



*HRK German Rectors' Conference
The Voice of the Universities*



**DIES-Information Visit:
Internationalisation of Higher Education Institutions
Germany, 2 - 6 December 2013**

“Internationalisation at Jordanian Universities”

*Prof. Hanan I. Malkawi
Yarmouk University
Irbid-Jordan*

Email: hananmalkawi@gmail.com & hanan@yu.edu.jo



Content



- **Definitions-Internationalisation, Globalization in Higher Education**
- Structures and instruments of internationalisation- Core components of Internationalisation
- Higher education in Jordan- Brief overview
- General conditions and tasks of Jordanian universities In the light of the background of globalisation & Internationalisation.
- **Yarmouk University - Brief Introduction**
- **Yarmouk Uuniversity:** Internationalisation strategy
 - International Relations Department
 - Agreements & MOUs
 - International Students at YU
 - International Employees & Visiting scholars at YU
 - Research Projects (with international partners)-FPMU
 - Joint programs with international institutions
 - Teaching Arabic as a second language for Non-Jordanians
 - Faculty website development & E-Learning (must)- Quality assurance & Ranking
- **E.g. Collaboration: Yarmouk University-German HE Institutions**



Internationalization & Globalization in HE

- **Internationalisation in HE:** “A process of integrating an international and cultural dimension into the teaching, research and service functions of the institution” (Jane Knight 2008)

- Refers to any relationship across borders between nations, or between single institutions situated within different national systems. *It includes the policies and practices undertaken by academic systems and institutions—and even individuals—to cope with the global academic environment.*

- **Globalization in HE:** Altbach et al(2009) define globalization as the reality shaped by an increasingly integrated world economy, new information and communications technology, the emergence of an international knowledge network, the role of the English language, and other forces beyond the control of academic institutions. **While Internationalisation** is defined as the variety of policies and programs that universities and governments implement to respond to globalization.”



Why Internationalization?



► Internationalisation leads to improvement:

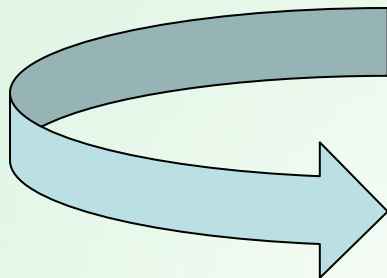
• Teaching and add important to learning outcomes to student experience

- Develop stronger research groups.
- Curriculum development
- Improvement of the quality, and international academic standards
- Enhance international profile & status of the universities (ranking)
- Institutional strengths through strategic partnerships
- Enlarge the academic community within which to benchmark their activities
- Intercultural understanding
- Diversify source of staff and students
- Regional issues and integration & awareness of the global issues and how educational systems operate across countries
- International student recruitment
- Income generation & benefit from trade in education services





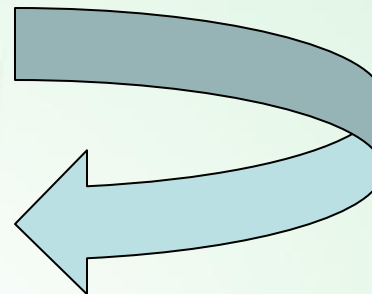
Internationalisation



At Home University



Activities assisting students & Staff to develop international understanding and intercultural skills- e.g. **curriculum related**



Abroad



Educational activities: crossing borders, mobility of students, academics, scholars, courses, curriculum, projects

Over the past 25 years, the international dimension of HE has become more important on the agenda of international organizations and national governments, universities, student organizations and accreditation agencies.



Structures and instruments of internationalisation-
Core components of internationalisation at Universities



Structures and instruments of internationalisation- Core components of internationalisation at Universities

Mission, Vision & Strategic Plans for Internationalisation :

- The institution's mission or planning documents should contain an implicit statement regarding internationalisation in higher education
- The accountability by students, faculty, deans, the management of HEs and national governments, as well as the quality assurance body)

Administrative and staff to implement plans of internationalisation activities (requires a commitment to implement plans & Monitor the progress & impact of internationalisation at all levels (Department, faculty, deans council, University council & board....)

International Aspects in Curriculum (The institution's commitment to internationalisation should be reflected in the curriculum)

- Proficiency & competency in a foreign language
- International programs and events on campus to integrate home & international students

•Programs & courses dealing with global issues & curriculum updating



Structures and instruments of internationalisation- Core components of internationalisation at Universities

- **Student and Staff mobility**

- Encourage mobility of home students both undergraduate and graduate, (Long & Short term mobility)
- Study abroad (Master & PhD), through scholarship or funded programs & projects
- Recruitment of & scholarships for international students for M.S & PhD degrees
- Support programs & units for international students on campus
- Facilitate Integration international and home students interaction
- Alumni associations.

- **Mobility of home & International Staff**

- * Long & short term mobility (Sabbatical Leave, other leaves)
- * Recruitment & appointing international staff employee



Structures and instruments of internationalisation- Core components of internationalisation at Universities

International networks for teaching and research

Through interactive networks and connections, leads to enhancement of the university's mission of providing outstanding educational opportunities on campus while extending its strengths abroad through learning partnerships with institutions in other countries

Policies and practices

- International experience for selection and promotion of academic staff
- Reward and recognition for international engagement
- Funding staff to travel overseas for conferences and research collaboration
- Use of technologies to encourage international aspects of courses- e.g. E-learning
- Management of International contracts and agreements



Structures and instruments of internationalisation- Core components of internationalisation at Universities

HE Academic & Research Collaboration

- Joint academic degrees and programs- e.g. joint or dual Ms and/or PhD. Or double degrees
- Degrees and programs offered outside the home country in collaboration with a host university
- Branch campuses
- Joint collaborative international research projects
- Establishment of joint research centres

Joint Degree : “issued by at least 2 HE institutions offering an integrated programme and recognized officially in the countries where the degree- awarding institutions are located”.

Double/Multiple Degree: “issued by 2 or more higher education institutions and recognized officially in the countries where the degree-awarding institutions are located.”

Joint Programme: A study programme developed and/or provided jointly by two or more HEIs, possibly also in cooperation with other institutions, leading to the award of a double, multiple or joint degree



The Hashemite Kingdom of Jordan: Higher Education



Area: **92,300 sq km (80% desert)**.

Population: **7.5 million**

Population growth rate: **2.36%**

Literacy: **94%** (male 96%, female 87%)

Unemployment rate: **12.9%**

Higher education:

- **30 Universities (10 public and 20 private)**
- **300,000 Enrolled students (60,000 are int.)**
- **10,000 Faculty members**
- **25,000 Administrative & Technical Staff.**

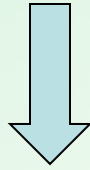
+

2 university colleges

51 community colleges



Policy reference structures in Higher Education in Jordan



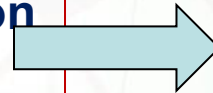
External (National Level)

- The Cabinet
- Council of Higher Education (CHE)
- Unified Admission Unit
- Higher Education Accreditation Commission
- Scholarships and Grants Commission
- Higher Council for Science and Technology
- Scientific Research Support Fund
- Jordanian Parliament Education Committee
- Private universities Boards of Directors
- Professional Bodies

The university *is an independent academic institution to* achieve the objectives of higher education and scientific research.

Internal (at University level)

- Boards of Trustees
- The University Council
- The Deans Council
- Faculty Council
- Department Council
- Center Council
- Deanships





Higher Education in Jordan Continue.....

National Higher Education Strategy

The National Strategy for Higher Education & Scientific Research:

Two documents available: one is the strategy itself, which can be accessed at:

<http://www.tempus.org.jo/HigherEducation/Higher%20education%20strategy%202007-2013.pdf>

The other document is the Action Plan for implementing the strategy, which can be accessed at:

<http://www.tempus.org.jo/HigherEducation/Higher%20education%20action%20plan%202007->

National Higher Education Strategy on Internationalisation:

There is No strategy on Internationalisation



Higher Education in Jordan Continue.....

