

Higher Education Faculty & Staff Training Program

FALL COURSE 2013 (September 16 – October 16)

The Center of Iraq Studies (CIS) organizes a number of programs according to the Agreement between the Iraqi Ministry of Higher Education & Scientific Research (MoHESR) and the University of Erlangen-Nuremberg which was signed in Erlangen on 18th November 2009. The Agreement stipulates training or research stay for Iraqi scientists at the University of Erlangen-Nuremberg which may range from one month up to one year and be funded by the MoHESR.



Prof. Dr. Mohammed A. Atiya, Head of the Research & Development Directorate at the Iraqi Ministry of Higher Education and Scientific Research (MoHESR) and Prof. Dr. Karl-Dieter Gröske, President of the University of Erlangen-Nuremberg, by signing a Memorandum of Understanding on scientific cooperation in Erlangen on 18th November, 2009.

The Higher Education Faculty & Staff Training Program is one of these programs and is designed to support faculty members and administrators of Iraqi universities in improving their intercultural communication and presentation skills, in integrating modern technologies in their teaching and research practices, and in developing their managerial competencies. The program runs over four weeks and each course consists of different thematic modules according to the special needs of the attendants.

Program Schedule

First Week / September 16 - 22

September 16, Monday

All day **Arrival of the Trainees**
 Transfer to **Hotel Gasthof Rangau**
 Röttenbacher Strasse 9, 91056 Erlangen
 Phone: 00 49 9135 8086 – www.hotel-rangau.de

September 17, Tuesday

09:00 – 10:00 **Opening session of the Fall Course 2013**
 Introduction into the Program
Prof. Dr. Dr. Şefik Alp Bahadır
 Venue: Conference Hall of the University Library, Erlangen, Universitätsstr. 4

10:00 – 10:15 **Welcome Address by the FAU-Vice President for International Affairs**
Prof. Dr. Christoph Korbmacher

10:45 – 12:00 **FAU as a leading German university (Presentation and discussion)**
Bettina Spiegel, M.A., Consultant to the Vice President
Presentation of the Center for Iraq Studies (CIS)
Prof. Dr. Dr. Şefik Alp Bahadır

13:00 – 14:00 **Guided Library Tour: Organization and Collections of the University Library**

19:00 **Welcome dinner**
 Venue: Forsthaus Dechsendorf, Naturbadstr. 99, 91056 Erlangen-Dechsendorf
<http://www.forsthaus-dechsendorf.de>

(Module 1: Key Competences in Interpersonal and Intercultural Communication)

September 18, Wednesday

10:00 – 12:00 **Presentation Skills**
 Dr. Andréa Vermeer, CIS
 Venue: Lange Gasse 20, 90403 Nürnberg, Room: 0.423

13:00 – 15:00 **Presentation Skills – continued**

Key Competences in Intercultural Communication

Prof. Dr. Dirk Holtbrügge, Sue Claire Berning, M.A., Dr. Ritam Garg
 Department of International Management
 School of Business & Economics, FAU
<http://www.im.wiso.uni-erlangen.de/>

Venue: Lange Gasse 20, 90403 Nürnberg, Room: 0.423

15:30 – 17:00 **Wellcome + Introduction** (Mr. Garg)

17:30 – 19:00 **Session 1** (Mr. Garg)

September 19, Thursday

09:30 – 13:00 **Key Competences in Intercultural Communication - continued**
Session 2 (Ms. Berning)

- 14:00 – 15:30 **Session 3** (Ms. Berning)
 16:00 – 17:30 **Presentations (I)** (Ms. Berning + Mr. Garg)

September 20, Friday

Key Competences in Intercultural Communication - continued

- 09:30 – 13:00 **Session 4** (Ms. Berning)
 14:00 – 15:00 **Session 4** (Ms. Berning)
 15:30 – 17:30 **Presentations (II) + Closing** (Ms. Berning + Mr. Garg)

