

ITALIAN NAVAL



INTERNATIONAL FALL SEMESTER









STUDIES CURRICULUM







1. INTRODUCTION

1.1. Pre-conditions for Participation in the International Semester

- Only military Officer Cadets/Midshipmen with an appropriate military background are eligible to participate in the entire International Fall Semester. Exceptions are to be addressed on a caseto-case basis.
- The Officer Cadets' pre-conditions for participation in the semester are:
 - english language according to point 1.2.;
 - fulfilment of physical standards of the belonging Institution;
 - basic managerial, communication and leadership competences;
 - basic negotiation and problem solving skills;
 - ability to plan, organize and accept responsibility;
 - basic knowledge of computers.
- Civilian Students are not foreseen to participate in the semester.

1.2. Language

- The entire International Fall Semester is offered in English language.
- The Common European Framework of Reference for Languages (CEFR) Level B1 or NATO STANAG Level 2 is highly recommended (but not mandatory) for Cadets' participation.

1.3. Contents/Duration

- The International Semester is worth 25 ECTS (29 with Military Leadership C physical training) and lasts 3 months. This fulfils the requirements for ERASMUS+ support.
- All the Common Modules, which are an integral part of the Italian accreditation, are also part of the International Fall Semester.





1.4. Applications and Registration

- Please use the attached application form in Annex 1 (if you do not know your flight data at this stage you can send them later on) and send it to POCs according to point 1.10.. Last date for registration is 31st August 2019.
- Dates:
 - the International Semester starts on 30th September 2019 and ends on 31st December 2019.
 - arrival: 29th September 2019 (not earlier, not later) or the day before the module attended.
 - departure: to be negotiated on a case-to-case basis after the last classes.
- A mixture of Countries/Institutions is instrumental to increase of intercultural competences; consequently a maximum of 1 Cadet per Country is allowed.
- Participation will be assigned in the order of receipt of reservations.

1.5. Accommodation & Meals

- According to EMILYO-LoD 5 (framework), accommodation, meals, and other expenses in relation to the education are free of charge for members of European Union Basic Officer Education Institutions (<u>http://www.emilyo.eu/node/982</u>).
- For Non-EU Members the rules follow the bilateral regulations and contracts.
- No course fee is required.

1.6. Permission for Stay

- According to national Italian rules/law, the permission of stay shall be requested via the sending Institutions' Country national (military) diplomatic chain of command.
- A "Request for Visit (RfV)" is to be passed via the sending country's echelons to the sending country's embassy in Italy.
- Without this procedure, unfortunately, Officer Cadets/Midshipmen will not receive a permission of stay by the Italian Defence Staff, thus preventing their participation in the international semester.





1.7. Transportation

- Participants are requested to make their own travel arrangements <u>to and from Pisa International</u> <u>Airport (PSA)</u>.
- The Italian Naval Academy will provide free transport from the PSA to the Academy and back. A
 representative from the Italian Naval Academy will meet the participants at the Arrival Terminal
 of the PSA, according to the flight schedule.

1.8. Uniform/Dress Code

- In accordance with the dress code in force within the Italian Naval Academy, shorts and denim trousers are not allowed. For detailed information, <u>see Annex 3 and NATO publication "The</u> <u>strategic Commanders' guide to protocol"</u>.
- The following clothes are authorized:
 - arrival/departure and short leave: Informal/Causal/Very casual
 - opening/closing ceremony: Ceremonial Dress and Service Uniform
 - courses: Working Dress uniform (no tie) or Field Dress
 - sports activities: Own Academy shorts, t-shirt and tracksuit¹

1.9. University of Pisa and ECTS recognition

- Those who participate in the entire semester, <u>before arrival</u>, shall submit an application as follows:
 - connect to the University web site Incoming students: <u>https://unipi.erasmusmanager.it/studenti/</u>.
 - click on "Practical information for mobility students" link and sign in at "ALICE Portal".
 - on the same web page of incoming students, complete and submit the University of Pisa "Application form" in which they will be asked to upload the Learning Agreement before the mobility and receive the validation from the University Erasmus coordinator.
- For single/multiple modules application, midshipmen/cadets are managed by the University of Pisa like "visiting students" and accreditation on Alice Portal is not necessary.
- The results of the exams and the ECTS will be communicated by the Italian Naval Academy to the PoC reported in the Application form forwarded.

