

# RECOMMENDED PLAN OF STUDY BACHELOR'S DEGREE PROGRAMME (IN ENGLISH LANGUAGE)

B1041A040004 – PIL (EN) – PROFESSIONAL PILOT

**1<sup>st</sup> semester – study programme PIL (EN) valid until academic year 2022 – 2023 for newly accepted students is accreditation valid until academic year 2024 – 2025)**

**Guarantor of study programme:** *Doc. Ing. Jakub HOSPODKA, Ph.D.*

Compulsory courses	Code	Range	Credits	Completion	Course guarantor (Tutor)
Calculus 1	11CAL1-E	2 + 4	7	z, zk	<i>Navrátil</i>
General Navigation	21OBN-E	4 + 0	5	zk	<i>Hospodka</i>
Theory for VFR Training	21TVFR-E	4 + 4	8	z, zk	<i>Matyáš</i>
Geometry	11GIE-E	2 + 2	3	kz	<i>Voráčová</i>
VFR Communication	21SVFR-E	2 + 1	4	z	<i>Kameník</i>
Foreign Language – English 1	15JZ1A-E	0 + 4	3	z	<i>(Vojanová)</i>
<b>Number of hours per week</b>		<b>29</b>			
<b>Number of credits</b>		<b>30</b>			
<b>Number of examinations</b>		<b>3</b>			
<b>Number of graded assessments</b>		<b>1</b>			
<b>Number of assessments</b>		<b>4</b>			

**2<sup>nd</sup> semester – study programme PIL (EN) valid until academic year 2022 – 2023 for newly accepted students is accreditation valid until academic year 2024 – 2025)**

**Guarantor of study programme:** *Doc. Ing. Jakub HOSPODKA, Ph.D.*

Compulsory courses	Code	Range	Credits	Completion	Course guarantor (Tutor)
Calculus 2*	11CAL2-E	2 + 3	5	z, zk	<i>Navrátil</i>
Statistics** ***	11STAT-E	2 + 2	4	z, zk	<i>Nagy</i>
Weight and Balance of Aircraft	21HAV-E	2 + 2	3	z, zk	<i>Polánecká</i>
Aircraft 1	21LDA1-E	2 + 1	3	z, zk	<i>Hospodka</i>
Instrumentation 1	21PRJ1-E	2 + 0	2	zk	<i>Vecko</i>
Principles of Flight 1	21ZKL1-E	2 + 1	3	zk	<i>Vávra</i>
Navigation Calculations****	21CON-E	0 + 2	2	kz	<i>(Valenta)</i>
Flight Training 1	21LPX1-E	0 + 1	2	kz	<i>(Matyáš)</i>
Air Law 1	21LTP1-E	3 + 0	3	kz	<i>Zozulák</i>
Foreign Language – English 2	15JZ2A-E	0 + 4	3	z, zk	<i>(Vojanová)</i>
<b>Number of hours per week</b>		<b>31</b>			
<b>Number of credits</b>		<b>30</b>			
<b>Number of examinations</b>		<b>7</b>			
<b>Number of graded assessments</b>		<b>3</b>			
<b>Number of assessments</b>		<b>5</b>			

\* Student may not enrol in course „Calculus 2“ [11CAL2-E; 2 + 3; 5; z, zk; Navrátil] before the semester in which the student enrolls in course „Calculus 1“ [11CAL1-E; 2 + 4; 7; z, zk; Navrátil].

\*\* Student may not enrol in course „Statistics“ [11STAT-E; 2 + 2; 4; z, zk; Nagy] before successfully finishing course „Calculus 1“ [11CAL1-E; 2 + 4; 7; z, zk; Navrátil].

\*\*\* Student may not enrol in course „Statistics“ [11STAT-E; 2 + 2; 4; z, zk; Nagy] before the semester in which the student enrolls in course „Calculus 2“ [11CAL2-E; 2 + 3; 5; z, zk; Navrátil].

\*\*\*\* Student may not enrol in course „Navigation Calculations“ [21CON-E; 0 + 2; 2; kz; Valenta] before the semester in which the student enrolls in course „General Navigation“ [21OBN-E; 4 + 0; 5; zk; Hospodka].