Second Week / September 23 - 29

(Module 2: Modern Methods of Academic Teaching, Research and University Management)

September 23, Monday

- 10:00 – 13:00 **Modern Teaching Methods**
 - Activation techniques - teaching talk - group work (tasks, case studies)
 - moderation methods
Dr. Christiane Alberternst
 Continuing Training Center for Academic Teaching of the Universities
 Erlangen-Nuremberg, Bamberg and Bayreuth (www.fbzhl.de)
Venue: Lange Gasse 20, Room: 0.143
- 14:00 – 17:00 **Modern Teaching Methods – continued**

September 24, Tuesday

- 10:00 – 13:00 **Bavarian Virtual University (BVU) – An Institution of E-Learning**
Dipl.-Kult. Ingrid Martin, Project Manager BVU (<http://www.vhb.org>)
 (Lecture with discussion)
*Venue: Innovation in Learning Institute (ILI),
 Nägelsbacher Str. 25, 91052 Erlangen, Room 2206*
- 14:00 – 17:00 **New Approaches in University Teaching, Learning and Examination:
 Implementing eLearning and eExamination in the University**
Paul Held, M.A., Psychologist, Innovation in Learning Institute (ILI), FAU
<http://www.fim.uni-erlangen.de/index.php/en/>
Venue: Nägelsbacher Str. 25, 91052 Erlangen, Room 2206

September 25, Wednesday

- 10:00 – 13:00 **How to write a research proposal (Taught course + Tutorial)**
Prof. Dr. Stuart Jenks
 Dept. of History, Faculty of Philosophy and Social Sciences, FAU
- 14:00 – 17:00 **How to write a research proposal – continued**

September 26, Thursday

- 10:00 – 13:00 **How to write a research proposal – continued**
 14:00 – 17:00 **How to write a research proposal – continued**

September 27, Friday

- All day *Excursion to University of Bamberg, University Museum for Islamic Art,
 and Visit of the old town*

September 29, Sunday

11:00

2013 Nuremberg International Human Rights Award Ceremony

Welcome by Dr. Ulrich Maly, Lord Mayor of the City of Nuremberg

Words of Greeting by EU Special Representative for Human Rights

Words of Greeting by the Representative of UNESCO

Tribute to Prizewinner Ms. Kasha Jacqueline Nabagesera, Uganda

http://www.nuernberg.de/internet/menschenrechte_e/**Third Week / September 30 - October 06****(Module 3: Training and Instruction in the Special Disciplines of the Trainees)****ECONOMICS: "Applied Statistics and Econometrics" (Taught Course and Tutorial)****Instructors: Prof. Dr. Jürgen Kähler, Katrin Wölfel, M.Sc.**Institute of Economics, FAU (www.economics.phil.fau.de)

Venue: Bismarckstr. 1, 91054 Erlangen, Room: B 702

Content:

This course presents basic econometric methods used in regression modelling. It starts with an overview of descriptive and inferential statistics. The core model is the regression model in a bivariate and a multivariate setting. The course covers some typical problems of regression analysis and presents general remedies. Also, basic and more advanced concepts of time series analysis are presented. The course takes an applied approach. Participants will gain first-hand experience with econometric tools by applying economic data to the models. The free software GRETL will be used for empirical work in the tutorials.

The daily course schedule:

09:00 – 10:30	First lecture
11:00 – 12:00	Second lecture
14.00 – 15:30	Empirical Exercises
16.00 – 17.00	Presentation of solutions to exercises

September 30, Monday**1. Descriptive and inferential statistics (Ms. Wölfel)**

- Data (measurement levels of data, types of data sets)
- Descriptive statistics (averages, measures of dispersion, higher-order moments, measures of correlation)
- Basics of inferential statistics (principles of statistical inference, testing procedures, standard errors, p-values, confidence intervals)
- Introduction to the software GRETL