¹ it is possible to bring technical sports clothing and equipment useful for practicing the sports listed in Annex 2.





1.10. Point of Contact

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2. Contents

2.1. Overview (according to the sequence of the modules/classes)

TYPE ²	Class	ECTS	WEEK	ADDITIONAL PARTICIPANTS	REMARKS
NCM	LEADERSHIP SEMINAR	2	30.09.2019 05.10.2019	YES	
NCM	CYBER DEFENCE (RESILIENCE)	2	07.10.2019 12.10.2019	YES	
СМ	CYBER SECURITY	2	14.10.2019 19.10.2019	YES	
СМ	LAW OF ARMED CONFLICT	2	21.10.2019 26.10.2019	YES	
NCM	STRATEGIC STUDIES (MOD. A)	2	28.10.2019 02.11.2019	YES	
NCM	STRATEGIC STUDIES (MOD. B)	2	04.11.2019 09.11.2019	YES	
СМ	COMMON SECURITY DEFENCE POLICY	2	11.11.2019 16.11.2019	YES	
NCM	INTEGRATED LOGISTIC	2	18.11.2019 23.11.2019	YES	
СМ	MARITIME SECURITY	2	25.11.2019 30.11.2019	YES	
СМ	CMO/PSO	3	02.12.2019 07.12.2019	YES	
NCM	HISTORY OF INTERNATIONAL RELATIONS (MOD. A)	2	09.12.2019 14.12.2019	YES	
NCM	HISTORY OF INTERNATIONAL RELATIONS (MOD. B)	2	16.12.2019 21.12.2019	YES	
СМ	MILITARY LEADERSHIP C (PHYSICAL EDUCATION)	2 + 2	30.09.2019 21.12.2019	YES	Conducted during the entire semester
	CHRISTMAS BREAK				
NCM	EXAM REPETITION ³	0	07.01.2020 13.01.2020	YES	In Livorno or on-line
NCM	EXAM REPETITION	0	14.01.2020 20.01.2020	YES	In Livorno or on-line
NCM	EXAM REPETITION	0	21.01.2020 27.01.2020	YES	In Livorno or on-line

 $^{^{2}}$ NCM = Non Common Module – CM = Common Module

³ In case of exam failure





2.2. In Detail

The detailed module descriptions of all Common Modules (here marked in blue) can be found on the EMILYO homepage: <u>http://www.emilyo.eu/node/988</u>. Non Common Modules are marked in green.

All modules are covered in the International Fall Semester and additional international cadets/midshipmen will participate with Italian Midshipmen of 7th Semester (4th year).

CLASS TITLE	LEADERSHIP SEMINAR
CREDITS	2 ECTS
TYPE OF CLASS	Integrated Class + Exercise
EXAM	To be taken at the end of the class.
TEACHING CONTENTS	 Leadership definitions and theories: a doctrinal overview. The bases of leadership in international field. Political leaders and communication in the works of Shakespeare. Leadership theories: case studies. Business improvement, change management and internal effective communication. Critical attitude and decision-making. The impact on leadership and team results. The leadership concept in the Far East. Personnel: the cornerstone of any military organization. Leadership and courage in operations.

CLASS TITLE	CYBER RESILIENCE
CREDITS	2 ECTS
TYPE OF CLASS	Integrated Class + Exercise
EXAM	To be taken at the end of the class.
TEACHING CONTENTS	 Information security, security of communications and data Encryption, Hashing, Authentication and digital signature, secure network architectures (Wired networks and wireless networks, IT networks, OT networks). Systems evaluation techniques. Vulnerability and methodologies of attack. Risk Assessment and Management (IT vs OT, Multidimensional threat, Vulnerability Assessment, Penetration Test). Network control methods (Logging, monitoring and analysis, IDS and Data Analysis Techniques, Near real-time security and communications).

CLASS TITLE	CYBER SECURITY
CREDITS	2 ECTS
TYPE OF CLASS	Integrated Class + Exercise
EXAM	To be taken at the end of the class.
TEACHING CONTENTS	 Cyber Security Organisations and standards. Cyber-attacks. Case studies. Cyber Security tools.





