ERP Consultant**
- **Cloud Temple**
  - **Network Systems Engineer**
- **CTMA**
  - **Networks Administrator**
- **Startups**
  - **CEO**

Thanks!

Any questions?

You can find us at:

www.mit.tn

www.mit-polytech.tn

contact@mit-polytech.tn

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