

PLAN OF STUDIES

FACULTY: Civil Engineering

MAIN FIELD OF STUDY: Civil Engineering

EDUCATION LEVEL: I/ II * level, ~~licencjat~~ / ~~inżynier~~ / ~~magister~~ / magister inżynier*

FORM OF STUDIES: full-time / ~~part-time~~*

PROFILE: general academic / ~~practical~~*

SPECIALIZATION: Civil Engineering

LANGUAGE OF STUDY: English

Faculty Council resolution no 120/8/2012-2016 from 27.03.2013
In effect since 1.10.2013

Plan of studies structure

1) in ECTS layout

Specjalność: Civil Engineering

ECTS	Sem. 1	Sem. 2	Sem. 3
30	FZP007163 Fizyka nowoczesnych materiałów	CEB007962 Dynamika budowli	CEB008163 Zarządzanie przedsięwzięciami budowlanymi
29	CEB007261 Matematyka-wybrane zagadnienia		CEB009863 Seminarium dyplomowe
28		CEB007361 Fundamentowanie-wybrane zagadnienia	
27	CEB005362 Metody komputerowe		
26		CEB005161 Teoria sprężystości i plastyczności	CEB005262 Technologia robót budowlanych
25	CEB004462 Budownictwo mieszkaniowe		
24		CEB007461 Statyka budowli – wybrane zagadnienia	CEB003962 Budownictwo podziemne – infrastruktura miejska
23	CEB007561 Konstrukcje betonowe – obiekty		
22		CEB007661 Konstrukcje metalowe – obiekty	CEB004162 Drogi, ulice i lotniska
21	CEB007761 Zaawansowane komputerowe wspomaganie projektowania		
20		CEB007861 Hydraulika w budownictwie	Moduł z bloku wybieralnego1
19	Moduł wybieralny z bloku A		
18		Moduł wybieralny z bloku B	Moduł z bloku wybieralnego2
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Specialization: Civil Engineering

ECTS	Sem. 1	Sem. 2	Sem. 3
30	FZP007163 Physics of modern materials	CEB007962 Dynamics	CEB008163 Construction project management
29	CEB007261 Mathematics - selected topics		CEB005362 Computational mechanics
28		CEB007361 Selected topics in geo-engineering - foundations	
27	CEB005161 Theory of elasticity and plasticity		CEB004462 Apartment building
26		CEB007461 Selected topics in structural mechanics	
25	CEB007561 Concrete structures - objects		CEB004062 Railways
24		CEB007661 Metal structures - objects	
23	CEB007761 Advanced computer aided engineering		CEB008062 Bridges
22		CEB007861 Hydraulics in civil engineering	
21	Optional A		Optional 2
20		Optional B	
19			
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Moduł wybieralny z bloku A:		Moduł z bloku wybieralnego 1:	
FLH020161 Ethics in engineering FLH020261 Ethics in business		CEB00606 Sztuczna inteligencja w budownictwie CEB006163 Nowoczesne metody badań nieniszczących konstrukcji budowlanych CEB006263 Fizyka budowli CEB006363 Hydrologia dla inżynierów budowlanych CEB006863 Właściwości efektywne kompozytów – wprowadzenie do mikromodelowania	
Moduł wybieralny z bloku B:	Moduł wybieralny z bloku C:		
JZL.....BK Język obcy – poziom B2+	JZL.....BK . Język obcy – poziom A1/A2	Moduł z bloku wybieralnego 2:	
		CEB006563 Betonowe konstrukcje sprężone CEB006663 Konstrukcje drewniane CEB006763 Konserwacja i wzmacnianie konstrukcji zabytkowych CEB006963 Metody statystyki stosowanej (geostatystyka) CEB008263 Budownictwo zrównoważone	

Optional A:		Optional I:	
FLH020161 Ethics in engineering FLH020261 Ethics in business		CEB00606 Artificial intelligence in civil engineering CEB006163 Modern testing methods for non-destructive inspection of building structures CEB006263 Building physics CEB006363 Hydrology for building engineers CEB006863 Effective properties of composites - introduction to micro-mechanics	
Optional B:	Optional C:		
JZL.....BK Foreign language B2+	JZL.....BK Foreign language - level A1/A2	Optional 2:	
		CEB006563 Pre-stressed concrete structures CEB006663 Timber dtructures CEB006763 Conservation and strengthening of monumental heritage structures CEB006963 Methods o applied statistics (geo-statistics) CEB008263 Sustainable housing	