CLASS TITLE	LAW OF ARMED CONFLICT (LOAC)
CREDITS	2 ECTS
TYPE OF CLASS	Integrated Class
EXAM	To be taken at the end of the class.
TEACHING CONTENTS	 The legal status of man in international law, in particular in the Convention for the Protection of Human Rights and Fundamental Freedoms, commonly known as the European Convention on Human Rights (ECHR). The legal status of states, international organisations and subjects under international law. Key points of International Humanitarian Law. Sanctions of violations against the Law of Armed Conflict (LOAC). LOAC case studies for international organisations. Repercussions for the military leader. International Court of Justice. Rights and obligations of POWs. Maintenance and enforcement of International Humanitarian Law. International crisis management: from the Mandate to the Rules of Engagement. National sovereignty caveats and reservations in international crisis management. UN Charter, Chapters VI, VII, and VIII. Borderline cases.

CLASS TITLE	STRATEGIC STUDIES (Mod. A)
CREDITS	2 ECTS
TYPE OF CLASS	Integrated Class
EXAM	To be taken at the end of the class.
TEACHING CONTENTS	 International relations theories: comparison of the different schools of thought. The international system: characteristics, dynamics, contradictions and perspectives. The equilibrium systems: Bipolarity and Multipolarism, Polarity and conflict. Systemic interdependencies and globalization processes: effects on States and the role of international institutions, regimes. Foreign Policy, substantive theories: Theory of subjects (States, International Organizations, NGOs, Multinationals, etc.).

CLASS TITLE	STRATEGIC STUDIES (Mod. B)
CREDITS	2 ECTS
TYPE OF CLASS	Integrated Class
EXAM	To be taken at the end of the class.
TEACHING CONTENTS	 Contemporary definitions of strategy. Strategy and international relations. Security: Evolution of the concept of security and global strategy. New threats. Factors of crisis and vulnerability. Evolution of forms of war. Revolution in military affairs: technology and war, NET Centric Warfare. Maritime power. Mahan, McKinder, Haushofer, etc Geopolitics of extra-atmospheric space, Geostrategy and Geo-economics. The geopolitical concept of "Wide Mediterranean". The SLOC, the Gunboat diplomacy, the "Models" and the missions of the Navies. The "maritime power" in the new international context.





CLASS TITLE	COMMON SECURITY AND DEFENCE POLICY (CSDP)
CREDITS	2 ECTS
TYPE OF CLASS	Integrated Class
EXAM	To be taken at the end of the class.
TEACHING CONTENTS	 The European Union. The EU's Common Security and Defence Policy. EU Missions and Operations. EU relations with other international organisations (EU and partners: UN, NATO, OSCE, AU, ASEAN). Horizontal issues (regional aspects and neighbourhood policy, human rights, gender issues, child protection, legal aspects). The European Initiative for the exchange of young officers inspired by Erasmus.

CLASS TITLE	INTEGRATED LOGISTIC
CREDITS	2 ECTS
TYPE OF CLASS	Integrated Class
EXAM	To be taken at the end of the class.
TEACHING CONTENTS	 Logistics as a "functional area" and "process"; Logistics in "strategic operations management"; Integrated logistics; The evolution of logistics; Supply chain management; The management of physical, economic-financial and information flows; The future evolutionary perspectives of logistics.

CLASS TITLE	MARITIME SECURITY
CREDITS	2 ECTS
TYPE OF CLASS	Integrated Class + Exercise
EXAM	To be taken at the end of the class.
TEACHING CONTENTS	 Maritime Security Concept. State, regional and international aspects on Maritime Security. EU Maritime Security Strategy. Maritime Security Operations, Maritime Policy. Maritime Transport Infrastructure Security. Technology Usage on Maritime Security.





CLASS TITLE	CMO/PSO
CREDITS	3 ECTS
TYPE OF CLASS	Integrated Class
EXAM	To be taken at the end of the class.
TEACHING CONTENTS	 Protection of Cultural Property, International Humanitarian Law, Basics and creation of Rules of Engagement, Creation of a Soldiers' Card, Law of Armed Conflict. UN, EU, NATO, OSCE, AU, CMO Techniques. International Logistics and Host Nation Support, Status of Forces Agreement (SOFA). Basics of CIMIC and Force Protection (in parts referring to Scenario). Specifics of multinational operations (incl. attack, defence, delay, FIBUA, CRC), Acquisition of information (possibilities).

