



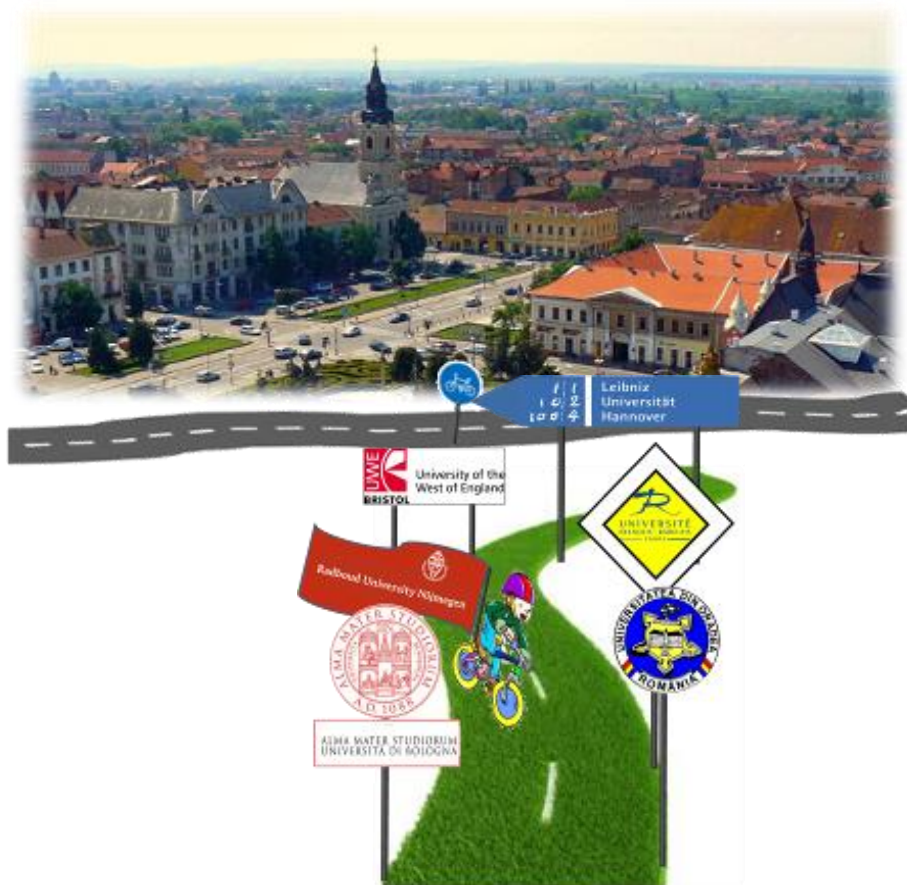
# ERASMUS

## Intensive Programme 2013 Oradea

### 06.03.2013 – 17.03.2013

### Spatial planning and sustainable urban transport systems TransPlan

Code: 12-EIP-RO ORADEA01



## Contents

Introduction	3
About Oradea	5
About our University	7
Department of Geography, Tourism and Territorial Planning	9
Programme of the IP 2013	10
Group assignment IP 2013 Oradea: Spatial planning and sustainable urban transport systems	18
Participants	20
International Groups	23
Travelling between the accommodation and the university (bus)	24
How to reach the university by bus (LINE 14)	25
The university campus	26
Public transport	27
Area/city maps	28
Contact numbers	30
Your notes	31



## Introduction

Dear colleagues and students from Bologna, Bristol, Hannover, Nijmegen, Tours and Oradea.

During the two weeks of this ERASMUS Intensive Programme (IP) project we want to discover both the differences and similarities in urban and regional planning in our countries. This is an interactive and participative process so please bring in your ideas during the workshops and through your questions and group working activities. You will be living and working in Oradea for the duration of this exercise and it will probably be the first time in Oradea and Romania for most of you. We hope it will be an interesting and pleasant stay.

In the past Bologna, Bristol, Hannover, Nijmegen and Tours have hosted annual IPs, but this is the first time that the IP is being held in Oradea.