Plan of studies structure

2) in hourly layout

Specjalność: Civil Engineering

Godziny	Sem. 1	Sem. 2	Sem. 3
30		CEB007962 Dynamika budowli	
29			
28		CEB005362 Metody komputerowe	
27	FZP007163 Fizyka nowoczesnych materiałów		
26	CEB007261 Matematyka-wybrane zagadnienia		
25	CEB007361 Fundamentowanie-wybrane zagadnienia	CEB005262 Technologia robót budowlanych	
24			
23	CEB005161 Teoria sprężystości i plastyczności	CEB004462 Budownictwo mieszkaniowe	
22			
21		CEB003962 Budownictwo podziemne –infrastruktura miejska	
20			
19	CEB007461 Statyka budowli – wybrane zagadnienia		
18			
17		CEB004062 Koleje	
16			
15			
14	CEB007561 Konstrukcje betonowe – obiekty		
13			
12			
11			
10	CEB007661 Konstrukcje metalowe – obiekty	CEB004162 Drogi, ulice i lotniska	
9			
8			CEB008163 Zarządzanie przedsięwzięciami budowlanymi
7			
6	CEB007761 Zaawansowane komputerowe wspomaganie projektowania	CEB008062 Mosty	CEB009863 Seminarium dyplomowe
5			
4	CEB007861 Hydraulika w budownictwie		Moduł z bloku wybieralnego1
3			
2	Moduł wybieralny z bloku A	Moduł wybieralny z bloku C	Moduł z bloku wybieralnego2
1	Moduł wybieralny z bloku B		

Specialization: Civil Engineering

Hours	Sem. 1	Sem. 2	Sem. 3
30		CEB007962 Dynamics	
29			
28		CEB005362 Computational mechanics	
27	FZP007163 Physics of modern materials		
26	CEB007261 Mathematics - selected topics		
25		CEB005262 Constructions techniques and processes	
24	CEB007361 Selected topics in geo-engineering - foundations		
23			
22		CEB004462 Apartment building	
21	CEB005161 Theory of elasticity and plasticity		
20			
19		CEB003962 Underground structures - urban infrastructure	
18			
17	CEB007461 Selected topics in structural mechanics		
16			
15			
14		CEB004062 Railways	
13	CEB007561 Concrete structures - objects		
12			
11			
10	CEB007661 Metal structures - objects	CEB004162 Roads, streets and airports	
9			
8			CEB008163 Construction project management
7			
6	CEB007761 Advanced computer aided engineering	CEB008062 Bridges	CEB009863 Master thesis seminar
5			
4	CEB007861 Hydraulics in civil engineering		Optional 1
3			
2	Optional A	Optional C	Optional 2
1	Optional B		

Moduł wybieralny z bloku A:		Moduł z bloku wybieralnego 1:	
FLH020161 Ethics in engineering FLH020261 Ethics in business		CEB00606 Sztuczna inteligencja w budownictwie CEB006163 Nowoczesne metody badań nieniszczących konstrukcji budowlanych CEB006263 Fizyka budowli CEB006363 Hydrologia dla inżynierów budowlanych CEB006863 Właściwości efektywne kompozytów –wprowadzenie do mikromodelowania	
Moduł wybieralny z bloku B:	Moduł wybieralny z bloku C:		
JZL.....BK Język obcy – poziom B2+	JZL.....BK . Język obcy – poziom A1/A2	Moduł z bloku wybieralnego 2:	
		CEB006563 Betonowe konstrukcje sprężone CEB006663 Konstrukcje drewniane CEB006763 Konserwacja i wzmacnianie konstrukcji zabytkowych CEB006963 Metody statystyki stosowanej (geostatystyka) CEB008263 Budownictwo zrównoważone	

Optional A:		Optional 1	
FLH020161 Ethics in engineering FLH020261 Ethics in business		CEB00606 Artificial intelligence in civil engineering CEB006163 Modern testing methods for non-destructive inspection of building structures CEB006263 Building physics CEB006363 Hydrology for building engineers CEB006863 Effective properties of composites - introduction to micro-mechanics	
Optional B:	Optional C:		
JZL.....BK Foreign language B2+	JZL.....BK Foreign language - level A1/A2	Optional 2:	
		CEB006563 Pre-stressed concrete structures CEB006663 Timber dtructures CEB006763 Conservation and strengthening of monumental heritage structures CEB006963 Methods o applied statistics (geo-statistics) CEB008263 Sustainable housing	