October 01, Tuesday**2. Bivariate and multiple regression models (Ms. Wölfel)**

- Bivariate regression model (basics, concept of ordinary least squares estimation (OLS), basic measures of goodness of fit)
- Multiple regression analysis (indicator variables, simple non-linear regressions, further measures of goodness of fit)

October 02, Wednesday**3. Regression Diagnostics (Prof. Kähler)**

- General results from asymptotic theory for OLS estimation (Gauss-Markov Theorem)

- Violation of assumptions and regression diagnostics (definition of problem, consequences, tests or indicators and remedies): autocorrelation, heteroskedasticity, and multicollinearity

October 03, Thursday

Public Holiday

October 04, Friday

4. Time-Series Analysis (Ms. Wölfel)

- Analysing different components of time-series (e.g. estimation of the trend component, seasonal adjustment)
- Stationarity and non-stationarity of time series (definitions, problem of spurious correlation, unit root tests)
- Cointegration and vector error correction models (VECM) (concepts, Granger Representation Theorem, testing for cointegration)

BUSINESS ADMINISTRATION: “Creativity & Design in Innovation Management”
(Taught Course and Tutorial)

Instructors: Prof. Dr. Alexander Brem, Maximilian Maier, M.Sc., Dipl.-Kfm. Gerd Schuster
Assistant Professorship for Idea and Innovation Management, FAU
www.ideeinnovation.de

Venue: Lange Gasse 20, 90403 Nürnberg, Room 4.154

September 30, Monday

10:00 – 11:00 **Innovation Management @ FAU, Prof. Dr. A. Brem, Maximilian Maier, Gerd Schuster**

11:00 – 13:00 **Fundamentals of Innovation Management, Maximilian Maier, M.Sc.**

14:00 – 17:00 **Innovation Strategy and Team Building Theory, Maximilian Maier, M.Sc.**
(Venue: Lange Gasse 20, 90403 Nürnberg, Room 4.154)

October 01, Tuesday

10:00 – 13:00 **Creative Problem Solving Techniques, Dipl.-Kfm. Gerd Schuster**

14:00 – 17:00 **Creative Problem Solving Techniques (cont.), Dipl.-Kfm. Gerd Schuster**
(Venue: Lange Gasse 20, 90403 Nürnberg, Room 4.154)

October 02, Wednesday

10:00 – 12:00 **Case Workshop, Dipl.-Kfm. Gerd Schuster**

12:00 – 13:00 **Breakout - University Life from an Iraqi Perspective, Dipl.-Ing. Aous Al-naimi**

14:00 – 17:00 **Design Process, Dipl.-Kfm. Gerd Schuster**
(Venue: Lange Gasse 20, 90403 Nürnberg, Room 4.154)

October 03, Thursday

Public Holiday

October 04, Friday

10:00 – 13:00 **Design Elements, Maximilian Maier, M.Sc.**

14:00 – 16:00 **Intellectual Property Rights, Maximilian Maier, M.Sc.**

16:00 – 17:00 **Q&A and Feedback, Prof. Dr. A. Brem, Maximilian Maier, Gerd Schuster**

ENGINEERING: Visits at selected Chairs of the Technical Faculty and external specialized institutions

September 30, Monday

10:00 – 12:00 **Department of Chemical and Biological Engineering**
Institute of Particle Technology
Prof. Dr.-Ing. Wolfgang Peukert, Prof. Robin N. Klupp Taylor, MEng, DPhil (Oxon)
(Presentation, Discussion, visit of laboratories)
www.mvt.uni-erlangen.de/index_en.shtml
www.cbi.uni-erlangen.de/index_en.shtml

Venue: Cauerstr. 4, 91058 Erlangen

14:30 – 16:00

**Department of Chemical and Biological Engineering
Institute of Engineering Thermodynamics**

Prof. Dr.-Ing. Dr. h.c. Alfred Leipertz, Prof. Dr.-Ing. Andreas Fröba
(Presentation, Discussion, visit of laboratories)

www.ltt.uni-erlangen.de/index_eng.html

www.cbi.uni-erlangen.de/index_en.shtml

Venue: Am Weichselgarten 8, 91058 Erlangen

October 01, Tuesday

10:00 – 12:00

Municipality of Erlangen

Division Environmental Protection and Energy Issues

Mr. Reiner Lennemann, Head

(Presentation and Discussion)

