

# **UNIVERSITY OF ROME**

**“Tor Vergata”**

**FACULTY OF MEDICINE AND SURGERY**

**FACULTY OF SCIENCES**

## **FIRST-LEVEL University Master in**

### **“Technologies Transfer in Biomedicine for Emergent and Developing Countries”**

2003 – 2004 Academic year

Director: Prof. Vittorio Colizzi

The first level University Master in “Technologies Transfer in Biomedicine for Emergent and Developing Countries” is operational since 2003/2004 academic year.

The degree (diploma) awarded at the end of the course is the first level University Master in “Technologies Transfer in Biomedicine for Emergent and Developing Countries”

The duration of the Master programme is one academic year in full time, or two years in part-time, and covers a total of 60 credits equivalent to 1500 hours.

The course will be organised in Italian English and French.

## **QUALIFICATIONS REQUIRED**

In addition to a high school certificate, a degree in Medicine, Mathematic, Physics, Natural Sciences or a first degree in health related profession is required.

Recognition for equivalence by Italia academic authorities will be required to candidates who do not have Italian degrees. The candidate will submit to the course council, official translation into Italian and legalised degrees by the Italian diplomatic representation of the country where they were issued. The council would then issue a temporal recognition pending the equivalence.

For 2003 – 2004 academic year, the maximum attendance is 20. If less than 10 students register the course will be cancel.

If the number of applications received is higher than the maximum required, a selection process based on degrees presented, scientific experience (publications) and specific professional experience will be undertaken.

During the course a student is not allowed to undertake another course.

## APPLICATION FOR ADMISSION

Applications are received not later than 30 March 2004. Candidates should:

1. Download the application on the web site [www.uniroma2.it](http://www.uniroma2.it) as follows: “immatricolazioni ed iscrizioni on line”- “Concorsi Riconoscimenti Selezioni” – “Concorsi/Riconoscimenti” – “inizia la procedura di iscrizione al concorso” – “Concorsi, corsi di perfezionamento, Master” – “Facoltà di Medicina e Chirurgia” – Master in “Trasferimento tecnologico in Biomedicina per i Paesi emergenti ed in via di sviluppo”.
2. Attach legalised copies of degree and transcript.
3. Prepare a detailed curriculum vitae and a letter of intent of less than 750 words explaining how the candidate will develop his personal activity of “transfer” of technology in biomedicine.
4. The compiled file shall be deposit or mailed (by registered mail) to the following address: “Università degli Studi di Roma “Tor Vergata” – Div. I – Ripart. III – Settore I Segreteria Corsi di Perfezionamento e Master Universitari, Via O. Raimondo 18 – 00173 ROMA”.
5. Applications from European Union extra-communautary candidates shall be forward via the Italian diplomatic representation of their country of residence. Their file shall contain in addition official legalised translated degrees in Italian as well as declaration of their value. A copy of application will be send by mail to: [unesco@uniroma2.it](mailto:unesco@uniroma2.it)

The admission list will be ready by **5 April 2004**.

Those who are admitted should complete their registration before the **30 April 2004**.

Registration fees of 2000 Euros should be paid by the candidate or his sponsor in two instalments; the first one when making registration and the second one before **1/9/2004**.

In case of sponsor by an organisation, the payment should be done before the end of the course, through a bank account, located in “agenzia n.75 della banca di Roma – c/c 500000/76 ABI 03022 CAB 03255” with indication on the reason of the payment, the title of the master and the name of the candidate.

Handicapped candidate with recognise invalidity of 66% or more, will be exonerated from registration fees and will pay only 100 Euro.

## REGISTRATION

1. Admitted candidates will have to complete their registration (through web or using the terminal self service in the Faculty on Medicine and Surgery or in the Faculty of Mathematics, Physics and Natural Sciences) following the on line procedure indicated bellow:
  - ❖ Feel the application form accessible by internet on the site [www.uniroma2.it](http://www.uniroma2.it) as folow: “Immatricolazioni ed iscrizioni on-line” - “Immatricolazione” - “Corsi di perfezionamento” - “Facoltà di Medicina e Chirurgia” - “Master in Trasferimento tecnologico in Biomedicina per i Paesi emergenti ed in via di sviluppo”  
When the application form is filed, a code “CTRL” will appear on the screen. This code should be memorized before printing the form and the bulletin. This code will help to solve incoming problems such as reprint and cancelling of application.
  - ❖ Return on line and complete payment validation by insertion of payment code (CTRL AUTH)

❖ Candidates living out of Italy will have to send by Fax or E-mail CRTL code with an application for sponsor for registration fees to the course secretariat (Dr charlotte MEDI, fax: 0039-06-72594224, email [unesco@uniroma2.it](mailto:unesco@uniroma2.it) ).