1. Set of obligatory and optional courses and groups of courses in semesteral arrangement

Definitions:

¹BK – number of ECTS points assigned to hours of classes requiring direct contact of teachers with students

²Traditional – T, distance – Z

³Exam – E, crediting with grade – Z. For the group of courses – after the letter E or Z - enter in brackets the final course form (lec, cl, lab, pr, sem)

⁴University-wide course /group of courses – O

⁵Practical course / group of courses – P. For the group of courses - in brackets enter the number of ECTS points assigned to practical courses

⁶KO – general education, PD – basic sciences, K – field-of-studies, S – specialization

⁷Optional – W, obligatory – Ob.

CNPS – total student's work; ZZU – organized courses; 1 ECTS = 30 hrs NPS

Modules for optional specialization: Civil Engineering CEB [9]
Specialization: Civil Engineering (language of studies: English)
Supervisor: dr hab. inż. Jan BIEŃ, prof. PWr

Semester 1

Obligatory courses

number of ECTS points **29**

No	Course / group of courses code	Name of course / group of courses (denote group of courses with symbol GK)	Weekly number of hours					Field-of-study educational effect symbol	Number of hours		Number of ECTS points		Form ² of course / group of courses	Way ³ of crediting	Course/group of courses				
			lec	cl	lab	pr	sem		ZZU	CNPS	total	BK classes ¹			university-wide ⁴	practical P ⁵	kind ⁶	type ⁷	
1	FZP007163	Physics of modern materials. Fizyka nowoczesnych materiałów	1					K2_W01, K2_W02, K2_W04, K2_U03, K2_U08, K2_K01, K2_K02, K2_K06	15	30	1	0,5	T	Z	O		PD	Ob.	
2	CEB007261	Selected topics in mathematics. Matematyka - wybrane zagadnienia	1					K2_W01, K2_U08, K2_K01, K2_K02, K2_K03, K2_K06	15	60	2	0,6	T	E			PD	Ob.	
				1					15	30	1	0,6	T	Z		0,9	PD	Ob.	
3	CEB007361	Selected topics in geo-engineering - foundation. Fundamentowanie - wybrane zagadnienia	1					K2_W01, K2_W06, K2_W08, K2S_CEB_W16, K2S_CEB_W19, K2S_CEB_W20, K2_U04, K2_U05, K2_U09, K2_U10, K2_U16, K2_U17, K2S_CEB_U20, K2S_CEB_U22, K2S_CEB_U23, K2_K03, K2_K06	15	30	1	0,5	T	Z			K	Ob.	
						2			30	60	2	1,2	T	Z		2,0	K	Ob.	

4	CEB005161	Theory of elasticity and plasticity. Teoria sprężystości i plastyczności	2					K2_W01, K2_W02, K2_W04, K2S_CEB_W16, K2_U02, K2_U04, K2_U08, K2S_CEB_U19, K2S_CEB_U23, K2_K01	30	60	2	1,1	T	Z			K	Ob.
				1					15	60	2	0,6	T	Z	1,0		K	Ob.
5	CEB007461	Selected topics in structural mechanics. Statyka budowli - wybrane zagadnienia	2					K2_W03, K2_W04, K2_W05, K2S_CEB_W16, K2_U06, K2_U07, K2_U09, K2S_CEB_U19, K2_K01, K2_K03	30	90	3	1,1	T	E			K	Ob.
				1					15	30	1	0,7	T	Z	0,5		K	Ob.
					1				15	30	1	0,7	T	Z	1,0		K	Ob.
6	CEB007561	Concrete structures - objects. Konstrukcje betonowe - obiekty	2					K2_W04, K2_W06, K2_W07, K2_W08, K2S_CEB_W16, K2S_CEB_W18, K2_U09, K2_U11, K2_U12, K2S_CEB_U18, K2S_CEB_U19, K2_K01, K2_K02, K2_K03	30	60	2	1,1	T	E			S	Ob.
						2			30	60	2	1,1	T	Z	2,0		S	Ob.