CLASS TITLE	HISTORY OF INTERNATIONAL RELATIONS (Mod. A)
CREDITS	2 ECTS
TYPE OF CLASS	Integrated Class
EXAM	To be taken at the end of the class.
TEACHING CONTENTS	 Origin and method of the history of International relationships. The new international order (1870-1900) and the partition of Africa. The international balance on the eve of the 1st World War. From war to peace (1914-1921). From the age of collective security to the years of crisis (1925-1933). The 2nd World War and its effects on extra-European scenarios. Supremacy of USA and USSR: the bipolar system and the cold war. Decolonization. From the Korean war to the missile crisis in Cuba. The Middle East: from pan-Arabism to the rebirth of Islam.

CLASS TITLE	HISTORY OF INTERNATIONAL RELATIONS (Mod. B)
CREDITS	2 ECTS
TYPE OF CLASS	Integrated Class
EXAM	To be taken at the end of the class.
TEACHING CONTENTS	 The new US policy in the Nixon years (1969-1974). The new world balance (1974-1992). The end of the cold war and the new international tensions (1992-2001). The decade of instability (2001-2009). Genesis and development of European integration in its fundamental stages. "The complex phenomenon of the so-called Arab Springs". "The Islamic radicalism in the Middle East, sub-Saharan Africa and the Maghreb". "The Ukrainian case studies". "The Syrian conflict and the prospects for normalization in the Middle East".





CLASS TITLE	MILITARY LEADERSHIP C (PHYSICAL EDUCATION)	
CREDITS	4 ECTS (2 ECTS Theoretical part + 2 ECTS practical part during the entire semester).	
TYPE OF CLASS	Integrated Class + Exercise	
EXAM	Trainees are to be observed and are to be evaluated concerning their leadership profiles, during training sessions. Theoretical background is to be tested and graded after the theoretical part.	
TEACHING CONTENTS	 First Aid. General and Specific (theoretical) Sports Education. Practical Sports Education. 	



ANNEX 1 APPLICATION FORM ITALIAN NAVAL ACADEMY INTERNATIONAL FALL SEMESTER 2019



Please do not forget to register your stay via your national (military) diplomatic chain of command!

Remarks:		Entire International Semester 30 Sep – 21 Dec 2019	CM CSDP 11 Nov – 16 Nov 2019
 Please fill in the yellow & blue fields only. Fill in 1 form for 1 person. 		Leadership seminar 30 Sep – 05 Oct 2019	Integrated logistic 18 Nov – 23 Nov 2019
 Click into the squares to mark, click again to unmark. 		Cyber Resilience 07 Oct – 12 Oct 2019	CM Maritime Security 25 Nov – 30 Nov 2019
 When concluded, send this form by 31 August 2019 to: 		CM Cyber security 14 Oct – 19 Oct 2019	CM CMO/PSO 02 Dec – 07 Dec 2019
patrizio.perin@marina.difesa.it and daniele.dalessandro@marina.difesa.it		CM Law of armed conflict 21 Oct – 26 Oct 2019	International relations (Mod.A) 09 Dec – 14 Dec 2019
Please send the application form with a copy of passport or ID card.		Strategic studies (Mod.A) 28 Oct – 02 Nov 2019	International relations (Mod.B) 16 Dec – 21 Dec 2019
See also: <u>http://www.emilyo.eu/node/878</u>		Strategic studies (Mod.B) 04 Nov – 09 Nov 2019	CM Military Leadership C 30 Sep – 21 Dec 2019

Male	Female	Rank	FAMILY NAME	First name (s)

Date of birth	Nationality	Passport or ID number	Passport or ID validity until
Click for date			Click for date

Branch of Service (if available)	Sending institution's name	I want to participate as:		te as:
		Student	Instructor	Observer

Phone number (if available)	Mobile number (if available)	E-mail address (es)

Arrival by plane	Arrival by train	Arrival by own car	Location of arrival	Arrival date	Arrival time
				Click for date	
Departure by plane	Departure by train	Departure by own car	Location of departure	Departure date	Departure time
				Click for date	

Special dietary or food requirements due to medical or religious reasons		If yes, please specify food you cannot eat
No	Yes	

Additional remarks (need for special equipment, special travel arrangements, etc.)

