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**Information about Erasmus+ program  
at the Royal Military Academy - Brussels  
Academic year 2023/2024**

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General information

<b>Name of the institution</b>	Royal Military Academy
<b>Address</b>	Postal address of Campus Renaissance: Avenue de la Renaissance 30, 1000 Brussels Belgium  Entry of Campus Renaissance : Rue Hobbema 8, 1000 Brussels Belgium
<b>Erasmus ID code</b>	B BRUXEL01
<b>Internet links</b>	 <a href="http://www.rma.ac.be">www.rma.ac.be</a>  <a href="https://www.instagram.com/royal_military_academy">royal_military_academy</a>  <a href="https://www.facebook.com/ERM.KMS">ERM.KMS</a>
<b>Institutional coordinator of Erasmus+ programme:</b>	Senior Captain Matthias Bruneel  <a href="mailto:matthias.bruneel@mil.be">matthias.bruneel@mil.be</a>  +32 (0)2 44 13 714
<b>International office:</b>	 <a href="mailto:erm-international-office@mil.be">erm-international-office@mil.be</a>  +32 (0)2 44 13 968

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## General information about RMA

The Royal Military Academy is a military institution providing university level education and is responsible for the basic academic, military and physical training of future officers. The RMA is also in charge of the advanced training of officers throughout their career in the Belgian Defence Forces.

Officers graduated from the RMA are leaders capable of performing efficiently in diverse, complex and extraordinary circumstances. Education and training is tailored to the needs of the Belgian Defence (Army, Air Force, Navy and Medical Service) and integrates the values of our society.

## Practical information

Studies and exchange programmes at the Royal Military Academy are possible for institutions having signed a bilateral agreement with the RMA.

To participate in the Erasmus+ programme at the RMA for a semester or for a bachelor/master thesis, Cadets/Young Military Officers/Students are selected by their home Higher Education institutions. The details of this process depend on the policy of the different brother institutions, but in any case the sending Institution should send a nomination to the following e-mail addresses:

- [erm-international-office@mil.be](mailto:erm-international-office@mil.be)

### Nomination Process

Please note that the nomination should include student's names, e-mail address, study year and field at home university and other basic information. In addition, for the bachelor/master thesis, please note the following requirements :

- 1° : RMA requests specific details of the topic and the contact details of the promoter, designated by the sending institution for the monitoring of the student.
  - 2° : We expect that the writing of the bachelor/master thesis will be conducted in English, French or Dutch to allow the RMA co-promoter to properly follow-up the student.
  - 3° : We will be able to confirm the final acceptance of the bachelor/master thesis ONLY if we find a RMA co-promotor available and qualified for the topic.
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## Practical information

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### Application documents

- Student Application Form
- Learning Agreement for Studies or bachelor/master thesis
- Copy of ID card / passport
- Security Form «*not for Emilio members*»
- Proof of insurance
- All enrolled students must have in their possession official documentation of vaccination that includes the name of the vaccine received and the dates of vaccination.

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### Deadlines for the applications

- 1<sup>st</sup> Semester: 01 Jun 23

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### Language of courses / modules

- English → Required language skills : English NATO STANAG Level 2222

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### Accommodation & meals

- Cadets/Young Military Officers/Students enrolled for a semester will be fully integrated in a promotion and will share the daily life of our cadets.
  - Cadets/Young Military Officers/Students and trainees will be freely accommodated on the campus of the Royal Military Academy if they are coming from an institution member of the European Union Basic Officer Education Institutions, according to EMILYO-LoD 5 (framework). (<http://www.emilyo.eu/node/982>).
  - Given availability of rooms, civilian students from civilian institutions could be accommodated at their own expense.
  - Meals can be purchased at the dining facilities of the RMA under the same conditions of our cadets. Furthermore, during spare time plenty of dining possibilities are offered outside of the campus.
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**Royal Military Academy** - Brussels

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Practical information

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**Equipment**

Materials for the shooting stand with a personal protection equipment and a helmet.

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**Clothes**

During your stay you will need the following clothes:

- Field uniform
- Service dress uniform
- Casual civilian clothes
- Gala outfit (not mandatory but recommended)
- Sport attire

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**Start of the 1<sup>st</sup> International Semester- End of the International Semester**

Please note following dates :

- Start 28<sup>th</sup> August 2023
- End 19<sup>th</sup> January 2024
- Arrival day: 25<sup>th</sup> August 2023

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**RMA Guide for international student**

- [See attached file](#)
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## Royal Military Academy - Brussels

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### Educational offer

- The Faculty of Social and Military Sciences



#### 1.1 Course Catalogue for the 1<sup>st</sup> Semester of the Master Programme in Social and Military Science

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The master programme in social and military sciences is offered to cadets of the faculty of social and military sciences (SSMW). The programme is credited with 60 ECTS and scheduled over one academic year. Besides the academic courses, cadets have military and physical education. The first semester of the master year is open to foreign students and accounts for 33 ECTS.