The idea for the first European IP was born in Tours during an ERASMUS network meeting in **1990**. It was first run in Bristol in March 1991, where we tried to analyse and compare our national planning systems under the topic "*Planning for Environmental Quality in New Developments*". The positive outcomes and response from this first session encouraged us to regularly carry out a number of subsequent IPs:

- 1992 Tours                      *Coordination and Decision Making Procedures in Planning*
- 1993 Nijmegen                *Public and Private Partnership in Physical Planning*  
*European Policies and Regional and Local Planning*
- 1994 Hannover                *- Objectives, Procedures, Impacts - Cooperative or Competition?*
- 1995 Bologna                 *The Less Privileged Area Policies: How Can Planning Measures Help these Areas at a Regional Level?*
- 1996 Bristol                  *Rehabilitation Policies in Run Down and Underprivileged Urban Neighbourhoods*



- 1997 Tours *Policy and implementation of sustainable mobility in urban areas*
- 1999 Nijmegen *Planning for Sustainable Cities: the Arnhem-Nijmegen-Node (KAN)*
- 2000 Hannover *Planning for Sustainable Cities: the EXPO City*
- 2001 Bologna *Urban Centres and Sustainable Development*
- 2003 Bristol *Sustainable Solutions for Bristol: Redcliffe and the Millennium Mile*
- 2004 Tours *Planning for a Mixed Use Sustainable Development: Les Deux Lions*
- 2005 Nijmegen *Koers West Redevelopment*
- 2006 Hannover *Sustainable Spatial Planning and Water Management: The Conti- Limmer Site*
- 2007 Cesena *Sustainable Spatial Planning and Water Management*
- 2008 Bristol *Sustainable Spatial Planning and Water Management*
- 2009 Tours *Spatial Planning Responses to Climate Change: A Low Energy District for Joué-les-Tours*
- 2010 Nijmegen *Spatial Planning Responses to Climate Change*
- 2011 Hannover *Spatial planning responses to climate change: renewal of inner cities*

Hosted in Oradea for the first time, the current year's IP will tackle the issue of "*Spatial planning and sustainable urban transport systems*".

During the IP students will design an integrated metropolitan sustainable transport network which will connect new development sites and the surrounding municipalities to the urban core.

Designing a sustainable transport system requires an integrated approach of interdisciplinary areas such as spatial planning and sustainable development. These areas include socio-economic issues (such as demographic issues and job opportunities), environmental aspects (such as biodiversity and air quality), transport and mobility, energy efficiency, waste and recycling, water management etc.



The main objectives for students is to develop a critical reflection on the role of spatial planning in public transportation with close attention to the economic, environmental and social issues and to develop innovative proposals for a sustainable and integrated public transport development.

Other objectives include developing a cross-national and multidisciplinary learning/working approach and to learn about good practices in other countries and to communicate across linguistic, cultural and disciplinary barriers.

The efficiency of urban transport and other issues, including those of land use and spatial development, are high on international and national agendas. The public transport system is very important for the development of a community, which is why it is now widely accepted that especially urbanized areas are facing considerable challenges and have to find appropriate tools to develop sustainable public transport system.

In the remainder of this booklet, you will find useful information and addresses. If you want to know more and you cannot find it here, please ask our Romanian staff and students - they will be happy to help you.

*Dr. Valentin Nemes*  
*Dr. Paul Olău*  
*Dr. Luminița Filimon*



## Oradea



Oradea is the capital city of Bihor County and one of the important centres of economic, social and cultural development in the western part of Romania, retaining these characteristics throughout history.

Located on the banks of Crişul Repede river, that divides the city into almost equal halves, it is the gateway to Central and Western Europe. 10 km away from Borş, the most important crossing point on the west border (with Hungary), Oradea ranks tenth in size among Romanian cities. It covers an area of 11,556 ha. Concerning the climate, in Oradea the annual average temperature is 10.4°C. In July the average is about 21 C, while in January the average is -1.4 C.

The main part of the city is situated on the floodplain and on the terraces situated down the river Crişul Repede. Oradea is famous for its thermal springs.

First mentioned in 1113, under the Latin name *Varadinum*, the city flourished both economically and culturally during the 13th century. It was at this time that the Citadel of Oradea, first mentioned in 1241 during the Mongol invasion, was first built. It would be destroyed and rebuilt several times over the course of following centuries.



After the Ottoman invasion of Hungary, in the 16th century, the city became a constant point of contention between the Principality of Transylvania, the Ottoman Empire, and the Habsburg Monarchy. In 1660 the Ottomans, with a force of 45000 men, besieged the city for the last time. The 850 defenders managed to hold out for 46 days, but eventually the city fell on the 27th of August due to internal treachery. The Ottomans would establish the city of Oradea as the capital of the newly formed Eyalet of Varat. Ottoman dominance of the city ended in 1692, when, the Habsburg imperial forces conquered the city after a 14th month siege.

Under the Habsburgs the city entered its golden age. The Viennese engineer Franz Anton Hillebrandt given the task of planning the city in the Baroque style and, starting with the year 1752, many of the city's current landmarks were constructed such as the Roman Catholic Cathedral, the Moon Church, the State Theatre and the Baroque Palace, presently the Muzeul Țării Crișurilor ("The Museum of the Criș land").