Need for Internationalization strategy

A comprehensive internationalization strategy of HE institutions in Jordan is needed & should focus on key areas:

- 1. Promoting international mobility of students and staff***
- 2. Promoting internationalization at home and digital learning***
- 3. Strengthening strategic cooperation, partnerships and capacity building***
- 4. Promotion of Joint & dual study programs and degrees designed & delivered by partner institutions from different regions of the world.***
- 5. Promotion of delivery of programmes aboard, distance learning and establishing campuses overseas.***
- 6. Such Internationalization strategy needs to undergo Quality Assurance Review Process- needs needs to be monitored on an ongoing basis.***



General conditions and tasks of Jordanian universities In the light of the background of globalisation & Internationalisation

Jordan's HE system is in Favor toward the process of internationalization:

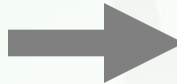
1. University of Jordan (The mother of Jordanian Universities), largest (44,000 students), oldest (established 1962), most diverse and comprehensive & has several joint programs, projects with many international HE institutions. (Our Gold Standard Univ. in Jordan)
2. The German-Jordanian University was established and operates through a joint management contract between Jordan & Germany.
3. Some Public Universities open branch campuses in other countries, (in the Gulf area, Malaysia.....etc)
4. Most Jordanian Universities send their students to study overseas for scholarship to earn graduate degrees (MS /& or PhD), and for long or short term studies.
5. Some universities offer a distance-learning programs such as Princess Sumaya University of Technology, Amman Open University.....
6. Some universities signed agreements with other universities abroad to offer joint graduate degrees such as Mut'ah University with the University of Huddersfield to offer a Master's degree program in Marketing & Yarmouk University with RCSS-Dublin offering Joint MS degree in Health Services Management
7. The Erasmus Mundus Programs encourages many Jordanian students to pursue 2-year Master's or 3-Yr PhD degree degrees in Europe and also long & short term visits for students & staff.
8. Several Jordanian universities recruit foreign staff to work at Jordanian universities



General conditions and tasks of Jordanian universities In the light of the background of globalisation & Internationalisation

9. Higher Education

Accreditation Commission (HEAC) was established in 2007 and granted administrative and financial autonomy in 2009: **Has a vital role in Promoting the process of internationalisation**



Roles;

- ★ Establishing benchmarks for quality assurance and accreditation and maintenance of quality in higher education institutions in Jordan
- ★ Encouraging Jordanian HEs to cooperate with international centers & accreditation and quality control commissions



General conditions and tasks of Jordanian universities In the light of the background of globalisation & Internationalisation

The Ministry HE and (HEAC) Stress that Jordan should be part of global education, not isolated from it.

- In 2011 – Ad Hoc Committee was formed for establishing the Ranking System for Jordan (National) HE institutions (————→) **Proposed criteria for ranking Universities (still working):**

- > Faculty
- > Research
- > Students
- > Infrastructures & Facilities
- > Finance
- > Academic Programs



Jordan has become an attractive place of HE in the region for students & Staff from several countries and a partner in many HE programs with International universities



General conditions and tasks of Jordanian universities In the light of the background of globalisation & Internationalisation

Jordanian (HEAC) and Ministry of HE emphasize controlled internationalization of HE:

Control of the obtained certificate of students studying abroad by controlling the provider.

For students receiving their certificates via distance education programs, there is a risk of dealing with a fake provider, Since the providers have no physical presence, it is difficult to control their licensing and the accreditation of their programs or even student registration.

Many of these providers could just be web-based companies (providers) who simply sell certificates.



General conditions and tasks of Jordanian universities In the light of the background of globalisation & Internationalisation

Initiatives & Success Stories

- 1- **Arab-Euro Joint events:** AECHE (1st Arab-euro Conference on HE in Barcelona: 30-31 May, 2013...255 participants.
2nd Conference will be held in Amman in June. 2014,
- 2- DIES: Dialouge on Innovative Higher Education Strategies
- 3- Quality and accreditation...Ranking of Universities (2 examples: Public Univ., **Jordan Univ. of Science & Technology (JUST)**. & Private Univ., **Princess Sumaya Univ. of Technology (PSUT)**)
- 4- “Center of Excellence for Jordanian Public University Libraries” (COE)-**Library consortium**

General conditions and tasks of Jordanian universities In the light of the background of globalisation & Internationalisation

Jordan University of Science and Technology-JUST Established: 1986, (Public)



- **Ranked amongst the top 3% of (top 50 universities) in the Islamic world**, according to the Statistical, Economic and Social Research and Training Center for Islamic Countries (SESRTCIC).

In 2011, (JUST) was placed at 600+ cluster according to the QS World University Ranking System.

Also in the international student criteria ranking, it comes in 155th place, while it ranked 362 out of 3,000 universities worldwide that specialise in engineering and technology

The college of Medicine and Surgery has been listed in the AVICENNA Directory for Medicine.



Lloyds granted Administrative Units at JUST ISO 9001 in 2012 (1st Univ. in Jordan to get this QA accreditation)

ISO 9001:2008



General conditions and tasks of Jordanian universities In the light of the background of globalisation & Internationalisation

Princes Sumaya University for Technology-PSUT

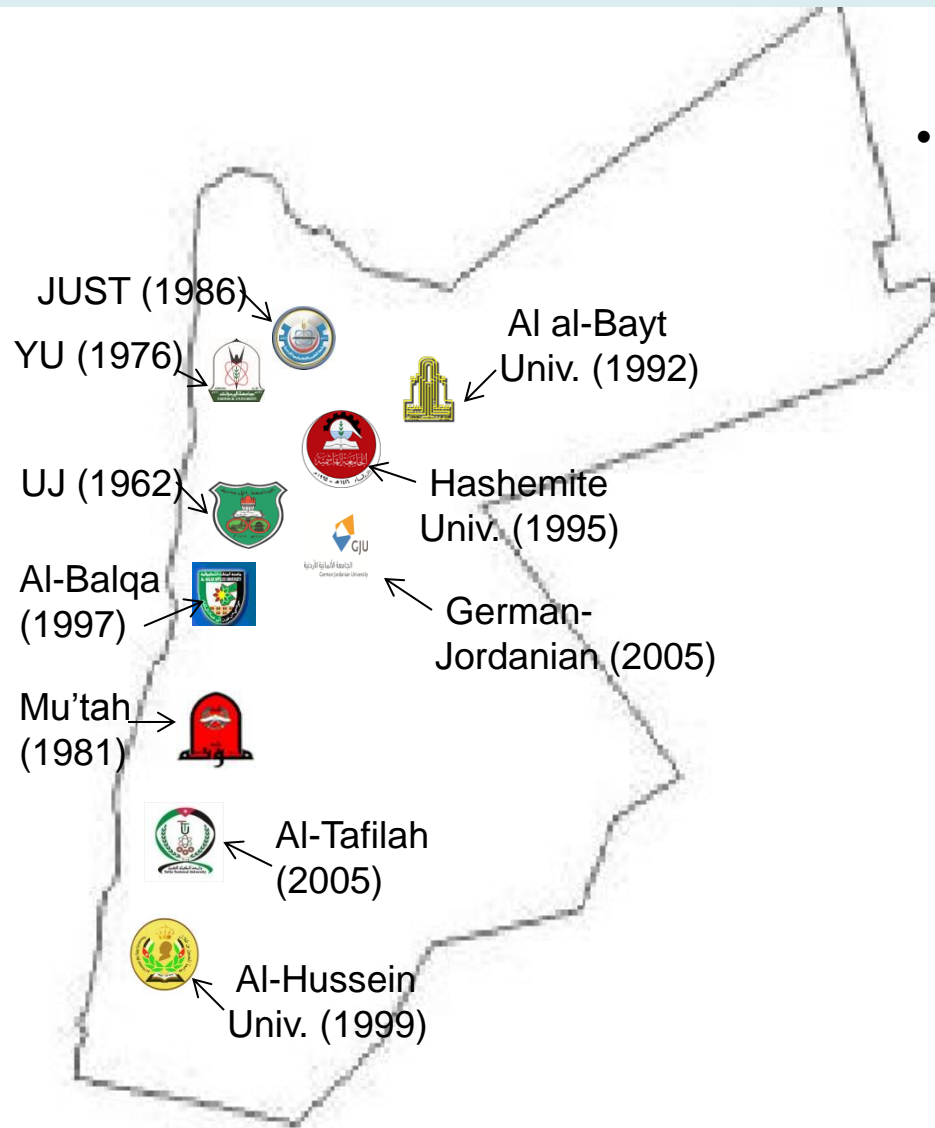


Founded in 1991 (Private University)

Four programs have received accreditation from **ABET** (Accreditation Board for Engineering and Technology) based in Baltimore, MD, USA.

