



UNIVERSITATEA TEHNICĂ DE CONSTRUCȚII BUCUREȘTI
TECHNICAL UNIVERSITY OF CIVIL ENGINEERING
OF BUCHAREST
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TECHNICAL UNIVERSITY OF CIVIL ENGINEERING BUCHAREST

1. BRIEF HISTORY

Higher education in civil engineering in Romania came into being in 1818 with the “School for Land Surveyors” founded in Bucharest. In 1867 was established in Bucharest, too, “The School of Bridges, Roads and Mines” transformed in 1888 into “The National School of Bridges and Roads”, the first proper technical university of the country. In 1920 “The National School of Bridges and Roads” became “The Polytechnic School of Bucharest”, with a Division of Civil Engineering which was named Faculty of Civil Engineering in 1938. As a result of the Education Reform in 1948, the Faculty of Civil Engineering separated from the Polytechnic School and was transformed into an autonomous higher education establishment called “The Civil Engineering Institute Bucharest” which on 1994 adopted the present name: “The Technical University of Civil Engineering Bucharest” (T.U.C.E.B.), the only Romanian university entirely devoted to education in civil engineering and its related fields (such as building services, construction machines and equipment, environmental engineering, geodesy).



2. ORGANIZATION OF THE UNIVERSITY

2.1 Academic units

There are seven academic units at the Technical University of Civil Engineering Bucharest

Faculties:

- Faculty of Civil, Industrial and Agricultural Buildings – F.C.C.I.A
- Faculty of Hydrotechnics – F.H.
- Faculty of Railways, Roads and Bridges – CFDP
- Faculty of Building Services – F.B.S.
- Faculty of Technological Equipment – F.T.E.
- Faculty of Geodesy – F.G.

(The six faculties offer long academic training (4 years), providing education in Romanian).

- **Faculty of Engineering in Foreign Languages (FILS) with training in English and in French.**

Faculty of Engineering in Foreign Languages (FILS) offers long academic training (4 years) in **English and in French** in the field of Civil Engineering and only in French in the field of Building Services.

2.2 Chairs

There are 28 chairs (cathedrae) within the Technical University of Civil Engineering Bucharest, grouping members of the teaching staff covering all didactic activities (lectures, tutorials, laboratory and project works) specified in the curricula.

The chairs are also in charge with the research work undertaken at the University.



3. ACADEMIC PROGRAMMES

3.1 The Romanian higher education in engineering

After 2005, the Romanian higher education in engineering has joined to the “continental” system present in many European countries offer long duration, with a nominal duration of 4 years.

T.U.C.E.B also runs postgraduate programmes leading to a *Diploma of Master of Engineering* (1 ½ years) and to the degree of *Doctor of Science in Engineering*.

3.2 Undergraduate studies at T.U.C.E.B.

3.2.1 Fields of study and degree programmes

Four - years curricula

Field of study	Degree programme (specialization)	Academic unit offering the degree programme
1. Civil Engineering	1. Civil, Industrial and Agricultural Buildings	FCCIA
	2. Urban Engineering and Regional Development	FCCIA
	3. Hydraulic Structures	F.H.
	4. Sanitary Engineering and Environmental Protection	F.H.
	5. Railways, Roads and Bridges	CFDP
	6. Civil Engineering (in English)	F.I.L.S.
	7. Civil Engineering (in French)	F.I.L.S.
2. Building Services	8. Building Services	F.I
	9. Installations and Equipment for Atmospheric Protection	F.I
	10. Building Services (in French)	F.I.L.S.
3. Mechanical Engineering	11. Construction Machinery	F.T.E
	12. Construction Engineering and management of technological resources	F.T.E

4. Geodesy	13. Geodesy and Land Cadastre	F.G.
5. Engineering Economics	15. Construction Engineering and Management	FCCIA

3.2.2. Main characteristics of the degree plans (4 - years curricula)

The programme is intended to educate graduates with strong knowledge and understanding in mathematics, science and engineering, able to solve complex civil engineering problems and to use the techniques, skills and modern engineering tools necessary for civil engineering practice. Romania being located in a zone of high seismicity, a strong emphasis is put on Earthquake Engineering education.

