

# Military Air Traffic Control – Curriculum (AY 2025/26)

Source: ISVU (track 79). Legend: Lec – Lectures; Tut – Tutorials; Lab – Laboratory; Sem – Seminar; PE – Physical Education.

## Semester 1

Course	Assessed	ECTS	Lec	Tut	Lab	Sem	PE
Electrical Engineering and Electronics	Yes	5.0	30	30	0	0	0
Aviation English 1	Yes	3.0	30	15	0	0	0
Mathematics 1	Yes	7.0	45	45	0	0	0
Mechanics	Yes	5.0	45	30	0	0	0
Computer Systems Fundamentals	Yes	5.0	30	30	0	0	0
Physical Education (1/2)	No	0.0	0	0	0	0	30
Introduction to Programming	Yes	5.0	30	0	15	15	0

## Semester 2

Course	Assessed	ECTS	Lec	Tut	Lab	Sem	PE
Mathematics 2	Yes	6.0	30	45	0	0	0
Radiotelephony Communication 1	Yes	3.0	30	15	0	0	0
Air Traffic Control Theory 1	Yes	6.0	45	14	6	10	0
Flight Theory 1	Yes	6.0	45	28	2	0	0
Physical Education (2/2)	No	0.0	0	0	0	0	30
Aeronautical Navigation	Yes	6.0	45	27	0	18	0
Aeronautical Information	Yes	3.0	15	15	0	0	0

## Semester 3

Course	Assessed	ECTS	Lec	Tut	Lab	Sem	PE
Communication, Navigation and Surveillance Systems 1	Yes	5.0	45	15	0	0	0
Radiotelephony Communication 2	Yes	3.0	30	15	0	0	0
Air Traffic Control Theory 2	Yes	6.0	45	26	0	4	0
Flight Theory 2	Yes	6.0	45	30	0	0	0
Physical Education (1/2)	No	0.0	0	0	0	0	30
Aircraft	Yes	5.0	45	15	0	0	0

## Elective group — Semester 3 (min. 3 ECTS)

Course	Assessed	ECTS	Lec	Tut	Lab	Sem	PE
Military Aviation Theory and Practice 1	No	3.0	0	45	0	0	0

## Semester 4

Course	Assessed	ECTS	Lec	Tut	Lab	Sem	PE
Airports	Yes	4.0	30	0	0	15	0
Aerodrome Simulator	Yes	6.0	0	60	0	0	0
Aviation English 2	Yes	3.0	30	15	0	0	0
Communication, Navigation and Surveillance Systems 2	Yes	6.0	45	27	0	3	0
Aircraft Performance and Balance	Yes	6.0	45	30	0	15	0
Computer Graphics and Documentation	Yes	4.0	15	15	0	15	0
Physical Education (2/2)	No	0.0	0	0	0	0	30

### Elective group — Semester 4 (min. 3 ECTS)

Course	Assessed	ECTS	Lec	Tut	Lab	Sem	PE
Military Aviation Theory and Practice 2	No	3.0	0	45	0	0	0

### Semester 5

Course	Assessed	ECTS	Lec	Tut	Lab	Sem	PE
Human Factors	Yes	5.0	45	30	0	0	0
Area Control Simulator	Yes	6.0	0	60	0	0	0
Physical Education (1/2)	No	0.0	0	0	0	0	30
Air Traffic Management	Yes	5.0	30	0	20	10	0
Probability and Statistics	Yes	6.0	30	45	0	0	0
Aeronautical Meteorology	Yes	6.0	45	30	0	0	0

### Elective group — Semester 5 (min. 4 ECTS)

Course	Assessed	ECTS	Lec	Tut	Lab	Sem	PE
Military Aviation Theory and Practice 3	No	4.0	0	60	0	0	0

### Semester 6

Course	Assessed	ECTS	Lec	Tut	Lab	Sem	PE
Aviation English 3	Yes	2.0	15	15	0	0	0
Communication Skills in English	Yes	2.0	15	0	0	15	0
Approach Control Simulator	Yes	6.0	0	60	0	0	0
Physical Education (2/2)	No	0.0	0	0	0	0	30
Introduction to Modelling and Simulation in ATM	Yes	5.0	30	0	30	0	0
Final Thesis	Yes	7.0	0	0	0	60	0

### Elective group — Semester 6 (min. 6 ECTS)

Course	Assessed	ECTS	Lec	Tut	Lab	Sem	PE
Databases	Yes	6.0	30	0	45	0	0

Contingencies in Aviation	Yes	4.0	15	10	20	0	0
Basics of Transport Technology	Yes	6.0	30	0	0	45	0