The programs: 1. Communications Engineering, 2. Computer Engineering, 3. Electronics Engineering, and 4. Computer Science. PSUT was the only university in Jordan with ABET accredited programs in these specializations, which are now considered to be among the best programs in the world.

Center of Excellence for Jordanian Public University Libraries (COE- & Established 2004) & Role of Electronic subscriptions



- **Electronic subscriptions (International e-Journals, eBooks, encyclopedias and evidence-based knowledge systems) is a key factor for research & accreditation purposes & thus has indirect role in internationalisation.**

COE has a role in Reducing the cost of subscription to electronic materials:

For 2010 – 2011

Total (Individual Subscriptions) = \$ 7 M

Total Consortia Subscriptions = \$3.2 M

Total Savings = \$ 3.8 M

54 % of the individual cost

- **Providing quality services to faculty members and students.**

General conditions and tasks of Jordanian universities In the light of the background of globalisation & Internationalisation



Obstacles and challenges facing Jordanian Universities toward Internationalisation

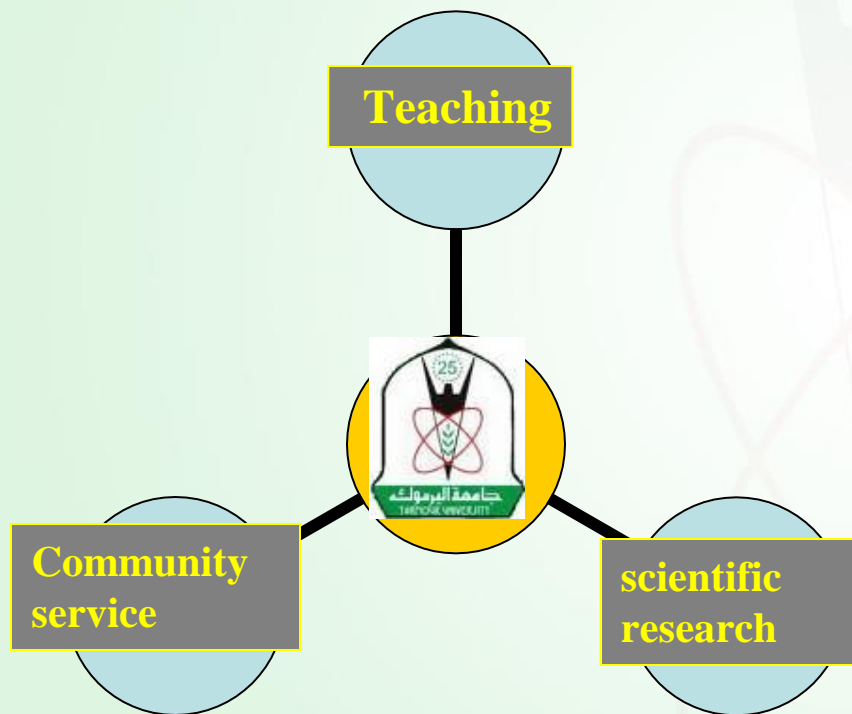
- Lack of funding seen by higher education is one of the most important internal and external barrier to internationalisation
- Lack of policy/strategy to facilitate the process
- Competing priorities
- Insufficiently trained or qualified staff to guide the process
- Administrative difficulties
- Issue of non-recognition of work done abroad (e.g. Accreditation of certificates obtained from abroad)
- Lack of opportunities
- Lack of understanding of what is involved
- Fear of Brain drain
- Loss of cultural identity.
- Worry of preservation and promotion of local languages (Arabeezi- عربي)



Yarmouk University (YU)

Brief Overview

Public, non-Profit HE organization
Founded in 1976 by a Royal Decree



Yarmouk University

- 15 Faculties.
- 2 Deanships
- 18 Research Centers
- 124 Research labs
- 9 Incubators.
- 41,600 students (62% females) (Including 5400 graduate students).
- 3800 non-Jordanian students (~ 48 nationalities).
- 992 Faculty members (25% females).
- 68 B.S (undergraduate) programs.
- 75 Master programs.
- 18 PhD programs



Yarmouk University



- 1. Faculty of Arts**
- 2. Faculty of Sciences**
- 3. Faculty of Education**
- 4. Faculty of Physical Education**
- 5. Faculty of Fine Arts**
- 6. Faculty of Economics and Administrative Sciences**
- 7. Hijjawi Faculty for Engineering Technology**
- 8. Faculty of Law**
- 9. Faculty of Shari's and Islamic Studies**
- 10. Faculty of Archeology and Anthropology**
- 11. Faculty of Information & Technology.**
- 12. Faculty of Mass Communication**
- 13. Faculty of Tourism & Hotels**
- 14. Faculty of Pharmacy & Technological Pharmacy (newly established 2013).**
- 15. Faculty of Medicine (newly established)2013**

Deanships

- . Deanship of Scientific Research and Graduate Studies**
- . Deanship of Student Affairs**



Centers of Excellence at YU



Yarmouk University

Centers & Units

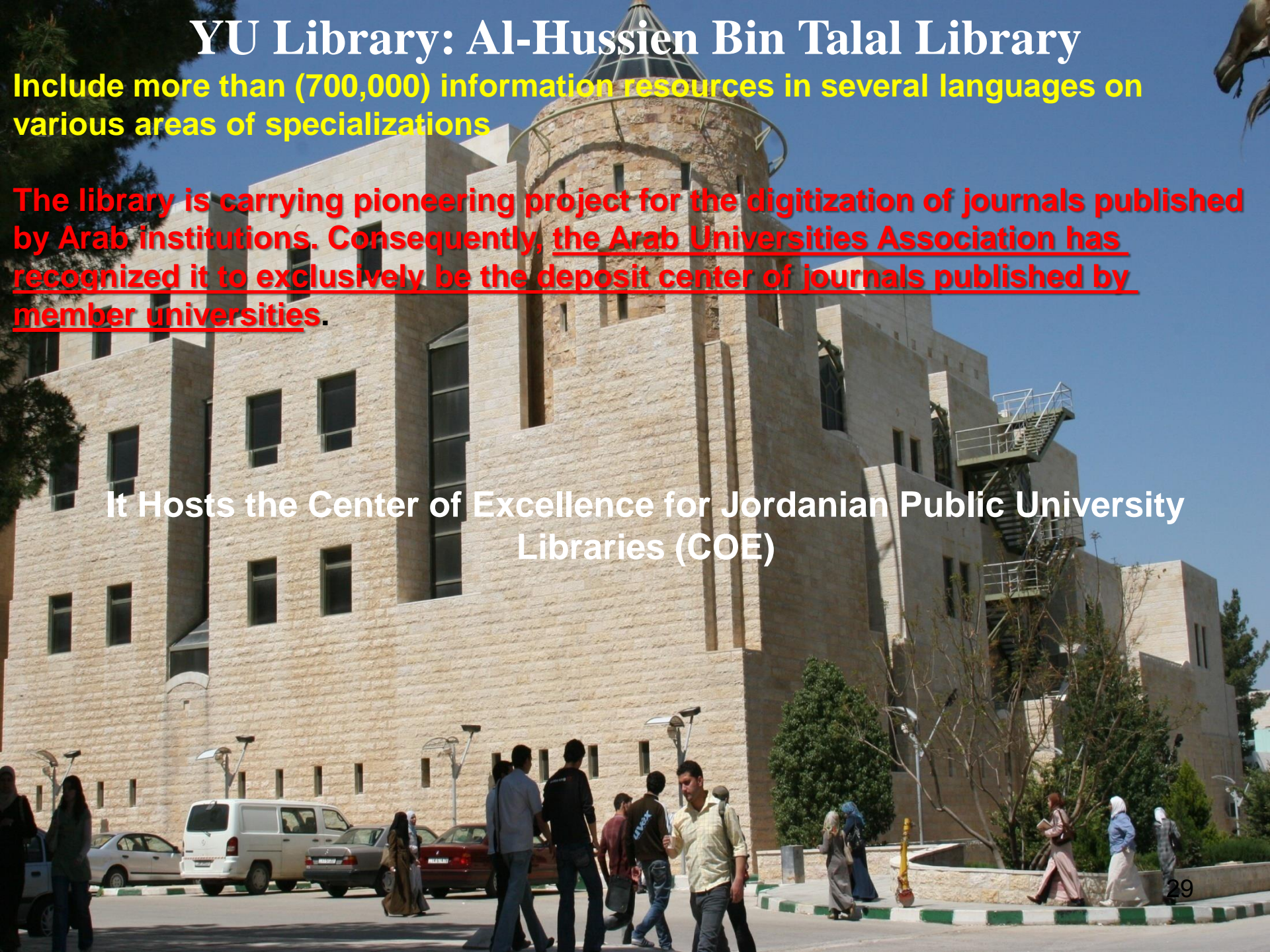
1. Computer & Information Center
2. Center of Theoretical & Applied Physics
3. Quality & Faculty Development Center
4. The Jordanian Design Center
5. Queen Rania Center for Jordanian Studies and Community Service
6. Language Center
7. Aqaba Marine Science Station at Aqaba (**Jointly with Univ. of Jordan**)
8. Refugees, Displaced Persons & Forced Migration Studies Center
9. Speech & Hearing Center
10. Natural History Museum
11. UNESCO Chair for Desert Studies & Combat Desertification
12. Academic Entrepreneurship Center of Excellence.
13. Center of Excellence for Library Services
14. Princess Basma Center for Jordanian Woman's Studies
15. Health Center
16. Mahmoud al-Ghoul for Arabian Peninsula and Inscriptions Studies
17. Samir Shamma for History of Numismatics and Islamic Civilization Studies.
18. Arar chair
19. Museums (Natural History | Numismatics | Jordanian Heritage)