7	CEB007661	Metal structures - objects. Konstrukcje metalowe - obiekty	2					K2_W01, K2_W02, K2_W04, K2_W05, K2_W06, K2_W07, K2_W09, K2S_CEB_W16, K2_U01, K2_U02, K2_U04, K2_U05, K2_U06, K2_U07, K2_U08, K2_U09, K2_U11, K2_U12, K2S_CEB_U18, K2S_CEB_U19, K2_K01, K2_K02, K_K03	30	60	2	1,1	T	E			S	Ob.
					2				30	60	2	1,1	T	Z		2,0	S	Ob.
8	CEB007761	Advanced computer aided engineering. Zaawansowane komputerowe spomaganie projektowania			2			K2_W03, K2_W04, K2_W05, K2_W06, K2_W07, K2_W09, K2S_CEB_W16, K2S_CEB_W22, K2_U04, K2_U05, K2_U06, K2_U07, K2_U08, K2_U09, K2_U11, K2_U12, K2S_CEB_U18, K2S_CEB_U19, K2S_CEB_U23, K2_K01, K2_K02, K2_K03	30	60	2	1,2	T	Z		2,0	S	Ob.

9	CEB007861	Hydraulics in civil engineering. Hydraulika w budownictwie	1						K2_W01, K2_W02, K2_W06, K2_W14, K2S_CEB_W17, K2_U01, K2_U02, K2_U03, K2_U06, K2_U17, K2_U19, K2_U20, K2S_CEB_U20, K2_K01, K2_K02, K2_K03	15	30	1	0,6	T	Z			S	Ob.
						1				15	30	1	0,6	T	Z		1,0	S	Ob.
10	JZL.....BK	Foreign language - level B2+. Język obcy - poziom B2+		1					K1_U01, K1_U02, K1_K01, K1_K05, K1_K07, K1_K08	15	30	1	0,5	T	Z	O	1,0	KO	W
Total			12	4	3	7	0			390	870	29	14,9				13,4		

Groups of optional courses

number of ECTS points **1**

No	Course / group of courses code	Name of course / group of courses (denote group of courses with symbol GK)	Weekly number of hours					Field-of-study educational effect symbol	Number of hours		Number of ECTS points		Form ² of course / group of courses	Way ³ of crediting	Course/group of courses				
			lec	cl	lab	pr	sem		ZZU	CNPS	total	BK classes ¹			university-wide ⁴	practical P ⁵	kind ⁶	type ⁷	
1		Module selected from block wybieralny z bloku	1						15	30	1	0,5	T	Z	O			KO	W
	FLH020161	Ethics in engineering. Etyka inżynierska						K2_W13, K2_W14,											
	FLH020261	Ethics in business. Etyka w biznesie						K2_W15, K2_U01, K2_K01, K2_K02, K2_K04, K2_K06											
Total			1	0	0	0	0		15	30	1	0,5				0			

Total in semester:

Total number of hours					Total number of ZZU hours	Total number of CNPS hours	Total number of ECTS points	Total number of ECTS points for BK	Total number of ECTS points for P
lec	cl	lab	pr	sem					
13	4	3	7	0	405	900	30	15,4	13,4

Semester 2

Obligatory courses

number of ECTS points **30**

No	Course / group of courses code	Name of course / group of courses (denote group of courses with symbol GK)	Weekly number of hours					Field-of-study educational effect symbol	Number of hours		Number of ECTS points		Form ² of course / group of courses	Way ³ of crediting	Course/group of courses			
			lec	cl	lab	pr	sem		ZZU	CNPS	total	BK classes ¹			university-wide ⁴	practical P ⁵	kind ⁶	type ⁷
1	CEB007962	Dynamics. Dynamika budowli	1					K2_W01, K2_W03, K2_W04, K2_W05, K2S_CEB_W22, K2_U03, K2_U05, K2_U06, K2_U07, K2_U09, K2_U16, K2S_CEB_U19, K2_K01, K2_K02	15	60	2	0,7	T	E			K	Ob.
					1				15	30	1	0,6	T	Z		1,0	K	Ob.
2	CEB005362	Computational mechanics. Metody komputerowe	1					K2_W01, K2_W02, K2_W03, K2_W04, K2_W05, K2_W09, K2S_CEB_W16, K2_U02, K2_U06, K2_U08, K2_U09, K2_U16, K2S_CEB_U19, K2_K01, K2_K04	15	30	1	0,5	T	Z			K	Ob.
					2				30	60	2	1,1	T	Z		2,0	K	Ob.