In the first two years (four semesters), the curriculum is identical for all degree programmes (specializations) of a given field, prevailing subjects in basic sciences and general engineering disciplines. The third year is in most part devoted to common core engineering subjects for the given field, while the fourth year are almost entirely reserved for in-depth studies in the area of specialization, including a diploma project.

A student is granted the degree in engineering after fulfilling all the course requirements, passing a graduation examination and successfully defending his/her diploma project.

3.2.3 General provisions

The academic year is dividing into two terms, each of 14 weeks duration. The term concludes with an examination session of 4 weeks.

The number of contact hours per week is 28. The subjects in the curriculum are taught through a combination of lectures, problem-solving classes (tutorials), design classes and laboratory works.

3.2.4 The credits system at T.U.C.E.B.

A Credits Accumulation and Transfer System is implemented at the Technical University of Civil Engineering Bucharest. The system follows the general lines of the European Credits Transfer System (ECTS). To all subjects present in the curriculum in an academic year are assigned 60 credits. Rules for progression from one year of a degree programme to the next are established. By graduation, 240 credits are required for the 4-years curriculum .

Below, is given, as an example, the curriculum of the **Civil Engineering degree programme (with education in English or French)** at the **Faculty of Engineering in Foreign Languages** . For each subject is specified the number of corresponding credits. The two columns for each academic year relates to the first and second semester, respectively.



First year

1.1	Analysis I	6	1.10	Analysis II	5
1.2	Linear Algebra and Analytical Geometry I	5	1.11	Linear Algebra and Analytical Geometry	4
1.3	Computer Science	3	1.12	Descriptive Geometry II	2
1.4	Descriptive Geometry I	3	1.13	Physics I	2
1.5	Chemistry	3	1.14	Building Materials	4
1.6	Surveying	5	1.15	Mechanics I	6
1.7	Humanity Courses I	1	1.16	Engineering Graphics I	2
1.8	English or French I	3	1.17	English or French II	3
1.9	Physical education I	-	1.18	Physical Education I	1
		29	1.19	Surveying Practice	2

Second year

2.1	Advanced Mathematics	5	2.10	Numerical Analysis	3
2.2	Physics II	5	2.11	Engineering Geology	3
2.3	Mechanics II	6	2.12	Strength of Materials II	7
2.4	Engineering Graphics II	2	2.13	Structural Analysis I	7
2.5	Programming languages	3	2.14	Fluid Mechanics I	5
2.6	Strength of Materials I	7	2.15	Architecture & Urban Planning	3
2.7	Humanity Courses II	1	2.16	English or French IV	1
2.8	English or French III	1	2.17	Physical Education II	1
2.9	Physical Education II	-			30
		30			

Third year

3.1	Structural Analysis II	7	3.8	Reinforced and Prestressed Concrete II	5
3.2	Reinforced and Prestressed Concrete I	7	3.9	Structural Dynamics	5
3.3	Buildings I	6	3.10	Soil Mechanics I	5
3.4	Transport Engineering	2	3.11	Steel Structures I	5
3.5	River Basin Planning	2	3.12	Sanitary Engineering	4
3.6	Elasticity and Plasticity	3	3.13	Technical Field Option 3	4
3.7	Fluid Mechanics II	3	3.14	Field Practice I	2
		30			30

Fourth year

4.1	Soil Mechanics II	5	4.9	Construction Engineering	5
4.2	Reinforced Concrete Structures I	7	4.10	Foundation Engineering	6
4.3	Earthquake Engineering	5	4.11	Construction Management	5
4.4	Construction Machines	2	4.12	Equipments for buildings II	2
4.5	Enterprise Economics	2	4.13	Finite element method (FEM)	5
4.6	Computer Methods in Civil Engineering	3	4.14	Structural reliability and risk analysis	5
4.7	Equipments for buildings I	3	4.15	Field practice II	2
4.8	Steel structures II	3			30
		30			30

TOTAL 240 + 30 Credits

Reinforced concrete structures II
 Building design
 Advanced steel design

Diploma Project
 Wood structures
 Advanced structural analysis
 Nonlinear analysis of structures

3.3 Postgraduate studies

Masterate studies (in Romanian language)

Masterate studies 1.5 years (90 credits).