YU Library: Al-Hussien Bin Talal Library

Include more than (700,000) information resources in several languages on various areas of specializations

The library is carrying pioneering project for the digitization of journals published by Arab institutions. Consequently, the Arab Universities Association has recognized it to exclusively be the deposit center of journals published by member universities.

It Hosts the Center of Excellence for Jordanian Public University Libraries (COE)





Yarmouk University Towards Internationalization

Internationalisation strategy

- **International Relations' Department**
- **Agreements & MOUs**
- **Recruitment & Scholarships for international students at YU**
- **International Employees, Researchers & Visiting scholars at YU & Foreign Sabbaticals and Doctoral/ Postdoctoral works abroad**
- **Research and academic Projects (with international partners)-FPMU**
- **Joint Events & programs with international institutions**
- **Teaching Arabic as a second language for Non-Jordanians (Language Center)**
- **Mobility of students/academic staff & Exchange Programs (e.g Erasmus Mundus)**
- **Quality assurance & ranking of university: e.g Faculty website development & E-Learning (is a must)**
- **Participation and memberships in international associations**

International Relations Department at YU



It is an important arm of the administration of YU, with the purpose of following-up on and managing the university's international operations, agreements and MoU's and exchange programs.

Major responsibilities include:

- Developing new global partnerships.
- Acting as liaison for the President on international initiatives.
- Pursuing the drafting and implementation of agreements and MoU's.
- Providing information on resources of international education.
- Establishing linkages with international institutions of higher education for exchange and collaboration.
- Facilitates teaching, scientific research, and general academic exchange by providing informational services.
- Oversees foreign visits to the YU; Inviting foreign experts to the university, receives foreign students, scholars, and visiting professors to the YU.
- Handling international conference requests, keeping contact information and relations with foreign universities, and attending to affairs identified by the University president.



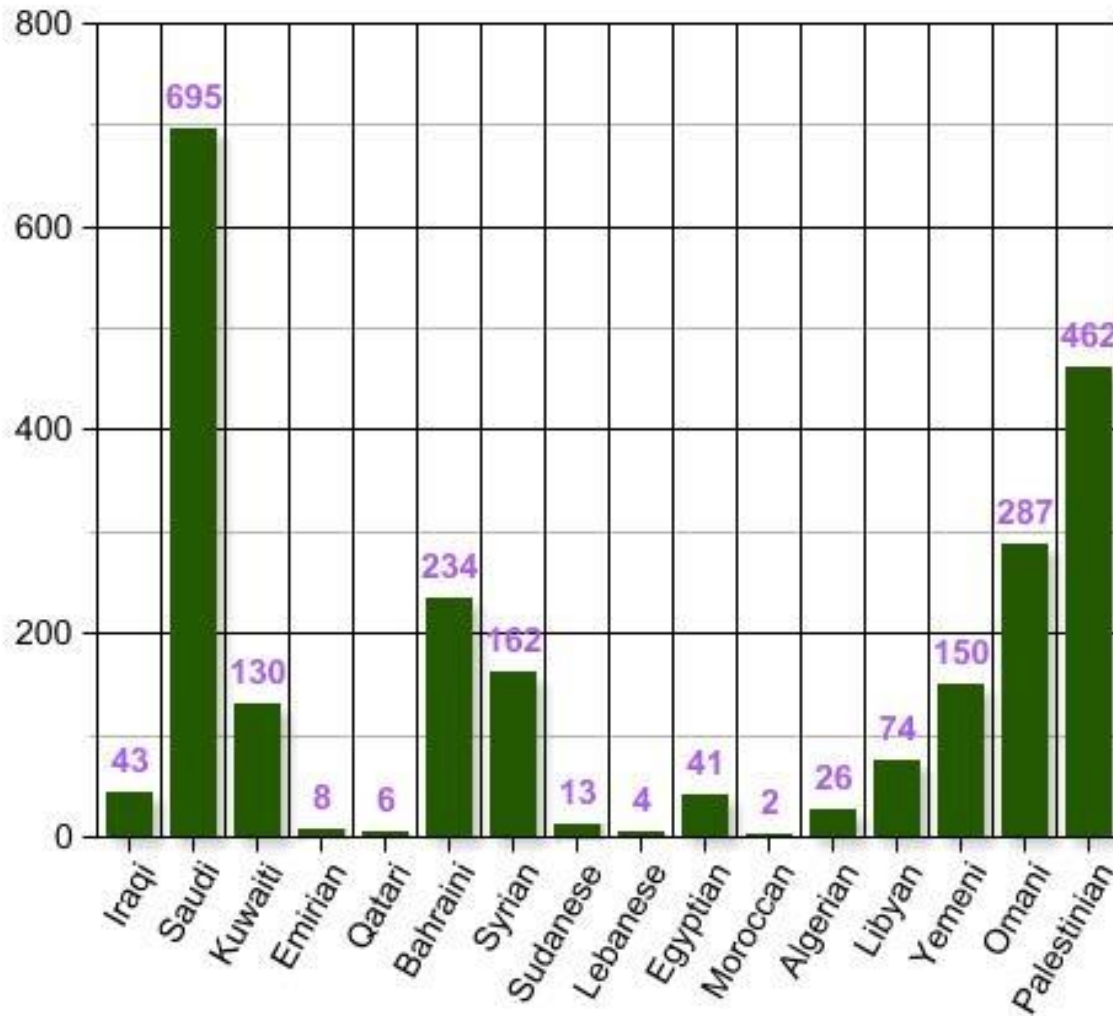
Agreements & MOUs at YU

Region	(No. of agreements by region and country)	#Agreements
Asia-Pacific	ASIA-PACIFIC Australia 1, Brunei 2, Indonesia 5, Kazakhstan 2, Malaysia 11, New Zealand 3, South Korea 1, Thailand 1, Uganda 1	28
Europe	EUROPE Austria 1, Belgium 1, Bosnia & Herzegovina 1, Denmark 1, France 8, Germany 8 , Ireland 2, Italy 2, Netherlands 1, Poland 1, Portugal 1, Russia 3, Serbia & Montenegro 1, Slovenia 1, Spain 3, Sweden 1, Turkey 6, Ukraine 1, U.K. 4	47
Middle East	Middle East (including Iran) Algeria 2, Bahrain 4, Egypt 7, Iran 1, Iraq 5, Lebanon 2, Morocco 2, Oman 3, Palestine 2, Saudi Arabia 3, Sudan 2, Syria 4, Tunisia 4, UAE 2, Yemen 4	47
North America	NORTH AMERICA Canada 2, USA 32 (including annexes to agreements which are not numbered separately)	34
Total # of agreements (excluding Jordan)		156