At the end of World War I, as a result of the National Assembly of Alba Iulia and the Hungarian-Romanian war of 1919, Oradea, became a part of the Kingdom of Romania under the Treaty of Trianon. The Second Vienna Award brokered by Hitler and Mussolini in 1940 allowed Hungary to reoccupy Northern Transylvania, including Oradea, but, being on the losing side again, had to relinquish claims to it under the Treaty of Paris concluded on 10 February 1947. After World War II, Romania became a People's Republic and a member of the Warsaw Pact.

With the fall of the Iron Curtain and the 1989 Revolution, Romania began its transition towards democracy and a capitalist market economy. After a decade of post-revolution economic problems and living-standards decline, extensive reforms fostered economic recovery.

After December 1989, Oradea aims to achieve greater prosperity along with other towns in Central Europe. Both culturally and economically, due to its specific character, Oradea is one of the most important economic and cultural centres of Western Romania and of the country in general, and one of the great academic centres, with a unique bilingual dynamic.



## About our University



This year we are celebrating 233 years since the first higher education classes in Oradea and 48 years of continuous higher education in Oradea.

In 1780, "a higher institution for philosophic teaching" was founded in Oradea, which was to become in 1788 the Faculty of Law, the oldest faculty not only within the Romanian borders but also in a vast region of Eastern Europe.

After 1921, all the courses at the Law Faculty were taught in Romanian. In 1923, the foundation of two theological academies gave new dimensions to the academic life in Oradea.

In 1934, under inauspicious circumstances and after 150 years of longstanding activity, the Law Faculty - the academic nucleus of Oradea - is transferred to Cluj-Napoca.

After a thirty-year break in the activity of the Law Academy of Oradea, on 1 October 1963, an order of the Ministry of Education established in Oradea a 3-year Pedagogic Institute which was meant to do away with the scarcity of teachers in secondary education.





The new institution of higher education began its activity with two faculties: Philology and Mathematics-Physics, and a year later **History-Geography** and Physical Education were added. One by one, the new sections obtained an academic status until 1983, when due to a poor educational policy, the didactic and Humanist specialization diminished their activity, and from a prosperous institution of higher education, Oradea turned into an engineering college affiliated to the Technical University of Cluj-Napoca.

In May 1990 a decree of the Romanian Government established the Technical University of Oradea, later called the University of Oradea, and based on impressive traditions of academic life in the town. It was an act of scientific and cultural restoration long expected in the life of the Romanian society, a major gain of the people's Revolution of December 1989. This is how the dream of several generations of scholars came true, clearly expressed by a historian of Oradea: *"As regarding the future, the desire of all well-meant Romanians is to establish in Oradea a complete university, the lights of which will shine across the entire western border of Romania"*.

Today, the University of Oradea is an integrated institution of higher education of this kind, comprising 18 faculties, with a total of 123 fields of study for undergraduates and 151 post-graduate specialization degrees. The University employs 2,003 people, of which 1,237 are teaching personnel, and over 26,000 students (including part-time students and those engaging in distance learning).



## Department of Geography, Tourism and Territorial Planning



Our Faculty of Geography, Tourism and Sport has two departments:

- The Department of Physical Activity, Sports and physiotherapy
- The Department of Geography, Tourism and Territorial Planning

The department offers bachelor, master and doctoral degrees:

### 1. Bachelor:

- Geography (3 years)
- Tourism Geography (3 years)
- Tourism Geography – in English (3 years)
- Territorial Planning (3 years)

### 2. Master:

- Tourism Management and Planning (2 years)
- Tourism Management and Planning – in English (2 years)
- Management and Territorial Planning assisted by GIS (2 years)

### 3. Doctoral studies



## Programme of the IP 2013



### **6 March 2013 (Wednesday)**

#### *Arrival Day*

Arrival of the English, Dutch, French, German and Italian groups at different hours the airport (Budapest airport, transfer to Oradea).

You will be taken directly to where you are accommodated and you will be able to check in on arrival:

#### **Hotelul de tineret (Youth Hostel)**

**Str. Mihai Eminescu nr. 11**

Once everyone has arrived...

Welcome word at the teachers' accommodation:

#### **Hotel Maxim**

**Str. Victor Babeş nr. 5**

A series of maps can be found to the rear of this guide to help you orientate yourself.