3	CEB005262	Construction techniques and processes. Technologia robót budowlanych	1					K2_W10, K2_W11, K2_W13, K2_W14, K2S_CEB_W21, K2_U01, K2_U13, K2_U14, K2_U16, K2S_CEB_U23, K2_K01, K2_K02, K2_K04	15	60	2	0,7	T	E			S	Ob.
					2				30	60	2	1,2	T	Z		2,0	S	Ob.
4	CEB004462	Apartment building. Budownictwo mieszkaniowe	2					K2_W04, K2_W06, K2_W07, K2_W14, K2S_CEB_W16, K2S_CEB_W18, K2_U02, K2_U04, K2_U05, K2_U06, K2S_CEB_U18, K2_U11, K2_K01, K2_K03, K2_K05, K2_K06	30	60	2	1,1	T	Z			S	Ob.
					1				15	30	1	0,6	T	Z		1,0	S	Ob.
5	CEB003962	Underground structures - urban infrastructure. Budownictwo podziemne - infrastruktura miejska	2					K2_W05, K2_W06, K2_W11, K2_W13, K2S_CEB_W20, K2S_CEB_W21, K2_U04, K2_U05, K2_U06, K2_U07, K2_U09, K2_U12, K2S_CEB_U19, K2S_CEB_U22, K2_K01, K2_K03	30	60	2	1,0	T	E			S	Ob.
					2				30	60	2	1,2	T	Z		2,0	S	Ob.

6	CEB004062	Railways. Koleje	2					K2_W06, K2_W07, K2S_CEB_W19, K2S_CEB_W21, K2_U04, K2_U05, K2_U12, K2S_CEB_W19, K2S_CEB_W21, K2_K01, K2_K03, K2_K06	30	30	1	1,0	T	Z			S	Ob.
					2				30	60	2	1,1	T	Z		1,8	S	Ob.
7	CEB004162	Roads, streets and airports. Drogi, ulice i lotniska	2					K2_W01, K2_W06, K2_W09, K2S_CEB_W19, K2S_CEB_W20, K2_U01, K2_U08, K2_U12, K2_U16, K2S_CEB_U22, K2_K01, K2_K02, K2_K03	30	60	2	1,3	T	Z			S	Ob.
					2				30	60	2	1,3	T	Z		2,0	S	Ob.
8	CEB008062	Bridges. Mosty	2					K2_W03, K2_W04, K2_W05, K2_W06, K2_W07, K2_W10, K2S_CEB_W19, K2S_CEB_W21, K2_U02, K2_U04, K2_U05, K2_U07, K2_U08, K2_U11, K2_U12, K2S_CEB_U19, K2S_CEB_U22, K2_K01, K2_K02, K2_K03	30	60	2	1,3	T	E			S	Ob.
					2				30	60	2	1,3	T	Z		2,0	S	Ob.
9	JZL.....BK	Foreign language - level A1/A2. Język obcy - poziom A1/A (for foreign students - Polish language)		3				K1_U01, K1_U02, K1_K01, K1_K05, K1_K07, K1_K08	45	60	2	1,5	T	Z	O	2,0	KO	W

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Total	13	3	3	11	0	450	900	30	17,5			15,8	
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Total in semester:

Total number of hours					Total number of ZZU hours	Total number of CNPS hours	Total number of ECTS points	Total number of ECTS point for BK	Total number of ECTS points for P
lec	cl	lab	pr	sem					
13	3	3	11	0	450	900	30	17,5	15,8

Total accumulated:

Total number of hours					Total number of ZZU hours	Total number of CNPS hours	Total number of ECTS points	Total number of ECTS point for BK	Total number of ECTS points for P
lec	cl	lab	pr	sem					
26	7	6	18	0	855	1800	60	32,9	29,2

Semester 3**Obligatory courses****number of ECTS points 24**

No	Course / group of courses code	Name of course / group of courses (denote group of courses with symbol GK)	Weekly number of hours					Field-of-study educational effect symbol	Number of hours		Number of ECTS points		Form ² of course / group of courses	Way ³ of crediting	Course/group of courses			
			lec	cl	lab	pr	sem		ZZU	CNPS	total	BK classes ¹			university-wide ⁴	practical P ⁵	kind ⁶	type ⁷
1	CEB008163	Construction project management. Zarządzanie przedsiębiorstwami budowlanymi	2					K2_W11, K2_W12, K2_W13, K2_W14, K2_W15, K2S_CEB_W21, K2_U01, K2_U08, K2_U13, K2_U14, K2S_CEB_U23, K2_K01, K2_K02, K2_K05	30	60	2	1,2	T	Z			KO	Ob.