Point of contact (POC) of sending institute					
Male	Female	Rank	FAMIL	_Y NAME	First name
POC's phone number			er	POC	's e-mail address





ANNEX 2

SPORT ACTIVITES

TRACK AND FIELD TENNIS RUGBY BASKETBALL VOLLEYBALL FOOTBALL HORSE RIDING SHOOTING SELF DEFENCE

SWIMMING ROWING SAILING



















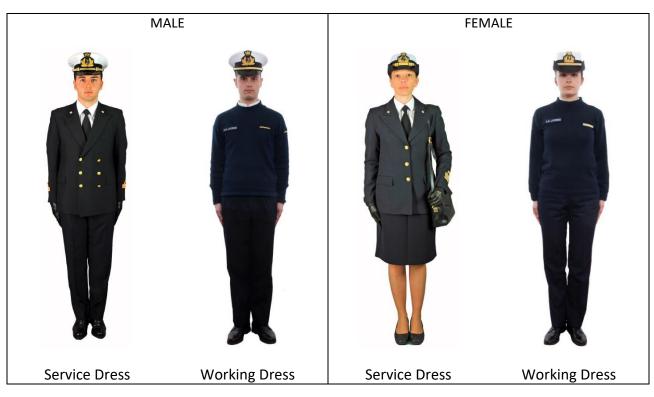




ANNEX 3

DRESS CODE

UNIFORMS



SPORTSWEAR







INFORMAL/CASUAL



VERY CASUAL







OUTDOOR



ACCESSORIES







EXCERPT FROM NATO PUBLICATION



"THE STRATEGIC COMMANDERS'

GUIDE TO PROTOCOL"

(NON-SENSITIVE INFORMATION RELEASABLE TO THE PUBLIC)

Chapter 3 – Etiquette

3.1 NATO Dress Code.

Winter Uniform	Summer Uniform	Civilian Attire	Appropriate Occasion for Wear
Mess Dress/Dinner Dress –	Mess Dress/Dinner Dress –	Black Tie	
(The most formal uniform) - Black Tie - Short Jacket as defined by	(The most formal uniform) - Black Tie - Short Jacket as defined by	- Dinner Jacket (smoking) - Bow Tie	- Military Dinners/Balls and National Receptions - State Function
National requirements - Tails as appropriate - Miniature Medals	National requirements - Tails as appropriate - Miniature Medals		
Ceremonial Dress - Service Dress with Medals - Swords and Gloves as required	Ceremonial Dress - Service Dress (lightweight equivalent) with Medals - Long Sleeves - Closed neck or tie	Formal - Dark Lounge/ Business Suit	- Formal Dinners/Luncheons
Service Dress (Class A) - Day Uniform with jacket and tie - Ribbons	Service Dress (Class A) - See Winter, lightweight equivalent, white with jacket for Navy	Informal - Lounge/ Business Suit - One Colour	- Informal Dinners/Luncheons - Cocktail Parties - Private Receptions/ Functions
Working Dress (Class B) - Service Dress without jacket - Pullover/Sweater may be worn	Working Dress (Class B) - Short Sleeved Shirt - Open Neck	Casual - Tie - Different colour slacks and jacket	- Informal Dinners/Luncheons Informal House Party
Field Dress - Combat Uniform	Field Dress - Combat Uniform, sleeves rolled up	Very Casual - Open neck	- Off-sites and Barbecues
Ladies: Protocol Offices do not dio dress. Ladies take their cue from	tate to civilian ladies correct form of the Men's Dress Code	Relaxed - Anything goes	

Guest Account Request Form

All fields are mandatory unless otherwise stated.

Guest Information Section

(to be completed by the Requestor)

Title	
First Name(s)	
Surname(s)	
Email*	
Birth Date	
Nationality	
Fiscal Code (optional)	
Passport Number or EU National Identity Card Number	
Mobile Number	
Stard date	
End date	

* private email address (not unipi.it)

I accept all the rules governing the use of the assigned Account (see the *Regolamento per l'accesso ai servizi di rete di Ateneo* for reference, <u>https://www.unipi.it/index.php/phoca-prova/category/2-regolamenti-di-ateneo</u>). I will maintain the confidentiality of my password. I understand that any abuse of access to the University's systems and their data, any illegal copying of software, and any misuse of the University's equipment may result in disciplinary action and will be reported to the competent authority.

Date (DD/MM/YYYY)

Requestor Signature

Identification Section

(to be completed by the Person in charge of the user registration)

I hereby state that I have identified the Requestor by the mean of his Passport/EU National Identity Card.

Date (DD/MM/YYYY)	First Name and Surname	Signature
Authorization Section		
(to be completed by the Head of Department/Structu	re)	
As Head of Department/Structure of		authorize the present request.
Date (DD/MM/YYYY)	First Name and Surname	Signature