**7 March 2013 (Thursday)**



*Location:* Oradea University Library, str. Universității nr. 1, Conference room (ground floor)

*Aims:* Understanding spatial planning in Romania and Oradea Metropolitan Area; learning from national case-studies

---

09 <sup>00</sup> -10 <sup>00</sup>	Welcome speeches and introduction (representatives of the University, Faculty and Oradea IP organizers)
10 <sup>00</sup> -11 <sup>00</sup>	The Romanian planning system (dr. Paul Olău)
11 <sup>00</sup> -11 <sup>30</sup>	Short break
11 <sup>30</sup> -12 <sup>30</sup>	Urban development and transport in Oradea (Chief Architect, Adriana Lipoveanu)
12 <sup>30</sup> -13 <sup>30</sup>	Lunch break
13 <sup>30</sup> -14 <sup>15</sup>	National presentation: Bristol, Q & A
14 <sup>15</sup> -15 <sup>00</sup>	National presentation: Nijmegen, Q & A
15 <sup>00</sup> -15 <sup>30</sup>	Short break
15 <sup>30</sup> -16 <sup>15</sup>	National presentation: Hannover, Q & A
16 <sup>15</sup> -17 <sup>30</sup>	Presentation of Oradea Metropolitan Area - Questions and discussion about the new urban transport masterplan of Oradea Metropolitan Area (Ciprian Barna, Director of the OMA)
17 <sup>30</sup> -18 <sup>00</sup>	Comparative discussion of international presentations (Jasper Beekmans)



**8 March 2013 (Friday)**

*Location:* Oradea University Library, str. Universităţii nr. 1, Conference room (ground floor)

*Aims:* Learning from national case-studies; organization related issues; exercises and statistical data on urban mobility

---

09 <sup>00</sup> -09 <sup>45</sup>	National presentation: Bologna, Q & A
09 <sup>45</sup> -10 <sup>30</sup>	National presentation: Tours, Q & A
10 <sup>30</sup> -11 <sup>00</sup>	Short break
11 <sup>00</sup> -11 <sup>45</sup>	National presentation: Oradea, Q & A
11 <sup>45</sup> -13 <sup>00</sup>	Introduction to group assignment (dr. Paul Olău, dr. Liviu Bucur)
13 <sup>00</sup> -14 <sup>00</sup>	Lunch break
14 <sup>00</sup> -14 <sup>30</sup>	Setting up in international groups
14 <sup>30</sup> -16 <sup>00</sup>	Group exercise on criteria for urban transport and spatial planning (dr. Frank Scholles, Kirsten Aleth)
16 <sup>00</sup> -16 <sup>30</sup>	Short break
16 <sup>30</sup> -17 <sup>30</sup>	Preliminary findings of the mobility study conducted within Oradea Metropolitan Area (INCERTRANS Bucureşti, conf. dr. ing. Florin Ghionea)
17 <sup>30</sup> -18 <sup>00</sup>	Comparative discussion of international presentations (Jasper Beekmans)



## 9 March 2013 (Saturday)



*Location:* OTL Public transport company head office, Atelierelor street, no. 12

*Aims:* Understanding local transport planning issues; site visit

---

- 09<sup>00</sup>-12<sup>30</sup> Discussions about transport planning in the city of Oradea (director dr.ing. Istvan Csuzi, Public transport company)
- 12<sup>30</sup>-14<sup>00</sup> Lunch break
- 14<sup>00</sup>-18<sup>00</sup> Site visit in Oradea Metropolitan Area

## 10 March 2013 (Sunday)



*Location:* Field trip to Debrecen (Hungary)

---

- 09<sup>00</sup> Departure by bus from city centre
- 11<sup>00</sup>-13<sup>00</sup> Debrecen public transport company head office (DKV)
- 13<sup>00</sup>-17<sup>00</sup> Guided inner city tour, city centre development, snack break in between
- 17<sup>00</sup> Departure from Debrecen back to Oradea
- 18<sup>30</sup> Arrival in Oradea



**11 March 2013 (Monday)**

*Location:* Oradea University Library, str. Universităţii nr. 1, 4<sup>th</sup> floor (room 1-6)

*Aims:* International student group work

---

09<sup>00</sup>-13<sup>00</sup> Independent student group work

13<sup>00</sup>-14<sup>00</sup> Lunch break

14<sup>00</sup>-18<sup>00</sup> Independent student group work

**12 March 2013 (Tuesday)**

*Location:* Oradea University Library, str. Universităţii nr. 1, 4<sup>th</sup> floor (room 1-6)

*Aims:* International student group work

---

09<sup>00</sup>-13<sup>00</sup> Independent student group work

13<sup>00</sup>-14<sup>00</sup> Lunch break

14<sup>00</sup>-18<sup>00</sup> Independent student group work



### 13 March 2013 (Wednesday)



*Location:* Oradea University Library, str. Universității nr. 1, 4<sup>th</sup> floor (room 1-6)

