



University of Yaounde I

## Call for Applications

# Masters and PhD Programmes in Information and Communication Technologies and Sciences (ICTS)

<http://www.cetic.cm>

# CETIC

African Centre of Excellence



Centre d'Excellence Africain en Technologies de l'Information et de la Communication  
Université de Yaoundé I

## Admission Requirements

For Master 1 (resp. Master 2, PhD), applicants should be holders of a Bachelor of science (resp. Master 1, Master 2), in a field relevant to the intended programme of study. This degree should be delivered by an accredited university.

**Female and international (non Cameroonian) applicants are particularly encouraged.**

## Career Opportunities

The Masters programs prepare students to become engineers or consultants, in the field of ICTS. Graduated students can also continue with PhD studies in order to become university lecturers or researchers.

## Partners

- Universities : EPFL (Switzerland), Burundi, Kinshasa, Ndjamena, Buea, Douala, Maroua, Abomey-Galavi, Parakou, Cheikh Anta Diop.
  - Research Institutions : Inria and IRD (France).
  - Prestigious Engineering Schools : Ens-Bretagne, ENSIMAG (Grenoble), ENSPTT and ENSPT (Cameroon)
- CETIC, is implemented by the Cameroonian Government with the support of the World Bank, and benefits from a vast network of partnerships not only with higher education institutions, but also with public institutions and private companies.

## Teaching Staff

In addition to professors and senior lecturers, students will be mentored by post-doctoral fellows and PhD students. A series of conferences are included in the programs and will be animated by renowned ICTS experts.

### Computer Engineering and Telecommunications

- Full Professors:** Maurice Tchuenta, Marcel Fouda, Roger Atsa (UYI), Jean-François Mehaut (Inria, Grenoble), Hervé Martin (CNRS, Grenoble), Ange Nambila (IAI, Gabon), Claude Tangha (UPAC, Yaounde), Lionel Seinturier (Inria, Lille), Roger Nkambou (UQAM, Canada), Benoit Combemale (IRISA, Rennes), Eric Badouel (Inria, Rennes), Laurent Broto (Alstom, Toulouse), Eugène Ezin (UAC, Cotonou), Jean Robert Kala (UGAC, Yaounde), Karl Jonas (HBRS & Fraunhofer Fokus, Germany), Robert Nana (Brest), Emmanuel Nataf (Inria, Nancy), Vincent Dutot (ESG, Paris), Hippolyte Muyingi (Polytechnic of Namibia), Domenico Beneventano (Univ Modena, Italia), Albert Cohen (Inria, Nantes), Olivier Romain (ENSEA), Emmanuel Viennet (Paris 13).
- Assitant and Senior Lecturers:** Georges-Edourad Kouamou, Bernabé Batchakui, Thomas Djotio, Nana Mbinkeu (ENSP, Yaounde), François Dagorn (Irisa, Rennes), Jean-Michel Nlong II (UN), Bonde Lossan (UPAC, Nanga Eboko), Janvier Fotsing (Brest), Ate (Camtel, Yaounde), Tchokatcheu, Janvier Noulaye (UYI).
- Professionals :** Koye Naji Kooper (BEAC, Yaounde), Paulin Choudja (Guinness, Douala), Bernard Tchuenta (GUCE, Douala), Jasmine Kwekem (Orange, Paris), Armel Passo (Orange), Lafitte Nguemegne (UATM, Cotonou, Benin), Wangum, Robert Bikoa, Jerome Monteu NANA (SAP, Germany), Gabriel Fopa (ITGSTORE), Bell (ITS sarl), Mfondi Roger (MCA Conseil), Ernest Mbenkum (Sumbola Inc, Toronto), Prosper Pagou (Antic), Alain Ate (Camtel), Erick Georges Tankeou (Huawei), Armstrong Formena (Camtrack), Aline Djounewe (MTN), Mahonde Achille (Orange, RCA).