2	CEB009863	Master thesis seminar. Seminarium dyplomowe					2	K2_W15, K2S_CEB_W16- K2S_CEB_W21, K2_U01, K2_U02, K2_U15, K2_U16, K2_U17, K2S_CEB_U18- K2S_CEB_U23, K2_K01, K2_K02, K2_K03, K2_K06	30	90	3	1,1	T	Z		2,7	S	Ob.
3	CEB009963	Master thesis (MSc). Praca dyplomowa magisterska						K2_W02-K2_W05, K2_W07, K2_W09, K2S_CEB_W16- K2S_CEB_W22, K2_U01, K2_U06- K2_U09, K2_U15, K2_U16, K2_U17, K2S_CEB_U18- K2S_CEB_U23, K2_K01, K2_K02, K2_K04		570	19	0,3	T	Z		19,0	S	Ob.
Total			2	0	0	0	2		60	720	24	2,6				21,7		

CEB006363	Hydrology for building engineers. Hydrologia dla inżynierów budowlanych						K2_W01, K2_W02, K2_W03, K2_W09, K2_CEB_W22, K2_U07, K2_U08, K2_CEB_U23, K2_K01, K2_K02, K2_K03, K2_K04, K2_K05, K2_K06										
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	CEB006963	Methods of applied statistics (geo-statistics). Metody statystyki stosowanej (geostatystyka)						K2_W01, K2_W09, K2S_CEB_W22, K2_U01, K2_U03, K2_U08, K2_U16, K2_U17, K2S_CEB_U19, K2S_CEB_U23, K2_K01, K2_K02, K2_K03, K2_K06										
	CEB008263	Sustainable housing. Budownictwo zrównoważone						K2_W06, K2_W13, KS_CEB_W22, K2_U01, K2_U04, K2_U08, K2S_CEB_U23, K2_K01, K2_K02, K2_K03										
Total			2	0	1	1	0		60	180	6	2,4				4,0		

Total in semester:

Total number of hours					Total number of ZZU hours	Total number of CNPS hours	Total number of ECTS points	Total number of ECTS point for BK	Total number of ECTS points for P
lec	cl	lab	pr	sem					
4	0	1	1	2	120	900	30	5,0	25,7

Total accumulated:

Total number of hours					Total number of ZZU hours	Total number of CNPS hours	Total number of ECTS points	Total number of ECTS point for BK	Total number of ECTS points for P
lec	cl	lab	pr	sem					
30	7	7	19	2	975	2700	90	37,9	54,9

Total number of ZZU hours: 975**Hours - lectures: 46,2%****Hours - other courses: 53,8%****ECTS - BK: 42,1%****ECTS - P: 61,0%**

2. Set of examinations in semestral arrangement

No	Course code	Names of courses ending with examination	Semester
Civil Engineering			
1	CEB007261	Selected topics in mathematics. Matematyka - wybrane zagadnienia	1
2	CEB007461	Selected topics in structural mechanics. Statyka budowli - wybrane zagadnienia	1
3	CEB007561	Concrete structures - objects. Konstrukcje betonowe - obiekty	1
4	CEB007661	Metal structures - objects. Konstrukcje metalowe - obiekty	1
5	CEB007962	Dynamics. Dynamika budowli	2
6	CEB005262	Construction techniques and processes. Technologia robót budowlanych	2
7	CEB003962	Underground structures - urban infrastructure. Budownictwo podziemne - infrastruktura miejska	2
8	CEB008062	Bridges. Mosty	2

3. Allowable deficit of ECTS points after particular semesters

Semester	Allowable deficit of ECTS points after semester	Total number of points required for registration for the next semester
1	15	15
2	13	47

4. List of blocking modules

Module	Requirement for registration for module from col. 1 is approval of the following courses:

Faculty Council resolution no 120/8/2012-2016 from 27.03.2013
In effect since 1.10.2013

Opinion of the faculty student government legislative body:

27.03.2013

Date _____
Name and surname, signature of the student representative

27.03.2013

Date _____
Dean's signature