

- **DOUBLE MASTER'S DEGREE**
- **TEACHING IN ENGLISH**
- **INDUSTRY EXPERIENCES**
- **ERASMUS MUNDUS SCHOLARSHIPS**
- RESEARCH EXCELLENCE
- **EMPLOYMENT OPPORTUNITIES**
- GLOBAL NETWORK OF 50+ INDUSTRY **AND RESEARCH PARTNERS**



MIR COORDINATION OFFICE

MSc in Marine and Maritime Intelligent Robotics

University of Toulon CS 60584 **83041 TOULON CEDEX 9 FRANCE** mundus-mir@univ-tln.fr mir-candidate@univ-tln.fr

MIR DIRECTOR

Assoc. Prof. Ricard Marxer Head of DYNI Team (LIS lab)

INTERNATIONALISATION OFFICER -**ASSOCIATE PARTNERS**

Mrs. Céline Barbier

EDUCATION MANAGER

Prof. Vincent Hugel Head of COSMER lab

MIR PEDAGOGICAL SECRETARY

Mrs. Célia Cau

The MIR consortium consists of 50+ industry and research partners in 21 countries with which MIR students have the possibility to conduct their thesis and can continue on to do a PhD.















MIR PROGRAMME

4 SEMESTRES / 120 ECTS

IN THE FIRST YEAR

Semester 1 and semester 2

In France at the University of Toulon (UTLN) students will acquire a solid background in Marine Science, Robotics and Artificial Intelligence.

IN THE SECOND YEAR

Semester 3

In Spain at UJI, or in Norway at NTNU, or in Portugal at IST-UL.

Semester 4

is devoted to a Master's thesis in the context of a research or industry internship.





3 STUDY TRACKS

TRACKS	SEMESTER 1 30 ECTS	SEMESTER 2 30 ECTS	SEMESTER 3 30 ECTS	SEMESTER 4 30 ECTS
Study track 1 APPLIED ROBOTICS FOR UNDERWATER INTERVENTION MISSIONS	TEACHING UNITS		# UNDERWATER	
	 Marine science & environment Artificial Intelligence 	 Transversal skills (reliability & risk assessment, Alfairness & transparency, etc.) 	INTERVENTIONS	Thesis with principal supervision at UJI or an associated partner
Study track 2 SAFE AUTONOMOUS SUBSEA OPERATIONS	▶ Robotics	Al & robotics, and its applications taught by UTLN and guest lecturers Joint introduction to study track specialisations (UJI, NTSU, IST) Industry led seminars (options) Entrepreneurship industry & research project	# DEEP SEA OPERATIONS NTNU	Thesis with principal supervision at NTNU or UTLN or an associated partner
Study track 3 COOPERATIVE MARINE ROBOTICS FOR SCIENTIFIC & COMMERCIAL APPLICATIONS			# COOPERATIVE ROBOTICS	Thesis with principal supervision at IST or an associated partner
	UTLN	UTLN	IST	

Induction weeks (2 weeks induction with joint industry

MIR Joint Annual Symposium & Championship (1 week to be held at a different partner each year) MIR Joint Annual Symposium & Championship (1 week to be held at a different partner each year)