<http://www.erlangen.de/desktopdefault.aspx/tabid-1126/>

Venue: Schuhstraße 40, 91052 Erlangen

14:00 – 16:00

**Department of Chemical and Biological Engineering
Chair of Process Technology and Machinery**

Prof. Dr.-Ing. Eberhard Schlücker

(Presentation, Discussion, visit of laboratories)

www.ipat.uni-erlangen.de/index.shtml

www.cbi.uni-erlangen.de/index_en.shtml

Venue: Cauerstr. 4, 91058 Erlangen

October 02, Wednesday

09:00 – 12:00

**Department of Chemical and Biological Engineering
Institute of Chemical Reaction Engineering**

Prof. Dr. Peter Wasserscheid, Dr. Peter Schulz, Akad. Rat

(Presentation, Discussion, visit of laboratories)

http://www.crt.cbi.uni-erlangen.de/index_en.shtml

www.cbi.uni-erlangen.de/index_en.shtml

Venue: Egerlandstr. 3, 91058 Erlangen

14:00 – 16:00

**Department of Chemical and Biological Engineering
Institute of Fluid Mechanics (LSTM)**

Prof. Dr. Andreas Wierschem, Ali Khedher Al-Abadi, M. Sc.,

(Presentation, Discussion, visit of laboratories)

<http://www.lstm.uni-erlangen.org/>

www.cbi.uni-erlangen.de/index_en.shtml

Venue: Cauerstr. 4, 91058 Erlangen

October 03, Thursday

Public Holiday

October 04, Friday

10:00 – 12:00

**Department of Chemical and Biological Engineering
Chair of Energy Process Engineering**

Prof. Dr.-Ing. Jürgen Karl, Dipl.-Ing. Bernhard Gattermig

(Presentation, Discussion, visit of laboratories)

www.evt.cbi.uni-erlangen.org/index.shtml

www.cbi.uni-erlangen.de/index_en.shtml

Venue: Fürther Str. 244f, 90429 Nürnberg

Fourth Week / October 07 – 13

(Module 4: Excursions to Public Institutions for Advanced Instruction and Practical Experience)

For Members of Colleges of Economics & Business Administration:

October 07, Monday

11:00 **Train Transfer to Berlin**, Venue: Main Station Erlangen
Hotel check-in: Motel One Berlin Bellevue, Paulstr. 21, 10557 Berlin
 Phone: 030 39063340 - www.motel-one.com

October 08, Tuesday

14:00 – 15:30 **Visit to the Arab-German Chamber of Commerce and Industry (Ghorfa)**
 Presentation: Present Situation and Future Perspectives of the German Iraqi
 Economic Relations (<http://www.ghorfa.de>)
 Venue: Garnisonkirchplatz 1, 10178 Berlin

October 09, Wednesday

10:00 **Visit to the ZMO** – “the only German research institute devoted to an
 interdisciplinary and comparative study of the Middle East, Africa, Central Asia,
 South and Southeast Asia from a historical perspective”
 (http://www.zmo.de/index_e.html)
 Venue: Kirchweg 33, 14129 Berlin

For Members of Colleges of Engineering:

October 07, Monday

08:00 **Train Transfer to the city of Freiberg (Sachsen), Hotel check-in**

14:00 – 15:00 **Reception by Mechanical Engineering Germany - Iraq (MEGI) 2009 – 2014,**
Technical University Bergakademie Freiberg
Dr.-Ing. Abdulkader Kadauw
www.tu-freiberg.de/index.html - tu-freiberg.de/fakult4/megi/