*Aims:* International student group work

---

09<sup>00</sup>-13<sup>00</sup> Independent student group work  
 13<sup>00</sup>-14<sup>00</sup> Lunch break  
 14<sup>00</sup>-18<sup>00</sup> Interim presentations of international groups

### 14 March 2013 (Thursday)



*Location:* Oradea University Library, str. Universității nr. 1, 4<sup>th</sup> floor (room 1-6)

*Aims:* International student group work

---

09<sup>00</sup>-13<sup>00</sup> Independent student group work  
 13<sup>00</sup>-14<sup>00</sup> Lunch break  
 14<sup>00</sup>-18<sup>00</sup> Independent student group work





**15 March 2013 (Friday)**



*Location:* Oradea University Library, str. Universităţii nr. 1, 4<sup>th</sup> floor (room 1-6)

*Aims:* International student group work

---

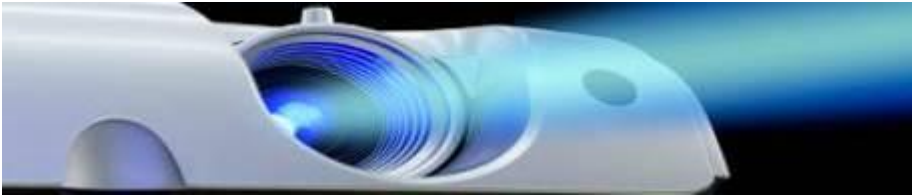
09<sup>00</sup>-18<sup>00</sup> Independent student group work

13<sup>00</sup>-14<sup>00</sup> Lunch break

14<sup>00</sup>-18<sup>00</sup> Independent student group work



## 16 March 2013 (Saturday)



*Location:* Oradea University, str. Universității nr. 1, Aula Magna

*Aims:* Plenary session with final presentations of the international groups

09 <sup>00</sup> -09 <sup>45</sup>	Group 1
09 <sup>45</sup> -10 <sup>30</sup>	Group 2
10 <sup>30</sup> -11 <sup>00</sup>	Short break
11 <sup>00</sup> -11 <sup>45</sup>	Group 3
11 <sup>45</sup> -12 <sup>30</sup>	Group 4
12 <sup>30</sup> -14 <sup>00</sup>	Lunch break
14 <sup>00</sup> -14 <sup>45</sup>	Group 5
14 <sup>45</sup> -15 <sup>30</sup>	Group 6
15 <sup>30</sup> -16 <sup>00</sup>	Tutors meeting for feedback session / students complete evaluation form
16 <sup>00</sup> -17 <sup>00</sup>	Feedback on student work
19 <sup>30</sup>	Closing ceremony at the teachers' accommodation (Hotel Maxim str. Victor Babeș nr. 5)

## 17 March 2013 (Sunday)

National group arrangements for departure (transfer from Oradea to Budapest Airport)



## Group assignment IP 2013 Oradea: Spatial planning and sustainable urban transport systems - TransPlan



The Oradea Metropolitan Area (OMA) in partnership with OTL Oradea (local transport company) is developing a strategy and a mobility plan for the city of Oradea and the surrounding municipalities.

International groups are expected to work on the following steps:

1. Develop a list of criteria on sustainable urban transportation.
2. Develop an understanding of and critically analyse the existing local and regional actors' initiatives (projects, strategies and urban development plans).
3. Critically analyse the existing urban transport system.
4. Undertake a SWOT analysis of the OMA mobility features looking at both local and regional level.
5. On the basis of your list of criteria and your assessment, students will eventually have to develop alternative proposals (both strategic and physical) for different neighbourhoods within the metropolitan area.



**Outputs:**

On the final day of the project, you should present your sustainable transport system criteria, results of the SWOT analysis, your strategic alternatives and action plan proposals in the following formats:

1. a final report of about 3000 words, concisely written and appropriately referenced, in one hardcopy version and a digital format will be given to Oradea organizers,
2. maps for the planning proposals, and possibly photographs and diagrams that you may want to use to illustrate your scheme, both in hardcopy and digitally as above,
3. a slide presentation of no more than 30 minutes presentation time to be presented by the entire group, which should be submitted in hardcopy showing four slides on a page, as well as a PPT file given to Oradea organizers.