The following specializations for masterate studies are present in the programme of the Technical University of Civil Engineering of Bucharest:

Field	Specializations of masterate studies
Civil engineering	<ol style="list-style-type: none"> 1. Structural engineering 2. Building engineering 3. Design of civil and industrial constructions in seismic areas 4. Technology and Management of Construction Structures 5. Urban and regional development 6. Hydraulic engineering 7. Geotechnical engineering 8. Bridges and Tunnels 9. Transport infrastructure engineering

Building services	10. Energetic efficiency of building installations 11. High-level technologies for the protection of the urban environment 12.. Energy, comfort and sustainable development
Mechanical engineering	13.Management and control of emergency situations 14. Technological equipments for the scrapping / demolition of buildings and for the recycling of materials 15.Research, projection and experimenting of advanced mechanical systems
Geodesy	16. Informational systems in cadastral registration and in real-estate publicity 17. Geospatial data processing and analysis 18. Geomatics
Engineering and management	19. Management of construction designs
Educational science	20. Educational Management

The candidats must have min. 300 credits (Master of engineering). Doctoral work does not imply the attendance of courses for credits.

Instead, 3-4 comprehensive examinations, on basic and specialty subjects, have to be passed, and a number of reports have to be elaborated and presented to the Chair to which the scientific supervisor belongs. Finally, a thesis has to be written and publicly defended in order to get a Doctor of Science in Engineering (equivalent to Ph.D.) degree.

4. UNIVERSITY STATISTICS

4.1. Students

In the academic year 2009-2010, 7439 students were registered at the Technical University of Civil Engineering Bucharest.

The distribution of students among various academic units is given in the following table:



Academic unit	Students
Faculty of Civil, Industrial and Agricultural Buildings	2487
Faculty of Hydrotechnics	793
Faculty of Railways, Roads and Bridges	823
Faculty of Building Services	1561
Faculty of Technological Equipment	528
Faculty of Geodesy	743
Faculty of Engineering in Foreign Languages	393
Department of Foreign Languages and Communications	111
TOTAL	7439

4.2. Teaching staff

In the academic year 2009-2010 the teaching staff of the Technical University of Civil Engineering Bucharest comprised 527 members, divided between the 28 chairs (cathedrae).

184 members of the teaching staff are women.

The didactic duties pertaining to these positions are covered either by some of the University teachers or by qualified people working outside the University.

5. THE PREMISES

The University is housed in 14 buildings with a total area of 33 000 m² from which teaching rooms cover 18500 m², laboratories 7 500 m² and offices 7 000 m².

The main campus of the University is located in the section of the town named Tei (Lime- tree). Four of the six faculties and the Faculty of Engineering Foreign Languages operate in the Tei campus. Also situated here are the Rectorate, the Administrative units and the Civil Engineering Students Society.

The Faculty of Building Services is located in 66, Boulevard Pache Protopopescu. A third site of the University, close to the centre of the city is 59, Plevnei Avenue, comprising several buildings of the Faculty of Technological Equipment.

6. FACILITIES

Library

The Library is of encyclopedic structure possessing books from almost all fields of human knowledge. The greatest part (85%) is composed of science and technical books, among which dominate books closely connected with the degree programmes offered at the University.

The total number of books is about 525 000.

There are 8 libraries possessing book funds, distributed among all faculties and departments of the University.

Computing service

The University has six computer networks, one for each faculty, with over 500 terminals. A cluster of workstations provides CAD facilities.



