



DEFENCE



Royal Military Academy

International Semesters for AY 22/23

May 3, 2022

Cdt Joachim Herpels

Head of International Office & E+ Coordinator



Welcome



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International Semesters AY 22/23

➤ Fall 22

- Master 01 in Social & Military Sciences
- Master 01 and 02 in Engineering
- 30 ECTS (or 33 ECTS in SSMW)
- Sep 22 to Jan 23

➤ Spring 23

- Master 01 in Engineering
- 30 ECTS
- Feb 23 to Jun 23



Program Fall Semester S&M Sc

Common courses	ECTS
Cultural dimensions of operations	3
Citizenship and military ethics	3
Defence economics	3
Propulsion of military platforms	3
Leadership	3

Defence & Security Technology

- TN911 Telecommunications and C4I
- TP912 Management of Cybersecurity
- EP915 Applied Mechanics
- WS913 Fire Control and Guided Weapons
- SM914 Mechanics of Materials and Structures
Land Vehicles Propulsion, Stability and Performance
- SM921
Aircraft Propulsion, Stability and Performance
- SM931
- SM941 Ship Propulsion, Stability and Performance

Management Studies

- DS951 Supply Chain Management
- DS952 Project and Program Management
- DS953 Performance Optimisation

Security Studies

- CS961 International Conflicts in Historical Perspective
- CS962 Strategic Studies
- CS963 Contemporary Security Issues



Program Fall Semester Engineering

Year	Sem	Track	Number	Code	Title
4	1		4	EP414	Electrical Power Systems
4	1		6	LS416	Leadership
4	1		5	DS415	Introduction to Engineering Management
4	1		2	SE412	Tactical Military Sensors
4	1		3	TP413	Cabin Environment of Military Platforms
4	1		1	WA411	Design Principles and Evaluation of Armament and Ammunition

Network enabled capabilities

5	1	1	1	SE511	Strategic Military Sensors
5	1	1	2	TN512	Distributed Information Systems
5	1	1	3	TN513	Information Networks
5	1	1	4	TN514	Advanced Wireless Communication Systems
5	1	1	5	TN515	Communication Subsystems
5	2	1	6	TP516	Cyber Defense

Structure, mobility and propulsion

5	1	2	2	EP522	Turbomachines
5	1	2	4	SM524	Numerical and Experimental Methods applied to Continuum Mechanics
5	1	2	5	SM525	Ageing of Systems
5	1	2	6	SM526	Mechanical Systems Integration
5	1	2	7	SM527	Autonomous Systems
5	1	2	1	TP521	Ballistic Impact and Protection: Applications
5	1	2	3	TP523	Effects of Explosions on Structures



Program Spring Semester Engineering

4	2	5	DS425	Intelligent Decision Support Methods
4	2	2	SE422	Digital Technology for Sensors and Weapons
4	2	6	SE426	Military Satellite based Positioning
4	2	3	TN423	Networks and Security Awareness
4	2	4	TP424	Ballistic Impact and Protection: Fundamentals
4	2	1	WA421	Guided Weapons



International Semesters AY 22/23

- All available information and application forms soon on Emilyo
- Deadline for Fall 22: 17 Jun 22
- Deadline for Spring 23: 09 Dec 22
- Limited number of participants



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