Non-Jordanian Students at YU

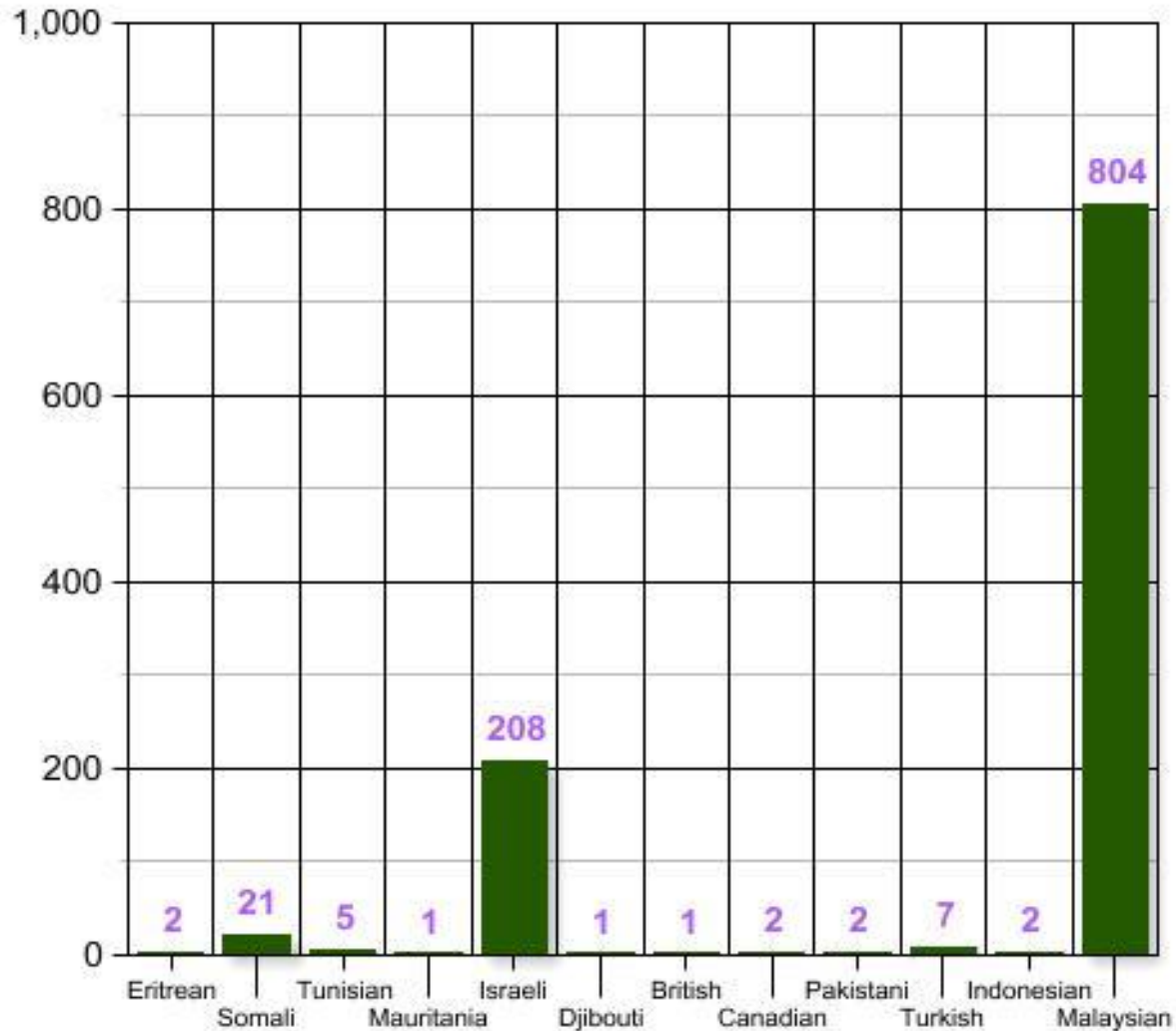
Foreign Students First Semester 2012-2013- YU





Non-Jordanian Students at YU

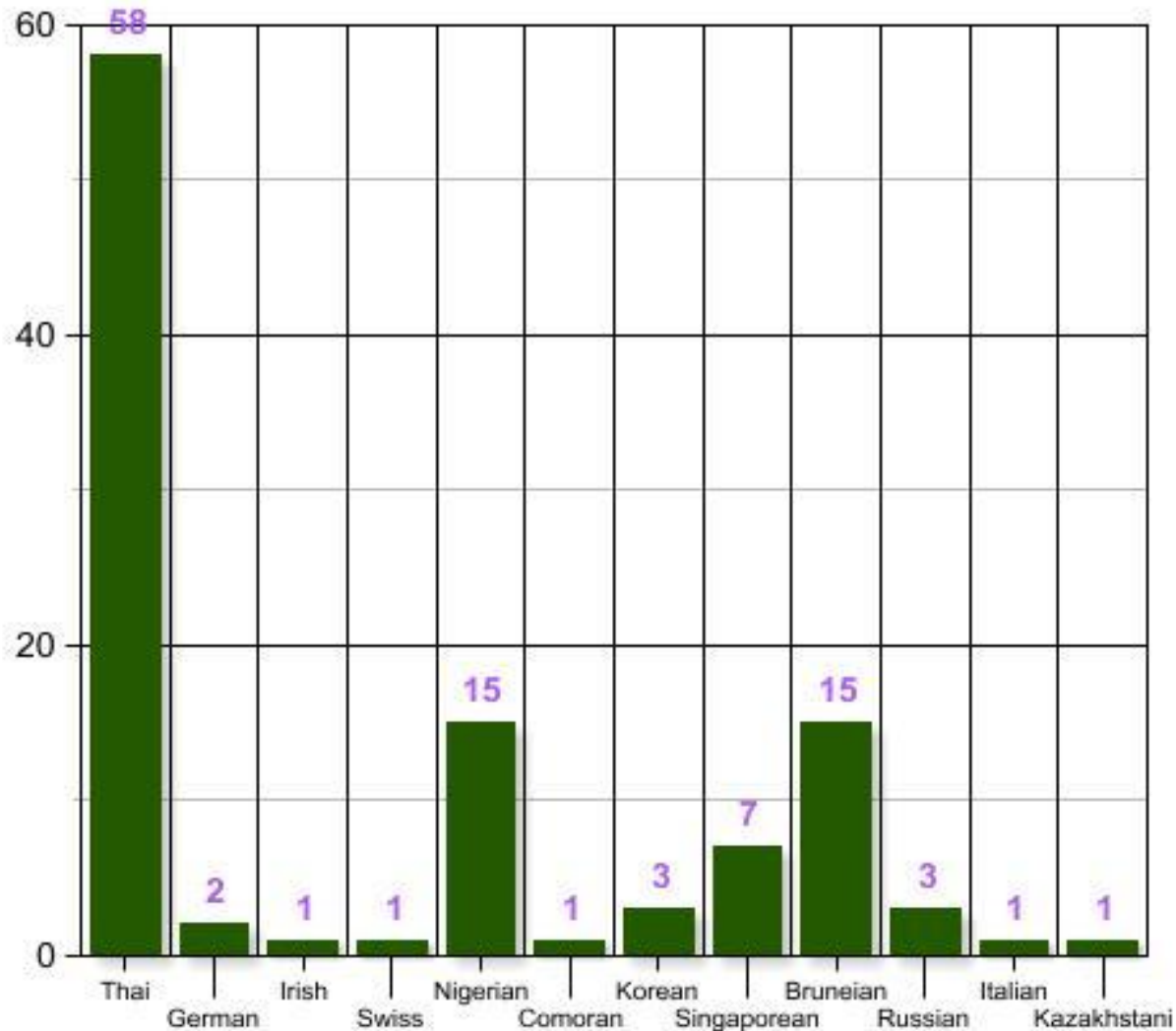
Foreign Students First Semester 2012-2013- YU