## Participants

---



Université François Rabelais  
[www.univ-tours.fr](http://www.univ-tours.fr)

---

### Staff:

Brynhild Drain  
 José Serrano

### Students :

Alexandre Ahier  
 Alix Bourboulon  
 Tristan Fuchs  
 Jean-Christophe Goudouneix  
 Maxime Masson  
 Charlotte Thery

---



Leibniz  
 Universität  
 Hannover

Gottfried Wilhelm Leibniz  
 Universität Hannover [www.uni-hannover.de](http://www.uni-hannover.de)

---

### Staff:

Frank Scholles  
 Kirsten Aleth

### Students :

Klara Bode  
 Falco Knaps  
 Mareen Pielock  
 Laura Richter  
 Marten Urban  
 Anna Ziegler

---





ALMA MATER STUDIORUM  
UNIVERSITÀ DI BOLOGNA

---

Alma Mater Studiorum - Università  
di Bologna  
[www.dapt.ing.unibo.it](http://www.dapt.ing.unibo.it)

**Staff:**

Giorgia Rambaldi  
Stefania Proli

**Students :**

Francesco Cerulli  
Andrea Pasi  
Vittorio Nascetti  
Rita Magris  
Sara Ferioli  
Giulia Marzani



University of the  
West of England

University of the West of England,  
Bristol  
[www.uwe.ac.uk](http://www.uwe.ac.uk)

---

**Staff:**

Michael Short  
Adam Sheppard

**Students :**

Georgina Tyler  
Donna Collier  
Jodi Stokes  
George Yates  
Carlos Adams  
Robert Russell



---

Radboud Universiteit Nijmegen



Radboud Universiteit Nijmegen  
[www.ru.nl](http://www.ru.nl)

---

**Staff:**

Jasper Beekmans  
Stefanie Dühr

**Students :**

Frederik Brink  
Mark Stapels  
Jan Bourgonje  
Stef Tomesen  
Michiel van Teeffelen  
Twan Thissen

---



Universitatea din Oradea  
[www.uoradea.ro](http://www.uoradea.ro)

---

**Staff:**

Valentin Nemes  
Paul Emil Olău  
Luminița Filimon

**Students :**

Remus Ghiulai  
Flavia Haita  
Elena Irincu  
Stefan Vlad Molnar  
Sebastian Pușcaș  
Nicolae Șerban



---

**International groups**

<b>Group 1</b>		Room
Alexandre Ahier	Georgina Marie Tyler	room no.1
Klara Bode	Frederik Brink	(floor 4)
Francesco Cerulli	Remus Ghiulai	
<b>Group 2</b>		Room
Alix Bourboulon	Donna Louise Collier	room no.2
Knaps Falco	Mark Stapels	(floor 4)
Andrea Pasi	Elena Irincu	
<b>Group 3</b>		Room
Tristan Fuchs	Jodi Ellie Stokes	room no.3
Mareen Pielock	Jan Bourgonje	(floor 4)
Vittorio Nascetti	Stefan Vlad Molnar	
<b>Group 4</b>		Room
Jean-Cristophe Goudouneix	George Tony Yates	room no.4
Laura Richter	Stef Tomesen	(floor 4)
Rita Magris	Nicolae Serban	
<b>Group 5</b>		Room
Maxime Masson	Carlos Peter Adams	room no.5
Anna Ziegler	Michiel van Teeffelen	(floor 4)
Sara Ferioli	Flavia Sinziana Haita	
<b>Group 6</b>		Room
Charlotte Thery	Robert O. A. Russell	room no.6
Marten Urban	Twan Thissen	(floor 4)
Giulia Marzani	Sebastian G. Puscas	
<b>Staff</b>		Room
Kirsten Aleth	Stefania Proli	Conference
Jasper Beekmans	Giorgia Rambaldi	room (floor
Brynhild Drain	Frank Scholles	3)
Stefanie Dühr	José Serrano	
Luminita Filimon	Adam Sheppard	
Valentin Nemes	Michael Short	
Paul Emil Olau		