Foreign language teaching units

Four audio-visual laboratories offer facilities for the study of 7 different languages (English, French, German, Spanish, Russian, Italian and – for foreign students - Romanian).

Accommodation

The University has halls of residence for 2 400 students, with an area of 35 000 m² and a canteen seating 500 students with an area of 3 000 m².

Sports and recreation

Two gymnasias.

Four sports grounds (basketball, volleyball, handball).

A student club on the premises of the Faculty of Building Services, for music and artistic events, taking advantage of a 400-seat hall.

7. RESEARCH

At the Technical University of Civil Engineering of Bucharest research work is carried out by the teaching staff and by a limited number of research employees, with the involvement of postgraduate students and of doctoral candidates. The promotional, contractual and financial administration of research funding in the University is in the responsibility of the Department for Research and Development working in close cooperation with the Chairs. In the year 2000, 446 teachers took part in the contract research programmes under the auspices of the Department.

The research infrastructure consists mainly of the 46 laboratories belonging to the Chairs of the University, among which are the Laboratory of Hydraulics, the Laboratory of Soil Mechanics, the Laboratory of Structures, the Laboratory of Roads, the Laboratory of Building Materials, the Laboratory of Geodesy, the Laboratory of Building Services, the Laboratory of Water Treatment, the Laboratory of Construction Machines, etc.

In 2003, the Romanian National Council for University Research gave a accreditation to seven Research Centers founded at the Technical University of Civil Engineering Bucharest:

- Center for Reliability of Structures under Natural Hazards Actions (Director Prof. Dan Lungu
- Center for Geotechnical Engineering (Director Prof. Iacint Manoliu)
- Center for Civil Engineering (Director Prof. Serban Dima)
- Center for Roads and Airfields (Director Prof.Constantin Romanescu)
- Center for Enviromental Engineering (Director Prof. Marin Sandu)
- Center for Hydraulic Works and Water Resources Management (Director Prof. Mircea Selarescu)
- Center for Equipments and Processes in Construction Engineering (Director Prof. Nicolae Zevedei)

The main areas covered by the research carried out at the University are as follows:

- Anti- seismic protection of structures
- Ensurance of strength, safety and durability of structures
- Retrofitting of buildings
- Devising new building materials
- Geotechnical problems in special soil conditions
- Ecology and environmental protection
- Hydraulics
- Hydraulic structures
- Water supply, sewerage, water sewage and regeneration
- Bridges and transportation networks
- Geodesy, photogrammetry and remote sensing
- Ensuring the requirements for normal exploitation and the health and comfort of users of the buildings
- Modern technology and equipments for the mechanisation and automation of construction work
- Electric and lighting installations for buildings
- Elaboration of codes and specifications for various types of constructions, in compliance with international standards.

8. INTERNATIONAL LINKS

Over the years the Technical University of Civil Engineering of Bucharest has received a large number of students from foreign countries. Between 1975 and 2003, more than 1350 foreign students have graduated and received an M.Sc. degree from the University. In the same period, 74 foreign graduates completed their doctoral studies and received a Ph. D. degree from the Technical University of Civil Engineering of Bucharest.

At present, a major point of attraction for foreign students is the Department of Civil Engineering created in 1990, which offers complete 5 year engineering education in English and in French.

Weak and sporadic before December 1989, the University's international contacts have developed strongly during the past twenty-one years.

The Technical University of Civil Engineering of Bucharest has been a partner in 15 TEMPUS Joint European Projects and the coordinator of seven of them. It has been also involved in a number of research projects financed by the E.U. Starting with the academical year 1998-1999, the Technical University of Civil Engineering Bucharest took part to various activities in the frame of the SOCRATES-ERASMUS programme of the E.U.

It initiated and coordinates the SOCRATES-ERASMUS Thematic Network Project EUCEET (**E**uropean **C**ivil **E**ngineering **E**ducation and **T**raining) involving 125 partners from 29 European countries, among which 100 leading European universities offering education in civil engineering.