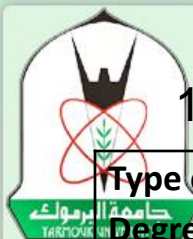




Non-Jordanian Students at YU

Foreign Students First Semester 2012-2013- YU





Non-Jordanian Students at YU

1st Semester 2013/2014 (According to Nationality, Type of degree, & Gender)

Type of Degree/	Bachelor		Diploma		MS		PhD		Total
Nationality	Female	Male	Female	Male	Female	Male	Female	Male	
Saudi Arabia	39	204	0	0	40	203	8	20	514
Iraq	8	19	0	0	6	11	1	1	46
Kuait	5	68	0	0	4	13	1	4	95
UAE	1	5	0	0	0	0	1	1	8
Qatar	3	2	0	0	0	0	0	0	5
Bahrain	54	126	0	1	1	7	0	0	189
Syria	74	190	0	0	6	9	1	1	281
Sudan	4	6	0	0	0	0	0	0	10
Lebanon	2	3	0	0	0	0	0	0	5
Egypt	25	11	0	0	0	0	0	1	137
Morocco	0	1	0	0	1	0	0	0	2
Algeria	0	1	0	0	4	12	0	1	18
Libya	3	13	0	0	19	5	1	5	46
Yemen	14	138	0	0	7	8	0	3	170
Oman	127	76	3	6	1	13	2	5	233
Palestine	213	193	0	1	7	19	6	11	450
Eretria	0	2	0	0	0	0	0	0	2
Somali	6	16	0	0	0	0	0	0	22
Tunis	1	1	0	0	0	1	0	0	3



Non-Jordanian Students at YU

1st Semester 2013/2014 (According to Nationality, Type of degree, & Gender)

Mauritania	0	0	0	0	0	1	0	0	1
Israel	40	88	0	0	9	21	8	14	180
Juabiti	0	1	0	0	0	0	0	0	1
USA	0	1	0	0	0	0	0	0	1
Canada	0	2	0	0	0	0	0	0	2
Pakistan	2	1	0	0	0	0	0	0	3
Turkey	4	7	0	0	0	0	0	0	11
Indonesia	0	2	0	0	0	1	0	0	3
Senegal	0	2	0	0	0	0	0	0	2
Malaysia	447	399	0	0	3	7	3	3	862
Thailand	32	65	0	0	0	1	0	0	98
Germany	0	0	0	0	0	1	0	0	1
China	1	0	0	0	0	0	0	0	1
Spain	0	1	0	0	0	0	0	0	1
Swiss	0	0	0	0	1	0	0	0	1



Non-Jordanian Students at YU

1st Semester 2013/2014 (According to Nationality, Type of degree, & Gender)

Nigeria	0	1	0	0	0	0	0	0	1
Korea	0	2	0	0	0	0	0	0	2
Burkina Faso	0	0	0	0	0	1	0	0	1
Singapore	20	9	0	0	0	0	0	0	29
Brunei	7	3	0	0	5	2	0	0	17
Russia	0	5	0	0	0	0	0	0	5
Italy	0	0	0	0	1	0	0	0	1
Austria	1	0	0	0	0	0	0	0	1
Albania	0	0	0	0	0	0	0	0	1
Kazakhstan	0	1	0	0	0	0	0	0	1
Nigeria	4	11	0	0	0	0	0	0	15
Total	1137	1676	3	8	115	337	32	71	3379



Number and Nationality of non-Jordanian employees at Yarmouk University (2013)

<i>Faculty Employees No.</i>	<i>Nationality</i>	<i>Faculty</i>
10	Iraqi	Faculty of science Faculty of Hijjawi for Engineering Technology Faculty of Sharia and Islamic Studies Faculty of Law Faculty of Education Faculty of Fine Arts Faculty of Mass Communication
2	Lebanese	Faculty of Arts
22	Egyptian	Faculty of Sharia and Islamic Studies Faculty of Mass Communication Faculty of Archaeology and Anthropology Faculty of Arts Faculty of Fine Arts
2	Syrian	Faculty of Hijjawi for Engineering Technology
1	Kazakhstani	Faculty of Fine Arts
2	Turkey	Faculty of Arts
2	Malaysia	Faculty of Sharia and Islamic Studies
2	USA (Fullbright)	Faculty of Sciences, Faculty of Archaeology & Anthropology

Foreign Project Management Unit (established in 2008)

Has executive responsibility for University research projects funded from outside the Univ.

1. Project Development, 2. Assist in Funding Resources, 3. Managing Funded Projects at the financial & administrative & reporting levels, 4. Security and Ethics of Research, 5. Technology Transfer & Marketing the Scientific Research Products. 6. Education & Training, 7. Other duties

Total Current Projects: 40 funded by International agencies with several international partners from all over the world with about 7 million JD budget)

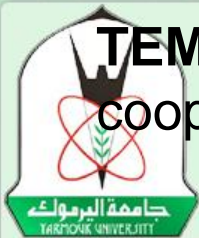
Main Funding International agencies:

- EU (FP7, Tempus, Erasmus Mundus, ENPI.....), - UNESCO,
- Through Special MOUs with EU Countries, - DFG, - DAAD,
- National Science Foundation, - USAID, - World Bank, - Qatar Foundation, - Others.

List of Project that are funded by International agencies (2012)

No	Title of Project	Principle Investigator / Faculty	Total Budget (Euro)	Funding Agency	Partners of Project
1	Mediterranean network for cataloguing and web fruition (Mencawar)	Hani Hayajneh/ Archeology & Anthropology	295,000.00	(EU - Tempus)	-YU University di Pisa, Italy -The British Museum, UK -Saint Joseph, Lebanon
2	Place names in the Bani kinana district of northern Jordan	Hani Hayajneh/ Archeology & Anthropology	26,595.00	Swedish Government	Stockholm University, Sweden
3	Innovative conservation approaches for monitoring & protecting ancient and historic metal collections from the Mediterranean basin (promet)	Ziad Al-Saad/ Archeology & Anthropology	440,441.15	(EU - Tempus)	-YU - Hussain Univ. ---Technoloical Educational Institution of Athens, Greece, Several institutions from Greece, Malta, Algeria, Czech, Egypt, France
4	investigation revival & optimization of traditional Mediterranean coloring technology for the conservation of the cultural heritage	Ziad Al-Saad/ Archeology & Anthropology	1,292,580.00	(EU – Tempus)	-YU - Aristotle University of Thessaloniki, Greece Several institutions from Austria, Morocco and Germany
5	Innovative Materials and Technologies for the Conservation of Paper pf Historical, Artistic and Archaeological Value (Papertech)	Ziad Al-Saad/ Archeology & Anthropology	1,300,000.00	(EU – Tempus)	-YU -Several institutions from Italy-Egypt-Spain-France, Potugal
6	Establishment of a masters degree in Archaeological Sciences	Ziad Al-Saad/ Archeology & Anthropology	497,498.00	(EU – Tempus)	-YU - Aristotle University of Thessaloniki, Greece Institute of Conservation and Restoration Studies, Germany
7	Conservation of ancient stone quarry landscapes in the eastern	Nizar Abu- Jaber/Faculty of Sciences	999,998.00	(EU – Tempus)	-YU -The Geological Survey of Norway, Katholieke Universiteit Leuven- Belgium, University College, London-UK, Middle East Technical University-Turkey, North South Consultant Exchange-Egypt -Egyptian Antiquities Information Syst-Egypt Universita IUAV di Venezia-Italy
8	ICT and media Convergence training	Mohammad Hamdan/ IT	211,252.00	(EU – Tempus)	-YU - Greece - Univ. Sunderland-UK
9	Unravelling and exploiting Mediterranean sea microbial diversity and ecology for Xenobiotics and pollutant clean up	Hanan Malkawi/ Faculty of Sciences	2,993,869	EU-FP7	-YU - University of Milan-Italy, (Coordinator), -University of Tunis El Manar-Tunis, Consiglio Nazionale Delle Ricerche-Italy, City for Scientific Research and Technology Applications-Egypt, University Hassan II-Ain Chock-Morocco, Bangor University-UK, Institute of Catalysis, Consejo Superior de Investigaciones Científicas-Spain, Technical, University of Crete-Greece, Ghent University- Belgium, EcoTech Systems L.t.d-Italy, University of Bologna-Italy
10	An Industry Oriented MSc .Program in Telecommunications Engineering Towards an EU Approach	Khaled Gharaibeh/ Hijjawi Faculty for Engineering Technology	1,200,000	(EU – Tempus)	Yarmouk University -Jordan, German Universities , Hashimite University, Dublin City University, Queen Mary University of London-UK, Universidad Politecnica de Valencia-Italy