---





## Travelling between the accommodation and the university (bus)



## How to reach the university by bus (LINE 14)



to University

from University

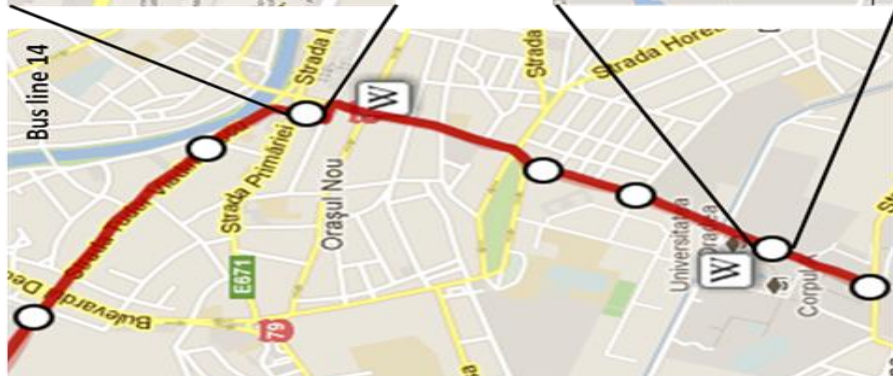


University

Library



Piata Unirii bus stop



Bus line 14



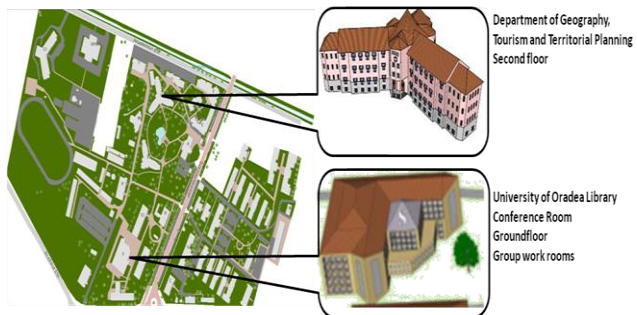
# UNIVERSITATEA DIN ORADEA

## PLAN CAMPUS I și II



- Planșă de referință în suprafață (km<sup>2</sup>)
- 1. Facultatea de Medicină și Farmacie
  - 2. Facultatea de Științe Politice, Economice și Sociologice
  - 3. Facultatea de Pedagogie și Psihologie
  - 4. Facultatea de Științe Exacte
  - 5. Facultatea de Științe Agricole și Medicină Veterinară
  - 6. Facultatea de Științe de Inginerie
  - 7. Facultatea de Științe de Inginerie și Arhitectură
  - 8. Facultatea de Științe de Inginerie și Arhitectură
  - 9. Facultatea de Științe de Inginerie și Arhitectură
  - 10. Facultatea de Științe de Inginerie și Arhitectură

