



# EUROPEAN METAL AM ENGINEER MSC SPECIALIZATIONS

Based on a harmonized Modular Framework, integrated on the International AM Qualification System (IAMQS)<sup>1</sup>, with **four** Specializations in Metal AM.

Metal AM  
Process  
Engineer  
DED-Arc

Metal AM  
Process  
Engineer  
DED- LB

Metal AM  
Process  
Engineer  
PBF- LB

Metal AM  
Coordinator

## ADVANTAGES

of being part of the **IAMQS** and implementing the European **Metal AM Engineer MSc**.



**Award of an International Diploma**, recognised by Industry (Employability of Students).



Contributing for tackling industrial needs for **highly qualified personnel** in Metal AM Engineering.



Accessing to the updates of the **Specializations** within the International AM Qualification System.



Different Universities around the world will be able to implement them due to its **modular framework**.



Universities can be part of an **International Network of Universities**.



**Exchange of Best Practices** between Universities.



**Network opportunities** between International Network of Universities and Companies connected to AM.



**Mobility of Students**.

<sup>1</sup>The management of the International AM Qualification System (IAMQS) is done by EWF. For more information, please contact [ewf@ewf.be](mailto:ewf@ewf.be)

## COMMON BRANCH

- DED-Arc Process (I+A)
- DED-LB Process (I+A)
- PBF-LB Process (I+A)
- Additive Manufacturing Processes Overview
- Post Processing
- Introduction to materials
- Process Selection
- Metal AM Integration
- Coordination Activities



2CUs to be selected from below:

- AM with steels feedstock (excluding SS)
- AM with SS feedstock
- AM with Nickel feedstock
- AM with Titanium feedstock
- AM with Tungsten feedstock
- Biomedical metallic material

METAL AM COORDINATOR



## SPECIALIZATION

- Production of DED-Arc parts
- Conformity of DED-Arc parts
- Conformity of facilities featuring DED-Arc

**DED-Arc Engineer**

- Production of DED-LB parts
- Conformity of DED-LB parts
- Conformity of facilities featuring DED-LB

**DED-LB Engineer**

- Production of PBF-LB parts
- Conformity of PBF-LB parts
- Conformity of facilities featuring PBF-LB

**PBF-LB Engineer**

METAL AM PROCESS ENGINEER

To implement or apply for one of the courses within the International AM Qualification System (IAMQS), please contact EWF at [ewf@ewf.be](mailto:ewf@ewf.be)

**PARTNERS:**