11	Cultural and Archaeological heritage in the - ArcheoMED	Ziad Al-Saad/ Archeology&Anthropology	1,215.065,44	EU-ENPI CBCMED	Yarmouk University -Jordan,AL-Quds University, Aido ÓPTICA COLOR IMAGEN Instituto tecnológico SUDGEST Aid
12	Culture in the Mediterranean and Weaving on Common Threads	Ziad Al-Saad/ Archeology&Anthropology	449,280,00	EU-ENPI CBCMED	Yarmouk University -- Italy, Egypt, Greece
13	Genetic Diversity of human populations from : Alu polymorphisms and molecular variation of the genomic regions of NOS genes"	Dr.May Sadiq/ Faculty of Sciences	17,000	Agencia Española de Cooperacion Internacional para el Desarrollo-Spain	Yarmouk University -Jordan, Spain
14	Earthquake Risk Assessment for	Rasheed Jaradat / Faculty of Sciences	109,000	Earth quake Model of Middle East Region EMME	-YU Earth quake Model of Middle East Region EMME
15	Earthquake Risk Assessment for	Muheeb Awawdeh / Faculty of Sciences	40,000	Earth quake Model of Middle East Region EMME	-YU -Earth quake Model of Middle East Region EMME
16	Partnerships with Third Country Higher Education Institutions scholarships and Mobility Application for Lot 5 (Jordan & Syria). Avempace 1	Hanan Malkawi/ Faculty of Sciences	2.1 Million	EU- Erasmus Mundus. Action 2. AVEMPACE 1	-YU -other universities in Jordan & Syria, Technische Universität Berlin-Germany is the Coordinator, Several EU institutions in Austria, Belgium, France, Italy, Poland, Spain, Wales-Cardiff-UK.
17	Erasmus Mundus Action 2 - Partnerships. EACEA/41/10 - STRAND1 - Lot 5. <i>Jordan Syria Linking Europe and Erasmus Mundus-JOSYLEEM</i>	Hanan Malkawi & Abdullah Jarrah/ Faculty of Sciences	2.1 Million	EU- Erasmus Mundus. JOSYLEEM	-YU -other universities in Jordan & Syria, Lund University-Sweden is the Coordinator, Several institutions from EU: Spain, France, Italy, Czech Republic, Belgium, Poland, Austria



TEMPUS Projects : supports higher education, creates opportunities for cooperation among actors in the HE and enhances understanding.

Quality Assurance project (EQuAm)-Tempus: ongoing

YU is a partner (PI-Prof. Hanan Malkawi)

1. Title: “Enhancing Quality Assurance Management in Jordanian Universities”

Acronym: EQuAM

Type: Structural Measures in Governance Reform

Grant Holder: University of Barcelona (UB)

Budget: 900,873.66 Euros

Duration: 3 Years

Start Date: 15 October 2012 to 14 October 2015

Subject Area: Quality Assurance Strategies

Priority and Focus

Addresses 'Governance Reform' in the field of “Quality Assurance”, a national priority for Jordan. It will modernise and reform the management process of quality assurance procedures and measures at the institutional and national levels.

EQuAM will improve the management of quality assurance through enhancing the capacity of "Quality Assurance Bureaus" and by empowering them with references and guidelines in alignment to HEAC and EU practices. It will encourage teachers to share best-practices and allow EU partners to develop strong partnership with Jordan, and it will focus on capacity building of QABs in partner universities in Jordan to enable them manage the process of internal and national QA.

General Objective

The wider objective of the project is to improve management of quality assurance and enhance the capacity of quality assurance bureaus in universities in Jordan.



EQUAM: Consortium composition

Jordan

- ▶ 6 Universities (Yarmouk University is partner- Hanan Malkawi)
- ▶ Ministry of Higher Education and Scientific Research
- ▶ Higher Education Accreditation Commission (HEAC)
- ▶ Association of Arab Universities (AArU)

Europe

- ▶ Universities:
 - University of Barcelona (Coordinator);
 - Université Montpellier 1; Sapienza University
 - (Rome); Tallinn University
- ▶ Quality Assurance Agency:
 - Agencia Nacional de Evaluación de la Calidad y Acreditación
 - European Association Quality Assurance in Higher Education
 - L'Agència per a la Qualitat del Sistema Universitari de Catalu



2. TEMPUS

“An Industry Oriented MSc .Program in Telecommunications Engineering Towards an EU Approach” 2010-2013

Budget: 1,200,000 Euro

YU is a Grant Holder & Coordinator of this project (Status: still ongoing):

Partners:

- Yarmouk Univ.-Jordan (Grant holder & Coordinator- Dr. Khaled Ghariebeh, Hijawi Faculty of Eng. Tech)
- German-Jordan University,
- Hashimite University,
- Dublin City University,
- Queen Marry University of London-UK,
- Universidad Politecnica de Valencia-Italy



3. Tempus Project-MIMI

YU is a partner (PI-Prof. Hanan Malkawi)

Acronym: **MIMI:** Newly approved project for funding

Complete Title: “**Modernization of Institutional Management of Internationalization in South Neighboring Countries: Towards internationalization Management Model**”

Objectives

- An internationalization management model in partner institutions will be developed in order to provide appropriate knowledge and means to improve internationalization actions and activities that contribute to the sustainability of the international dimension of partner institutions in south neighboring countries.

HOW?

- Establishing governance procedures that enhance internationalization within the university hierarchy of partner institutions
- Building their capacity
- Empowering them with references and guidelines in alignment to EU practices
- Encouraging them to share best-practices and develop strong partnership with EU partners.



MIMI: Partners

- 1• Universitat de Barcelona, Spain
(Coordinator)
- 2• Princess Sumaya University for
Technology, Jordan
- 3• **Yarmouk University, Jordan**
- 4• Ministry of Higher Education and
Scientific Research, Jordan
- 5• Association of Arab Universities,
Jordan
- 6• Lebanese University, Lebanon
- 7• Modern University of Business and
Science, Lebanon
- 8• Ministry of Education and Higher
Education, Lebanon
- 9• Abdelmalek Essaâdi University,
Morocco
- 10• Ibn Tofail University, Morocco

- 11• Ministry of Higher Education,
Scientific Research, Morocco
- 12• Sapienza Universita' di Roma, Italy
- 13• Université de Montpellier 1, France
- 14• Warsaw University of Technology,
Poland
- 15• **CHE Consult GmbH, Germany**
- 16• Carinthia University of Applied
Sciences, Austria
- 17• European Association on
Internationalisation of HE, The
Netherlands
- 18• Agencia Nacional de Evaluación de
la Calidad y Acreditación, Spain
- 19• Campus France, France



YU is partner also in other 2 newly Tempus projects approved for funding from EU (*contact person from YU is Prof. Hanan Malkawi*):

4. Partner and Jordanian team leader of the project entitled “Tuning Middle East and North Africa, T-MEDA” EU. Tempus IV - 543948-TEMPUS-1-2013-1-ES-TEMPUS-JPCR. Partnership with the coordinator (University of Deusto-Spain). 2013-2015. **The project addresses Regional Priorities for the Joint Projects in Curricular Reform for the Southern Neighbouring Area**

Amount of fund: **1 207 333,20 euro.**

5. “Enhancing Quality of Technology-Enhanced Learning at Jordanian Universities” EU. Tempus IV. 544491-TEMPUS-1-2013-1-ES-TEMPUS-SMGR. Partnership with the Coordinator (Fundació per a la Universitat Oberta de Catalunya- Catalunya). 2013-2015. Amount of fund: **996 007,16**



YU and Erasmus Mundus (EU-funded): promotes cooperation between higher education institutions through encouraging partnerships, mobility and exchanges of students, researchers and academic staff.