2. Send before **30 April 2004** at: Segreteria dei Corsi di perfezionamento e master universitari, Via Orazio Raimondo 18 – 00173 Roma, the following documentation:

- printed application with a fiscal stamp of 10.33 euros,
- a photocopy of identity document,
- a payment receipt and
- a receipt of inscription with the mention “da consegnare in segreteria”

3. In addition to the above-mentioned documentation, European Union extra communitary candidates living out of Italy will have to present a residence permit issued at the “Questura” in “un’unica soluzione”. European Union extra communitary candidates living in Italy will present a residence permit issued for one of the reasons mentioned in “articolo 39, quinto comma, del D.L: vo n. 286” of 25 07 1998 (independent work, subordinate work, family reason, political refuge, humanitarian refuge or religion reason)

The second instalment of the fee has to be done before **1/9/2004** by the same way used for the payment of the first part (return on line as indicated before in the section IMATRICULAZIONI ed ISCRIZIONI On-line – “volio iscrivermi agli anni successive o accedere ad altri servizi”, insert the matricule number and the password)

When the payment is coming from an organism, the candidate will still have to register online and send the registration at the address mentioned before and after the payment; bank informations should be send to “Segreteria dei Corsi di perfezionamento e Master Universitari for validation.

For more information, contact:

- For Italian candidates: Prof. Morena Baldini Tel. 06 72594217, Fax: 06 72594263,  
e-mail: [baldini@uniroma2.it](mailto:baldini@uniroma2.it)
- For European Union extra communitary candidates:  
Dr Charlotte Medi Tel: 00 39 06 72594237, Fax: 00 39 06 72594224,  
e-mail: [unesco@uniroma2.it](mailto:unesco@uniroma2.it)

Office of “Segreteria dei Corsi di perfezionamento e master universitari” are open to the public on Monday, Wednesday and Friday from 9.00 to 12.00 am and on Wednesday afternoon from 3.00 to 5.00 pm

**ADMINISTRATIVE DIRECTOR**  
**Dr Ernesto Nicolai**

**THE RECTOR**  
**Prof. Alessandro Finazzi Agrò**

# Organisation and programme of the master In “Technologies Transfer in Biomedicine for Emergent and Developing Countries”

2003 – 2004 Academic year

The master is a one year programme divided into three phases.

- ❖ Phase 1: general topics comprising modules adapted for distant teaching in country of origin
- ❖ Phase 2: Specific topics lectured in classes.
- ❖ Phase 3: Practical stage of technologies transfer in an international hosting unit

At the end of phase 1, students will pass in Rome, exams pertaining to that phase and continue with phase 2 concluded by another exam.

Upon completion of phase 3, students should prepare a thesis (dissertation paper) to be defended in the University of Tor Vergata

The diploma will only be validated if all these requirements are fulfilled.

There is flexibility in the temporal arrangement for the various phases and, candidates may adjust their timetables according to their availability, with the obligation to validate two exams and to prepare and defend the thesis in the University of Tor Vergata during the same academic year (2003 - 2004).

**Tableau I**

	<b>Activity</b>	<b>Duration</b>	<b>Didactic method</b>	<b>Evaluation</b>
<b>Common phase (Phase 1)</b>	Theoretical lessons	3 months	Traditional lectures with distance training Possibility	Oral and writing exams
<b>Specific phase (Phase 2)</b>	Théoretical lessons	2 month	Traditional lectures	Oral and writing exams
<b>Practical phase (Phase 3)</b>	Stage	3 month	Direct	Thesis (Dissertation paper)

**Tableau II**

	<b>Activity</b>	<b>Venue</b>
<b>Common phase</b>	<ul style="list-style-type: none"> <li>• Registers Conferences and exposes</li> <li>• Documentation and Courses in Data Show transmit by Internet</li> <li>• Questionnaire by e-mail (real time)</li> </ul>	University of Roma Tor Vergata With distance training Possibility
<b>Specific phase</b>	<ul style="list-style-type: none"> <li>• Traditional lectures and Conferences in rooms</li> </ul>	University of Rome Tor Vergata
<b>Practical phase</b>	<ul style="list-style-type: none"> <li>• Practical Stage for learning and mastering of transferable technology</li> </ul>	Hosting unit

**Tableau III**

<b>Common phase</b>		<b>Specific phase</b>		<b>Practical phase</b>	
3 months	<b>Exam</b>	2 months	<b>Exam</b>	3 months of stage	<b>Thesis</b>
				Hosting	

**Tableau IV**

MODULE	CREDIT	Duration	Frequency	DICIPLINE
MEDICAL SCIENCES	10	85 hours	3,4h/day	MED/17 infectious disease
				MED/42 Hygiene and Public health
				MED/38 Paediatric
				MED/12 Gastro-enterology
				MED/10 Respiratory diseases
				MED/35 skin diseases and sexual transmissible infectious
				MED/15 blood diseases
				MED/18 General surgery
				MED/ 09 internal Medicine
				MED/04 General and Molecular Pathology et
				BIO/10 clinical biochemistry
				MED/07 Microbiology
MED/08 Pathological Anatomy				
NATURALS SCIENCES	10	85 hours	3,4h/ day	M-DEA/01 Anthropology
				BIO/11 Molecular biology
				BIO/09 Physiology
TECHNICAL FIELD	17	272 hours	4,5 h/ day	ING-INF/06 Bio-engineer Electronic and computer
			4,5 h/ day	L-LIN/12 English
CULTURAL, SOCIAL AND POLITICAL FIELD	8	68 hours	4,5 h/day	M-GGR/01 Geography
				SECS-P/06 Applied Economy
				IUS/13 International Law
				IUS/04 Commercial Law
				MED/43 Legal Medicine
				M-FIL/03 Moral Philosophy
				M-PED/01 General and Social Education
M-STO/06 Religious History				
<b>PRACTICAL FIELD</b>	15	990 hours/ 3 month		Stage in Technologies Transfer