In March 2001 the Technical University of Civil Engineering Bucharest concluded with Ecole Nationale des Ponts et Chaussées, Paris, a *Double-Diploma* agreement.

Close links have been established, in the framework of international programs or based on bilateral agreements, with a large number of universities and research institutions, including:

In France:

- Ecole Nationale des Ponts et Chaussées, Paris;
- Ecole des Mines, Paris;
- Université Pierre et Marie Curie, Paris;
- Université Paris 7-Denis Diderot;
- Université de Savoie, Chambéry;
- Institut National des Sciences Appliquées de Lyon;
- Université Claude Bernard Lyon 1;
- Ecole Nationale des Travaux Publics de l'Etat Lyon;
- Institut National des Sciences Appliquées de Rennes;
- Institut National Polytechnique de Toulouse;
- Institut National Polytechnique de Grenoble;
- Université Louis Pasteur, Strasbourg;
- Université Montpellier II;
- Université de la Rochelle;
- Université de Nantes;
- Université Joseph Fourier Grenoble 1;
- Université de Rennes;
- Université de Rouen
- Université de Valenciennes et du Hainaut Cambresis;
- Université Henri Poincaré, Nancy
- Ecole Nationale des Sciences Géographiques, Paris
- Laboratoire Central des Ponts et Chaussées, Paris;

In Italy:

- Politecnico di Torino;
- Università degli Studi di Genova;
- Università degli Studi di Napoli;
- Università degli Studi di Firenze;
- Università degli Studi di Brescia
- ISMES Bergamo.

In Belgium:

- Université de Liège;
- University of Ghent;
- Université de Mons;
- Vrije Universiteit Brussels;
- Université Catholique de Louvain;

In Netherlands:

- Delft Technical University;
- Twente University, Enschede;
- Eindhoven University of Technology.

In United Kingdom:

- City University, London;
- Imperial College, London;
- South Bank University, London;
- University of Greenwich, London;
- University of Sheffield;
- University of Manchester;
- University of Central Lancashire;
- Darlington College;
- Leeds University;
- University of Surrey, Guildford;
- University of Strathclyde, Glasgow;
- Cardiff University.

In Germany:

- Technische Universität Berlin;
- Universität Gesamthochschule Essen;
- Universität Hannover;
- Niedersächsisches - Landesvermessungsamt Hannover;
- Institut für Angewandte Geodäsie, Frankfurt;
- Technische Universität Dresden;
- Technische Universität Darmstadt.
- Technische Hochschule Aachen;
- Technische Universität Carlo-Wilhelmina Braunschweig;

- Universität Fridericiana Karlsruhe;
- Fachhochschule Oldenburg.

In Denmark:

- Technical University of Denmark;
- Aalborg University;
- The Engineering College Odense;
- Institute for Geodesy and Cadastre, Copenhagen;
- Vitus Bering International.

In Finland:

- Tampere Polytechnic University;
- University of Jyväskylä.

In Sweden:

- Chalmers University of Technology, Göteborg

In Portugal:

- Instituto Superior Tecnico, Lisboa;
- Instituto Superior Tecnico, Setubal;
- Universidade do Porto;
- Universidade Nova de Lisboa;
- Instituto Politecnico de Viseu
- Laboratorio Nacional de Engenharia Civil, Lisboa.

In Spain:

- Universidad Politecnica, Madrid;
- Universidad Politecnica de Catalunya, Barcelona;
- Universidad Politecnica de Valencia;
- Universidad de Cantabria, Santander;
- Universidad de Girona;
- CEDEX Madrid.

In Switzerland:

- ETH Zürich;
- EPF Lausanne.

In Austria:

- Technische Universität Wien;
- University of Salzburg;
- Technische Universität Graz.

In Greece:

- National Technical University, Athens;
- Aristotle University, Thessaloniki;
- University of Macedonia, Thessaloniki;
- University of Patras.

In the Republic of Moldova:

- Technical University Chisinau

In Russia:

- MISI- Civil Engineering Institute of Moscow

In Yugoslavia:

- University of Nish;
- University "S. Markovici", Kraguevac.