15:00 – 18:00 **Introductory Course to DASyLab - Data Acquisition System applied in Engineering**
 Technical University Bergakademie Freiberg
 Mechanical Engineering Germany - Iraq (MEGI) 2009 – 2014
Dr.-Ing. Abdulkader Kadauw

October 08, Tuesday

09:00 – 12:00 **Introductory Course to DASyLab - Data Acquisition System applied in Engineering**
continued

13:00 – 14:00 **Visit of different Instituts according to the field of specialization**
Technical University Bergakademie Freiberg

- a) **Institute of Drilling Technology and Fluid Mining**
 Prof. Dr. Jürgen Schmidt - <http://tu-freiberg.de/fakult3/tbt/>
- b) **Environmental Microbiology**
 Prof. Dr. Michael Schlömann
http://tu-freiberg.de/fakult2/bio/ag_mikrobio/index.html
- c) **Institute of Energy Process Engineering and Chemical Engineering**

Prof. Dr.-Ing. B. Meyer - <http://tu-freiberg.de/fakult4/iec/index.en.html>

14:00 – 15:15 **Institute for Machine Elements, Engineering Design and Manufacturing
Technical University Bergakademie Freiberg
Dr.-Ing. Abdulkader Kadauw**
(visit of laboratories)
www.tu-freiberg.de/index.html - <http://tu-freiberg.de/fakult4/imkf/index.en.html>

15:30 – 17:00 **Visit of 'Terra Mineralia' Collection of Minerals**
<http://www.terra-mineralia.de/english/startpage>

18:30 **Dinner** with MEGI Staff

October 09, Wednesday

09:00 **Train Transfer to Berlin**
Hotel check-in: Motel One Berlin Bellevue, Paulstr. 21, 10557 Berlin
Phone: 030 39063340 - www.motel-one.com

For all Trainees:

October 10, Thursday

10:15 **Guided tour of the Parliament of the Federal Republic of Germany**
(http://www.bundestag.de/htdocs_e/index.html)
Venue: Westportal, Scheidemannstraße

14:00 **Guided Tour of the Museum of Islamic Art in the Pergamon Museum**
Geschwister-Scholl-Str. 6, 10117 Berlin
<http://smb.museum/smb/sammlungen/details.php?lang=en&objID=12&p=9>

October 11, Friday

Morning (t.b.c.) **Visit of the Federal Ministry of Economy and Technology**
<http://www.bmwi.de/English/Navigation/root.html>

14:00 **Visit to the Association of German Chambers of Commerce and Industry (DIHK)**
IHK, AHK, and DIHK as a network of private sector institutions
(Presentation and discussion)
Ms. Rima Al-Tiwani, Head of the Division North Africa, Near & Middle East
<http://www.dihk.de/en>

October 12, Saturday

08:20 **Train transfer to Hamburg - Guided tour of the City of Hamburg - Harbor Cruise**
Venue: Berlin Main Train Station

19:00 **Train transfer to Berlin**
Venue: Hamburg Main Train Station

October 13, Sunday

10:00 **Bus transfer to Potsdam**
Venue: Motel One Bellevue
Visit of the Royal Prussian Castle Sanssouci, Potsdam
Guided Tour through Prussian History
<http://www.berlin.de/orte/museum/schloss-sanssouci/index.en.php>

19:00 **Bus transfer to Berlin**

Fifth Week / October 14 – 16

October 14, Monday

10:15 – 11:45

Visit of the Ministry of Foreign Affairs

Presentation and Q&A

Mr. Markus Potzel, Head of the Middle East Division (Iran, Iraq, Arabian Peninsula)

<http://www.almania.diplo.de/>

19:00

Farewell Dinner and Award of Certificates by

Prof. Dr. Fadhil A. Al-Ameri, Iraqi Cultural Attaché, Berlin

Venue: Restaurant Persepolis, Kurfürstenstr. 127, 10785 Berlin

October 15, Tuesday

11:51

Train Transfer to Erlangen

Venue: Berlin Main Station

October 16, Wednesday

All day

Transfer to Airport – Departure of the Trainees