### Mathematical Modelling and Scientific modelling

- Full Professors:** Gabriel Nguetseng, Timoleon C. Kofane, Norbert Noutchequeme, Nicolas Andjiga, Awono Onana, Bertrand Tchanchou, Thomas Bouetou Bouetou, Claude Marie Ngabireng, Germain Ben-Bolie (UYI), Robert Nzengwa (UD), Berge Tsanou (UDs), Raïdandi Danwe (UM), François Tsobnang (ISMANS, France), Emmanuel Frenod (Univ. Bretagne Sud, France), Wilfrid Gangbo (Gatech, USA), Abdelghani Bellouquid (ENSA Marrakech, Maroc), Innocent Kamwa (Hydroquebec et Univ. Laval, Canada), Mamadou Sango (Univ. Pretoria, South Africa), M. Taki (Univ. Lille I, France), Tchofo Dinda (Univ. Bourgogne, France), K. Porsezian (Pondicherry, India), A. B. Mouboussi (Univ. Nasuku, Gabon), C. E. Noureddine (Univ. Moulay Ismail, Maroc), Alberto Rosso (CNRS, France), Samuel Bowong, Louis-Aimes Fono (UD), Pierre Ngnepieba (FAMU, USA), Roger B. Sidje (Univ. Alabama, USA), Mohamadou Alidou (UM), Jean Lubuma (Univ Pretoria).
- Assistant and Senior Lecturers:** Jules Djoko Kamdem (Univ. Pretoria, South Africa); Joseph Tadjuidje (Univ. Kaiserlenten, Germany); Judith Torimiro, Jean-Jules Tewa, Etienne Takou, Ibrahim Moukouop, Jacques Tagoudjeu (UYI); Jean Louis Woukeng (UDs), Seraphin Ngongo (Univ. Paris I, France), Joseph Mvogo Ngono, Jean Chills Amba, Moussa Fali (UD), Nkem Nkhumbah (UMICH, USA), Leila Bagny (CIRAD et IRAD), Yves Dumont (AMAP, Montpellier)
- Professionals:** Ebenezer Kunatse (Continental Regensburg, Germany), Hubert Tchatat (ARMP), Elangui (DMPI), Josué Tegang (IRAD), Dieudonné Ekouta (PI Engineering), Samuel Njoh Nseke (General des Travaux), Mariette Bissene (Technipôle, ENSP).

### Mechatronics

- Full Professors:** Emmanuel Simeu (UJF, Grenoble), Pierre Ele, Alain Tiedeu (UYI), Jean Mbihi (UD), Blaise Nsom Eyenga(UBO, France), Hilaire Fotsing (UDS), Lucien Meva'a (UYI), René Wamkeue (UQAT Canada), Yves Perriard (EPFL, Lausanne), Henry Happy (IEMN, France), Martin Kom (UYI), Alexis Kuitche (UN), Innocent Kamwa (Hydro-Québec, Canada).
- Assistant and Senior Lecturers:** Jean Kamdem, André Talla, Olivier Videme, Raïssa Onanena (UYI), Pierre Tsafack (UB), Djallo Haman, André Youmsi (UN), Moïse Djoko Kouam (ECAM, France), Timothée Kombe, Aurelien Yeremou (UD), Blaise Mtopi (UDS).
- Professionals** Mbinkar (UYI), Germain-Blaise Ndzie (UD), Kayibanda (UYI), Martial Adiang (Transports JAVOUREZ, Douala), Denis Akam (CAMTEL), Pierre Topi (Mégatec, Yaoundé), Léon Roland Elongue Akame (National Instruments), Kenfack Wamba (Camtel).

## FIELDS OF STUDY

### PROGRAMMES OFFERED

- Computer Engineering and Telecommunications with three areas:
  - Software Engineering
  - Management of Information Systems
  - Networks and Telecommunications.
- Mathematical Modelling and Scientific Computing with four areas:
  - Industrial Mathematics
  - Mathematical Modelling and Information Transport
  - Mathematical Biology
  - Mathematical Modelling for Economics and Finance
- Mechatronics, with one area:
  - Embedded Electronic Systems.

### ORGANISATION OF STUDIES

Masters is a four semesters program

- In each area the first semester is a common core syllabus.
- At the end of the second semester, there is a mandatory internship of 2 months
- Semester 3 is devoted to specialised courses
- Semester 4 is devoted to mandatory internships of 6 months
- Masters thesis public defence is mandatory

PhD is a 3 years program within a research team associated to CETIC.

### REGISTRATION FEES

School fees are set to 1 000 000 XAF annually, payable in two installments. **No student who satisfies the academic requirements for his/her admission will be excluded for financial reasons. To this effect, CETIC offers various solutions, including financial aid, loans and scholarships for students.**

## APPLICATION PROCEDURE

- Application form, to be either filled online or downloaded at: <http://www.cetic.cm/>
- A cover letter
- A research progress report (for PhD students)
- A copy of the birth certificate
- Transcripts of university studies
- A description (5 to 6 lines maximum per course) for courses mentioned in the transcripts.
- Certified copies of Baccalaureat/GCE A-level and university certificates /degrees (.PDF or .JPEG files)
- Three referee reports
- Recent ID photo
- A copy of national ID or passport

### Practical Information

- Deadline for submission of applications : 5 September 2014.
- Applications should be sent by email to [secretariat@cetic.cm](mailto:secretariat@cetic.cm)
- Contact: Tel: (237) 99 65 12 80 / 22 69 88 85  
Mme Marie-Noëlle Anaba
- Interview of shortlisted Candidates : 15 to 16 September 2014
- Publication of admission results : 19 September 2014
- Starting date: 27 October 2014



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