In U.S.A.:

- University of Texas at Austin;
- Johns Hopkins University, Baltimore;
- Northwestern University, Evanston;
- University of Iowa, Iowa City;
- University of Colorado, Boulder.

9. ADMISSION OF STUDENTS (ROMANIAN CITIZENS)

Admission of Romanian citizens to study at the Technical University of Civil Engineering of Bucharest is based on the results of an entrance examination. The candidates must have the Diploma of Baccalaureate obtained at the end of secondary school studies.

The number of places for each academic year is proposed by the Senate of the University and is subject to the approval of the Ministry for Education and Research. The entrance examination is organized for each degree programme (specialization) separately.

Studies at the Technical University of Civil Engineering of Bucharest, like at all other state higher education institutions of the country, are free of fees for Romanian citizens for the nominal duration of programmes (4-years). However, there can be some small fees for the entrance examination, for registration, for repeating the academic year or the graduation examination, etc.

10. ADMISSION OF STUDENTS AND SUPPLEMENTARY INFORMATION FOR FOREIGN STUDENTS

10.1 Undergraduate studies (4-years programmes)

Admission

The documents required for the admission of foreign citizens for undergraduate studies are:

- a copy of the High School graduation Diploma;
- a copy of the birth certificate;
- a medical certificate.

There is no entrance examination. If university studies are to be followed in Romanian, a preparatory year is mandatory for studying Romanian language and improving knowledge in some basis sciences (mathematics, physics). If the

applicant wants to study in a foreign language (**English or French**) at the Faculty of Engineering in Foreign Languages, he/she must pass a language proficiency test.

Tuition

The tuition is of 270 EURO per month for the whole duration of the academic year (9 months = 2430 Euro/year), including practical stages and examination sessions. The costs for accommodation and meals are not included .

Applicants should send the documents required and the application to the International Office of the University or Secretariat of Rectorate (iro@hidro.utcb.ro resp. secretariat@utcb.ro).

Foreign students involved in exchange programmes with T.U.C.E.B. pay tuition to their home university.

10.2 Postgraduate studies Masterate (1.5 years programmes – only in Romanian language)

Admission:

The documents required for the for the admission of foreign citizens for postgraduate studies are:

- a copy of the Engineer Diploma;
- a copy of the birth certificate;
- a medical certificate.

There is no entrance examination. If university studies are to be followed in Romanian, a preparatory year is mandatory for studying Romanian language and improving knowledge in some basis sciences (mathematics, physics).

Tuition

The tuition is of 270 EURO per month for the whole duration of the academic year (9 months), including practical stages and examination sessions. The costs for accommodation and meals are not included.

Applicants should send the documents required and the application to the International Office of the University or Secretariat of Rectorate (iro@hidro.utcb.ro resp. secretariat@utcb.ro).

Foreign students involved in exchange programmes with T.U.C.E.B. pay tuition to their home university.

10.3 Doctorate studies

Admission

Graduates of min 5-year undergraduate studies (in this case 4 years undergraduate + 1.5 years masterate) having an engineering degree are allowed to register for a doctoral programme.

Doctorate studies are organized both as a full time (intra-mural) or part-time (extra-mural) programmes.

The period of study for intra-mural doctorate studies is of 3 years and for extra-mural studies of maximum 5 years.

The documents required for the admission of foreign citizens for undergraduate studies are:

- a copy of the university graduation diploma;
- a copy of the birth certificate;
- a medical certificate.

Activities within the doctoral programme (examination, reports, thesis) can be carried out either in Romanian or in a foreign language (English or French).

Tuition

The fee is 290 EURO per month for the full-time (9 month/ years intra-mural) programme and 290 EURO per exam or report for part-time (extra-mural) programme (870 euro/years) . The fee for the public defense of the thesis for the candidate in the extra-mural programme is 540 EURO. Applicants should send the documents required and the application to the International Office of the University or Secretariat of Rectorate (iro@hidro.utcb.ro resp. secretariat@utcb.ro).