Entrance



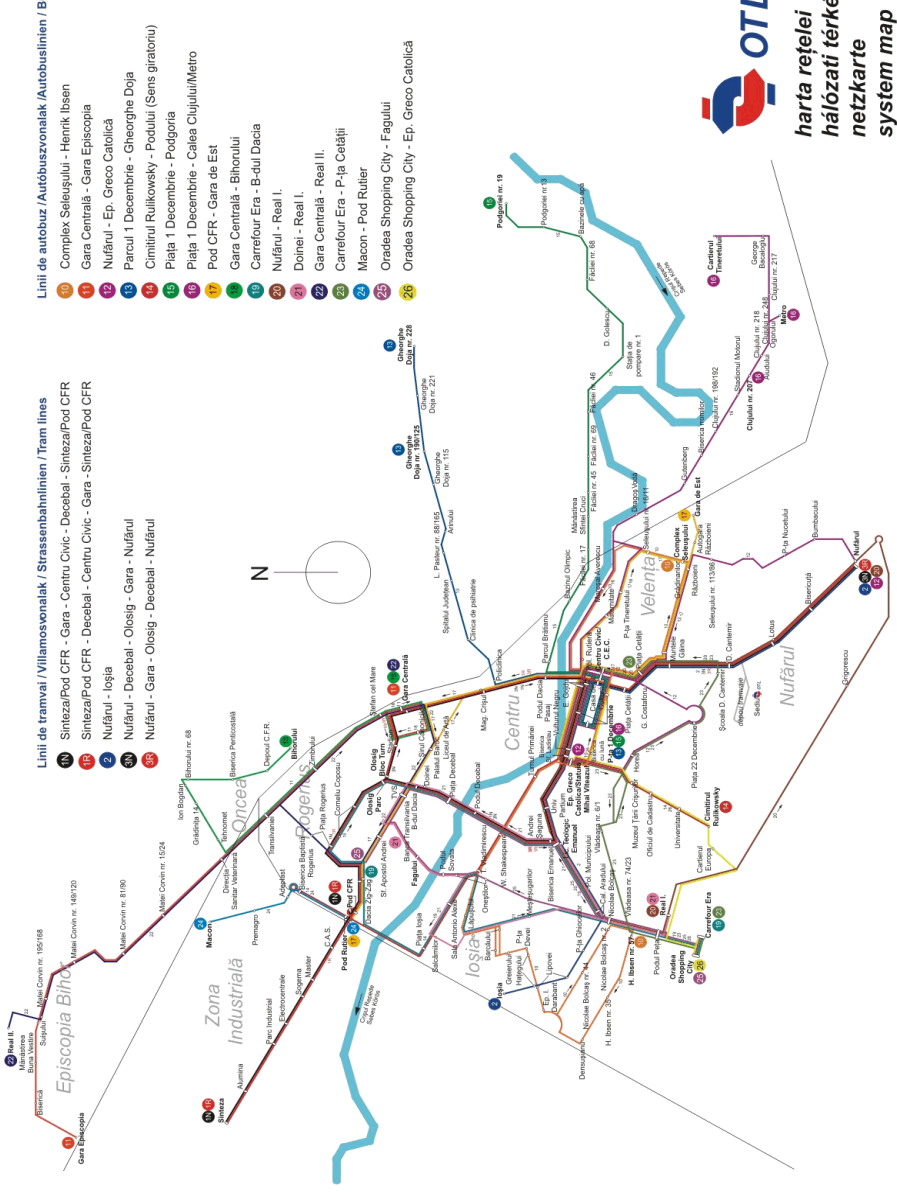


**Linii de autobuz /Autobusvonalak /Autobuslinien / Bus lines**

- 16 Complex Seleșiului - Henrik Ibsen
- 17 Gara Centrală - Gara Episcopia
- 18 Nufărul - Ep. Greco Catolică
- 19 Parcul 1 Decembrie - Gheorghe Doja
- 20 Cimitirul Ruikowsky - Podtului (Sens grătioru)
- 21 Piața 1 Decembrie - Podgoria
- 22 Piața 1 Decembrie - Calea Clujului/Metro
- 23 Pod CFR - Gara de Est
- 24 Carrefour Era - B-dul Dacia
- 25 Nufărul - Real I.
- 26 Gara Centrală - Bihorulul
- 27 Carrefour Era - P-ja Cetății
- 28 Gara Centrală - Real II.
- 29 Carrefour Era - P-ja Cetății
- 30 Macon - Pod Rulter
- 31 Oradea Shopping City - Fagului
- 32 Oradea Shopping City - Ep. Greco Catolică

**Linii de tramvai /Villamosvonalak / Strassenbahnlinien / Tram lines**

- 1 Sinteza/Pod CFR - Gara - Centru Civic - Decabal - Sinteza/Pod CFR
- 2 Sinteza/Pod CFR - Decabal - Centru Civic - Gara - Sinteza/Pod CFR
- 3 Nufărul - Iosia
- 4 Nufărul - Decabal - Olosig - Gara - Nufărul
- 5 Nufărul - Gara - Olosig - Decabal - Nufărul



Transport map

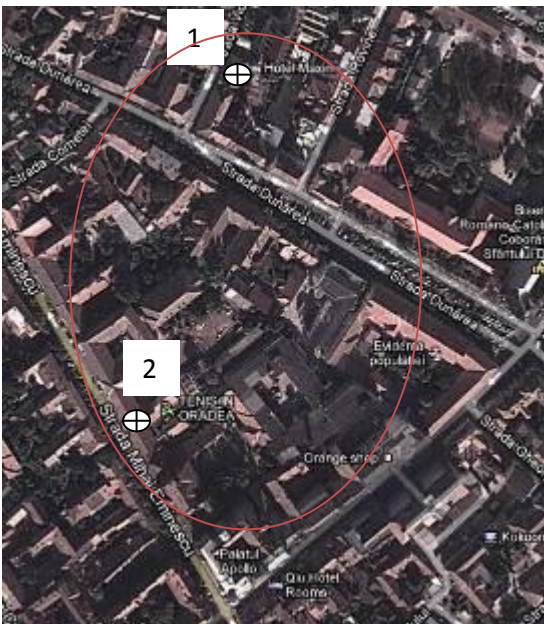


**harta rețelei  
hálózati térkép  
netzkarte  
system map**



Central area map





1. Staff accommodation
2. Student accommodation



**Important telephone numbers**

Police/Ambulance/Fire Brigade	112
Valentin Nemes mobile	(+40)741492885
Paul Emil Olau mobile	(+40)744308404
Luminita Filimon mobile	(+40)745526851
UK staff mobile	(+44)7788415169
Stefanie Dühr mobile	(+31) 681586604
Jasper Beekmans mobile	(+31) 624232541







Programul  
Învățare pe tot  
parcursul vieții



Programul  
Tineret  
în acțiune



Universitatea din Oradea  
Facultatea de Geografie, Turism și Sport  
Departamentul de Geografie, Turism și Amenajarea Teritoriului  
Strada Universității, nr. 1  
410087, Oradea