**3<sup>rd</sup> semester – study programme PIL (EN) valid until academic year 2022 – 2023 for newly accepted students is accreditation valid until academic year 2024 – 2025)**

**Guarantor of study programme:** *Doc. Ing. Jakub HOSPODKA, Ph.D.*

Compulsory courses	Code	Range	Credits	Completion	Course guarantor (Tutor)
Physics*	11FYZ-E	2 + 2	5	z, zk	Vítů
Linear Algebra	11LA-E	2 + 1	3	z, zk	Bečvářová
Air Transport Economy	21EKL-E	2 + 1	3	z, zk	Vittek
Aircraft Operations	21LPTY-E	2 + 0	2	zk	Hospodka
Aircraft 2	21LTA2-E	2 + 1	2	z, zk	Hospodka
Instrumentation 2**	21PRJ2-E	2 + 0	3	zk	Vecko
Radionavigation***	21RDN-E	3 + 1	3	z, zk	Zozulák
Aircraft Performance	21VL-E	2 + 2	4	z, zk	Polánecká
Flight Training 2	21LPX2-E	0 + 1	2	kz	(Matyáš)
Aviation English 1 for Professional Pilot	21APL1-E	0 + 4	3	z	(Lališ)
Number of hours per week		30			
Number of credits		30			
Number of examinations		8			
Number of graded assessments		1			
Number of assessments		7			
Elective courses: (not included in the total sum of credits)					
Seminar of Physics	11SCFZ-E	0 + 2		z	Malá

\* Student may not enrol in course „Physics“ [11FYZ-E; 2 + 4; 5 z, zk; Vítů] before the semester in which the student enrolls in courses „Calculus 1“ [11CAL1-E; 2 + 4; 7; z, zk; Navrátil] and „Calculus 2“ [11CAL2-E; 2 + 3; 5; z, zk; Navrátil].

\*\* Student may not enrol in course „Instrumentation 2“ [21PRJ2-E; 2 + 0; 3; zk; Vecko] before successfully finishing course „Instrumentation 1“ [21PRJ1-E; 2 + 0; 2; zk; Vecko].

\*\*\* Student may not enrol in course „Radionavigation“ [21RDN-E; 3 + 1; 3; z, zk; Zozulák] before successfully finishing course „General Navigation“ [21OBN-E; 4 + 0; 5; zk; Hospodka].

**4<sup>th</sup> semester – study programme PIL (EN) valid until academic year 2022 – 2023 for newly accepted students is accreditation valid until academic year 2024 – 2025)**

**Guarantor of study programme:** *Doc. Ing. Jakub HOSPODKA, Ph.D.*

Compulsory courses	Code	Range	Credits	Completion	Course guarantor (Tutor)
Electromagnetic Field and Optics*	11EMO-E	2 + 1	4	z, zk	Malá
Modeling of Systems and Processes**	11MSP-E	2 + 2	4	z, zk	Přikryl
Aviation English 2 for Professional Pilot	21APL2-E	0 + 4	3	z, zk	(Lališ)
Human Factors in Aviation	21LCLT-E	3 + 0	3	zk	Socha
Flight Planning and Monitoring	21PML-E	2 + 2	3	z, zk	Polánecká
Flight Training 3	21LPX3-E	0 + 1	2	kz	(Matyáš)
Meteorology 1	21MRG1-E	4 + 0	3	kz	Kameník
Advanced Flying 1*** ****	21PKL1-E	2 + 2	4	kz	Valenta
IFR Communication	21SIFR-E	1 + 1	2	z	Kameník
Project 1	**X31-E	0 + 1	2	z	
Number of hours per week		30			
Number of credits		30			
Number of examinations		5			
Number of graded assessments		3			
Number of assessments		6			
Elective courses: (not included in the total sum of credits)					
Seminar of Electromagnetic Field and Optics	11SEMO-E	0 + 2		z	Malá

\* Student may not enrol in course „Electromagnetic Field and Optics“ [11EMO-E; 2 + 1; 4 z, zk; Malá] before the semester in which the student enrolls in courses „Calculus 1“ [11CAL1-E; 2 + 4; 7; z, zk; Navrátil], „Calculus 2“ [11CAL2-E; 2 + 3; 5; z, zk; Navrátil] and „Physics“ [11FYZ-E; 2 + 4; 5; z, zk; Vítů].

\*\* Student may not enrol in course „Modeling of Systems and Processes“ [11MSP-E; 2 + 2; 4; z, zk; Přikryl] before the semester in which the student enrolls in courses „Calculus 1“ [11CAL1-E; 2 + 4; 7; z, zk; Navrátil] and „Linear Algebra“ [11LA-E; 2 + 1; 3; z, zk; Bečvářová].

\*\*\* Student may not enrol in course „Advanced Flying 1“ [21PKL1-E; 2 + 2; 4; kz; Valenta] before successfully finishing courses „Aircraft Operations“ [21LPTY-E; 2 + 0; 2; zk; Hospodka] and „Radionavigation“ [21RDN-E; 3 + 1; 3; z, zk; Zozulák].

\*\*\*\* Student may not enrol in course „Advanced Flying 1“ [21PKL1-E; 2 + 2; 4; kz; Valenta] before the semester in which the student enrolls in courses „IFR Communication“ [21SIFR-E; 1 + 1; 2; z; Kameník].