10.4 Housing

Foreign students can be housed in halls of residence of T.U.C.E.B. or in private accommodation, with the assistance of the International Relations Office (around 50 euro/month). Meals can be served at the University cafeteria. The average room and board expenses for international students are currently around 150-200 EURO per month.

10.5 Academic year

The academic year at the Technical University of Civil Engineering of Bucharest begins at 1st October and continues through the year until mid July, with holiday breaks in December, February and April.

11. ROMANIA

Capital: Bucharest

Area: 237,500 km²

Neighbours: Hungary, Ukraine, Moldova, the Black Sea, Bulgaria, Yugoslavia

Population: in 1992 – 22,810,035

- romanians – 89.4 %
- ethnic minorities – 10.6 %

Administrative division: 40 counties and Bucharest Municipality, 260 towns, 2,688 communes.

Main cities: Constanta (351,000), Iasi (344,000), Timisoara (334,000), Cluj-Napoca (329,000), Galati (326,000), Brasov (324,000).

Official Language: Romanian, the Eastern – most Romance language.

State organization: Republic. Two-Chambers Parliament for a 4-year term, a President elected by universal vote for 5 years, a Government validated by Parliament.

BUCHAREST

Area: 1,521 km², divided into 6 districts

Population: 2,354,510 – in 1992. One of the largest and most important cities in E and SE Europe.

Location: In the south of the country, near parallel 45° and meridian 25°, in the Romanian Plain, on the rivers Dâmbovița and Colentina, at 70-90 m alt.

History: The city dates from the 14th century and it is recorded in writing for the first time in 1459 as the residence of Prince Vlad the Impaler as Capital of Wallachia in the 17th – 19th centuries, then of Romania since 1862. It is the most important political, economic, cultural, scientific and educational centre of Romania, the main communication junction, with 8 main railway lines and 9 throughfares. It has large parks, many museums and monuments and over 300 churches.

The location in Bucharest of the three main campuses of the Technical University of Civil Engineering:

1. Bd. Lacul Tei 124 Sect. 2 Bucharest Tel. 00 4 021 242 12 08 (Rectorate)

2. Bd. Pache Protopopescu 66 Sect 2 Bucharest Tel. 00 4 021 252 46 20

Calea Plevnei 59 Sect 1 Bucharest Tel 00 4 021 315 82 01

CONTACTS

RECTORATE

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President Prof. Eng. Petre PATRUT Ph.D Tel. /Fax + 40-21 -242 07 81 E-mail: patrut@utcb.ro

Faculty of Engineering in Foreign Languages **(with training in English and French)** eng 4 years

Dean : Prof.Nicoleta Radulescu Ph.D +40-21-242 12 08 E-mail : nicoleta@hidro.utcb.ro

Or Vicedean Prof. Laurentiu OLAN Ph.D E – mail : laurentiuolan@yahoo.com

Faculty (with training in Romanian) eng 4 years

Faculty of Civil, Industrial and Agricultural Buildings : Dean Prof. D PREDA Ph.D dpreda@utcb.ro

Faculty of Hydrotechnics: Dean Prof. I. BICA Ph.D bica@utcb.ro

Faculty of Railways, Roads and Bridges: Dean Prof. M. DICU Ph.D mdicu@cfdp.utcb.ro

Faculty of Building Services: Dean Prof. S. LAZAR Ph.D serzar@instal.utcb.ro

Faculty of Technological Equipment: Dean Prof. I. DAVID Ph.D david@utcb.ro

Faculty of Geodesy: Dean Prof. D. ONOSE Ph.D balanta7@hotmail.com

Department of Foreign Languages and Communication: (translators 3 years) **Director Prof. Z. MANOLESCU Ph.D** traducatori@utcb.ro

For further Information, and formular of APPLICATION, please contact:

TECHNICAL UNIVERSITY OF CIVIL ENGINEERING BUCHAREST

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