SSMW Master 1 Semester 1:

Common courses (15 ECTS) +

Module E1 or Module E2 or Module E3 (18 ECTS)

**The cadets must choose minimum 18 ECTS in total for a semester exchange.**

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N°	Course code	Course title	ECTS
<b>Common courses</b>			
1	BS904	Cultural dimensions of operations	3
2	DS902	Defence economics	3
3	BS907	Citizenship and military ethics II	3
4	EP901	Propulsion of military platforms	3
5	LS906	Leadership	3
<b>Total:</b>			<b>15</b>

<b>Defence and Security Technology (Module E1)</b>			
E11	TN911	Telecommunications and C4I	3
E12	TP912	Management of cybersecurity	3
E13	EP915	Applied mechanics	2
E14	WS913	Fire control and guided weapons	3
E15	SM914	Mechanics of materials and structures	3
E16a	SM921	Land vehicles propulsion, stability and performance	4
E16b	SM931	Aircraft propulsion, stability and performance	4
E16c	SM941	Ship propulsion, stability and performance	4
<b>Total:</b>			<b>26</b>

<b>Management Studies for Defence (Module E2)</b>			
E21	DS951	Supply chain management	6
E22	DS952	Project and program management	6
E23	DS953	Performance optimisation	6
<b>Total</b>			<b>18</b>

<b>Security Studies for Defence (Module E3)</b>			
E31	CS961	International conflicts in historical perspective	6
E32	CS962	Strategic studies	6
E33	CS963	Contemporary security issues	6
<b>Total</b>			<b>18</b>



## Educational offer

- The Polytechnic Faculty


**2.1 Course Catalogue for the 1<sup>st</sup> and 2<sup>nd</sup> Semester of the Master 1 programme in engineering**


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The master programme in engineering is offered to cadets of the polytechnical faculty (POL). It is credited with 120 ECTS and scheduled over two consecutive academic years (each year is credited with 60 ECTS).

Besides the 120 ECTS academic courses, cadets have military and physical education.

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N°	Course code	Course title	ECTS
<b>Ma 1 POL Sem 1</b>			
1	DS415	Introduction to engineering management	3
2	EP414	Electrical power systems	6
3	LS416	Leadership	3
4	SE412	Tactical military sensors	7
5	TP413	Cabin environment of military platforms	3
6	WA411	Design principles and evaluation of armament and ammunition	8
<b>Total:</b>			<b>30</b>
<b>Ma 1 POL Sem 2</b>			
1	DS425	Intelligent decision support methods	6
2	SE422	Digital technology for sensors and weapons	5
3	SE426	Military satellite based positioning	3
4	TN423	Networks and security awareness	7
5	TP424	Ballistic impact and protection: fundamentals	3
6	WA421	Guided weapons	6
<b>Total:</b>			<b>30</b>





## Educational offer

- The Polytechnic Faculty



## 2.2 Course Catalogue for the 1<sup>st</sup> Semester of the Master 2 programme in engineering

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POL Master 2 Semester 1:

Module C1 (30 ECTS) or

Module C2 (24 ECTS) + Module D1 or Module D2 or Module D3 (06 ECTS).

N°	Course code	Course title	ECTS
<b>Ma 2 POL (Module C1) - Network enabled capabilities</b>			
C11	SE511	Strategic military sensors	6
C12	TN512	Distributed information systems	6
C13	TN513	Information networks	6
C14	TN514	Advanced wireless communication systems	6
C15	TN515	Communication subsystems	6
<b>Total:</b>			<b>30</b>

<b>Ma 2 POL (Module C2) - Structure, mobility and propulsion</b>			
C21	EP522	Turbomachines	3
C22	SM524	Numerical and experimental methods applied to continuum mechanics	6
C23	SM525	Ageing of systems	3
C24	SM526	Mechanical systems integration	3
C25	SM527	Autonomous systems	3
C26	TP521	Ballistic impact and protection: applications	3
C27	TP523	Effects of explosions on structures	3
<b>Total</b>			<b>24</b>

**Students who have chosen the C2 module take one D module (6 ECTS).**

**Ma 2 POL (Module D1)**

D11	SM531	Land vehicle performance and stability	6
<b>Total</b>			<b>6</b>

**Ma 2 POL (Module D2)**

D21	SM541	Performance and stability of fixed wing aircraft	4
D22	SM542	Air vehicle technology	2
<b>Total</b>			<b>6</b>

**Ma 2 POL (Module D3)**

D31	SM551	Ship stability and performance	6
<b>Total</b>			<b>6</b>