**5<sup>th</sup> semester – study programme PIL (EN) valid until academic year 2022 – 2023 for newly accepted students is accreditation valid until academic year 2024 – 2025)**

**Guarantor of study programme:**

*Doc. Ing. Jakub HOSPODKA, Ph.D.*

Compulsory courses	Code	Range	Credits	Completion	Course guarantor (Tutor)
Air Law 2	21LTP2-E	3 + 0	3	z, zk	Zozulák
Meteorology 2	21MET2-E	2 + 2	5	z, zk	Kameník
Advanced Flying 2* **	21PKL2-E	2 + 0	2	zk	Hospodka
Operational Procedures 1	21PPY1-E	2 + 1	3	z, zk	Capoušek
Practical Flight Planning	21PRKP-E	2 + 2	4	z, zk	Polánecká
Principles of Flight 2***	21ZKL2-E	2 + 1	3	zk	Vávra
Flight Training 4	21LPX4-E	0 + 1	2	kz	(Matyáš)
Bachelor's Thesis Seminar	21SBP-E	0 + 1	1	z	(Socha)
Foreign Language – English 3	15JZ3A-E	0 + 4	3	z	(Tomeček)
Elective Course 1	**Y1**-E	2 + 0	2	kz	
Project 2	**X32-E	0 + 2	2	z	
<b>Number of hours per week</b>		<b>29</b>			
<b>Number of credits</b>		<b>30</b>			
<b>Number of examinations</b>		<b>6</b>			
<b>Number of graded assessments</b>		<b>2</b>			
<b>Number of assessments</b>		<b>7</b>			

\* Student may not enrol in course „Advanced Flying 2“ [21PKL2-E; 2 + 0; 2; zk; Hospodka] before successfully finishing course „Advanced Flying 1“ [21PKL1-E; 2 + 2; 4; kz; Valenta] a „Principles of Flight 1“ [21ZKL1-E; 2 + 1; 3; zk; Vávra].

\*\* Student may not enrol in course „Advanced Flying 2“ [21PKL2-E; 2 + 0; 2; zk; Hospodka] before successfully finishing course „Principles of Flight 2“ [21ZKL2-E; 2 + 1; 3; zk; Vávra].

\*\*\* Student may not enrol in course „Principles of Flight 2“ [21ZKL2-E; 2 + 1; 3; zk; Vávra] before successfully finishing course „Principles of Flight 1“ [21ZKL1-E; 2 + 1; 3; zk; Vávra].

**6<sup>th</sup> semester – study programme PIL (EN) valid until academic year 2022 – 2023 for newly accepted students is accreditation valid until academic year 2024 – 2025)**

**Guarantor of study programme:**

*Doc. Ing. Jakub HOSPODKA, Ph.D.*

Compulsory courses	Code	Range	Credits	Completion	Course guarantor (Tutor)
Communication and Surveillance Systems in Aviation	21KPSL-E	2 + 0	3	zk	<i>Pleninger</i>
KSA – Assessment*	21KSAV-E	0 + 2	2	z, zk	<i>(Háčík)</i>
Aircraft Engines	21LCM-E	2 + 1	3	z, zk	<i>Hanus</i>
Operational Elements of Aviation	21PKYL-E	3 + 0	3	zk	<i>Vittek</i>
Operational Procedures 2**	21PPY2-E	3 + 0	4	zk	<i>Capoušek</i>
Algorithm and Programming	14AP-E	2 + 2	4	kz	<i>Fábera</i>
Flight Training 5	21LPX5-E	0 + 1	2	kz	<i>(Matyáš)</i>
MCC – Multicrew Cooperation	21LVPK-E	2 + 1	2	z	<i>Matyáš</i>
Foreign Language – English 4	15JZ4A-E	0 + 4	3	z, zk	<i>(Tomeček)</i>
Elective Course 2	**Y1**-E	2 + 0	2	kz	
Project 3	**X33-E	0 + 1	2	z	
<b>Number of hours per week</b>		<b>28</b>			
<b>Number of credits</b>		<b>30</b>			
<b>Number of examinations</b>		<b>6</b>			
<b>Number of graded assessments</b>		<b>3</b>			
<b>Number of assessments</b>		<b>5</b>			

\* Student may not enrol in course „KSA – Assessment“ [21KSAV-E; 0 + 2; 2; z, zk; (Háčík)] before successfully finishing course „Human Factors in Aviation“ [21LCLT-E; 3 + 0; 3; zk; Socha], „General Navigation“ [21OBN-E; 4 + 0; 5; zk; Hospodka], „Advanced Flying 1“ [21PKL1-E; 2 + 2; 4; kz; Valenta], „Advanced Flying 2“ [21PKL2-E; 2 + 0; 2; zk; Hospodka] and „Theory for VFR Training“ [21TVFR-E; 4 + 4; 8; z, zk; Matyáš].

\*\* Student may not enrol in course „Operational Procedures 2“ [21PPY2-E; 3 + 0; 4; z, zk; Capoušek] before successfully finishing course „Operational Procedures 1“ [21PPY1-E; 2 + 1; 3; z, zk; Capoušek].