YU is involved in several Erasmus Mundus programs:

1. “EU- Erasmus Mundus. Action 2. AVEMPACE 1. To support the establishment of cooperation partnerships between EU & Third country higher education institutions through mobility & scholarship scheme. Coordinator, Technische Universität Berlin-Germany. 2011-2012. Amount of fund: 2.1 Million Euro.
2. “EU- Erasmus Mundus. Action 2. JOSYLEEM. To support the establishment of cooperation partnerships between EU & Third country higher education institutions through mobility & scholarship scheme. Coordinator, Lund University-Sweden , 2011-2012 Amount of fund: 2.1 Million Euro.
3. “Erasmus Mundus II Action 2 Strand 1 Lot 2 AVEMPACE II: Partnerships with Third Country Higher Education Institutions and Scholarships for Mobility Jordan, Lebanon, Palestine and Syria. Coordinator, Technische Universität Berlin-Germany. 2012-2013 Amount of fund: 2.1 Million Euro.
4. “Erasmus Mundus II Action 2 Strand 1 Lot 2: “EPIC (EU Partnerships and International Cooperation with Jordan, Lebanon, Syria and Palestine)”. Coordinator, Cardiff Metropolitan University- UK. 2012-2013. Amount of fund: 2.1 Million Euro.
5. “Erasmus Mundus II Action 2 Strand 1 AVEMPACE III: Partnerships with Third Country Higher Education Institutions and Scholarships for Mobility Jordan, Lebanon, Palestine and Syria. Coordinator, Technische Universität Berlin-Germany. 2013-2014. Amount of fund: 2.2 Million Euro.

Example of Mobility Exchange through Erasmus Mundus

1- AVEMPACE II: (Erasmus Mundus) Scholarship Programme for Academic Exchange between EU countries and Jordan, Lebanon, Palestine and Syria. (**Coordinator: Technische Universität Berlin-Germany**)- Website: (www.avempace2.eu)



<i>Name of Student</i>	<i>University</i>	<i>Erasmus Mundus Programme</i>	<i>Study Area At YU</i>
Maria Raji	Sciences PO Paris/ France	 Avempace1	Arabic as a Foreign Language
Lucie Derniaux	Sciences PO Paris/ France	 Avempace1	Arabic as a Foreign Language
Meuti Flavia	Sapienza University of Rome/Italy	 Avempace1	History/Faculty of Arts
Jeschke Bjorn	Technische Universität Berlin/Germany	 Avempace1	Department of Mathematics/ Faculty of Sciences
Johannes Fordal	Germany	 Avempace1	Middle East Studies
Julia Fallon	England (CMU)	 Avempace 1	Management Science

AVEMPACE 1- YU outgoing Applicants				
Name	Study Field	Host Country (institution)	Degree Type	Period
Mohammed Da'san	Computer engineering	Belgium(BRU)	Master (Exchange)	10 months
Saleem Mohammad	IT	Italy (SAP)	Master Degree	20 months
Aldeen Alawad Noor	IT	Italy (SAP)	PhD degree	34 months
Izzat Alsmadi	IT	Germany (BRS)	PostDoc	6 months
Mohammad Al Zamil	IT	Belgium (BRU)	Staff	1 month

Incoming Staff & students from EU to YU on EPIC Erasmus Mundus Project

Full Name	Gender	Home Institution	Nationality	Program title	Mobility Duration	Host University
Ana Peláez Santos	Female	University of Salamanca	Spain	Certificate in Arabic for non arabic speakers	10	Yarmouk
Lina Hendawi	Female	Other	Germany	M.Sc. In Translation	10	Yarmouk
Luis Melián Rodríguez	Male	University of Salamanca	Spain	Ph.D. in Islamic History and Civilization.	10	Yarmouk
Manuel Camacho Torralbo	Male	University of Salamanca	Spain	Certificate in Arabic for non arabic speakers	10	Yarmouk
Urko Fabricio	Male	University of Salamanca	Spain	Bachelor in Arabic Language and Literature	10	Yarmouk
Marta Sobczak	Female	Adam Mickiewicz University	Poland	M.Sc. In Language & Grammar	10	Yarmouk
Laura Gago Gómez	Female	University of Salamanca	Spain	Certificate in Arabic for non arabic speakers	10	Yarmouk
Przemyslaw Rutkowski	Male	Adam Mickiewicz University	Poland	M.Sc. In Language & Grammar	10	Yarmouk University

Total No. of incoming EU Staff & students to YU through all Erasmus Mundus mobility projects are: 56

Total No. of outgoing YU Staff & students to EU countries through all the Erasmus Mundus mobility projects are: 62



YU & Involvement in Collaborative FP7-EU Research projects

Project Title: “Unravelling and expLoiting Medlterranean Sea microbial diversity and ecology for XEnobiotics’ and pollutants’ clean up (ULIXES)“
Approaches towards bioremediation of the Mediterranean Sea by exploring its microbial diversity – SICA (Mediterranean Partner Countries). EU. FP7-KBBE-2010-4. Proposal # 266473.

Amount: Euro 2,993,869.

Project duration: 2011-2014.

(YU Contact person & PI in this project: Prof. Hanan Malkawi)

Partners: 5 EU countries & 4 Southern Med. Arab countries



YU Joint Programs & courses with International Higher Education Institutions

Master degree in French Language (offered jointly with Nanet Univ. in France)

Joint Programs



**Delmon
University**
Bahrain



**Oman
College of
Management &
Technology**
Oman



**Royal College
Of
Surgeons**
Dublin/Ireland



**Lund
University**
Sweden



**University
Of
Sunderland**
UK



Arabic as a Foreign Language Program (AFL) (Language Center)

Importance of the Arabic Language:

The United Nations recognizes **Arabic as one of the most wide-spread languages in the world**. It is the mother tongue for more than 300 million Arabs living in 22 states. Arabic is also the language of the Holy Quran, the for more than one billion Muslims of various languages and origins in countries across the glob

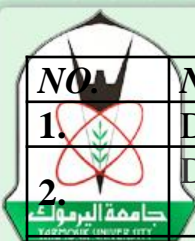
In light of this importance, and due to the **growing international political and economic interest** in the Middle East, the Language Center at Yarmouk University offers a variety of courses in Arabic for non-native speakers. Courses cater to all language levels, from beginners to advanced.



Yarmouk University Collaboration with Germany



Faculty Staff Graduated from German Institutions



NO	Name of Faculty	Univerrcity in Germany	Faculty@YU
1.	Dr. Zaidan Kafafi	Free University of Berlin	Archaeology & Anthropology
2.	Dr. Hani Hayajneh	Free University of Berlin	Archaeology & Anthropology
3.	Dr. Mustafa Al- Naddaf	Free University of Berlin	Archaeology & Anthropology
4.	Dr. Wasif Al-Sakhaineh	University of Duisburg-Essen	Archaeology & Anthropology
5.	Dr. Khaled Al- Dabbas	University of Münster	Arts
6	Dr. Mohamed Al-Qurra	Free University of Berlin	Arts
7	Dr. Mahmoud Al-Amrat	Free University of Berlin	Arts
8	Dr. Mohammad Al-Salous	Free University of Berlin	Journalism & Mass communication
9	Dr. Hazem Al-Nahar	Ruhr-Universität Bochum	Physical Education
10	Dr. Qassim Al Zoubi	Technische Universität Berlin	Hijjawi & Eng. Tech
11	Dr. Khalid Al-Qaoud	Hamburg University	Sciences-Dep. of Biological Sciences
12	Dr. Mohammed Al-Shboul	Technische Universität Berlin	Sciences-Dep. of Physics
13	Dr. Fatima Al-Smadi	Free University of Berlin	Sciences-Dep. of Chemistry
15	Dr. Ayman Hamouda	Free University of Berlin	Sciences-Dep. of Chemistry
16	Dr. Mohammed Atallah	Technical University of Munich	Sciences- Dep. of Earth & Environmental Sciences



Faculty Staff Graduated from German Institutions

16	DR. Rafie Shunaq	University of Hamburg	Sciences- Dep. of Earth & Environmental
17	Dr. Mowafaq Al-Saggar	Free University of Berlin	Fine Arts
18	Dr. Mamoun Abu-Zaiton	University of passau	Law
19	Dr. Numan Jubran	Albert-Ludwigs-Universität Freibur	Arts- Dep. of Arabic Language
20	Dr. May Yousef	Ruhr-Universität Bochum	Arts- Dep. of Arabic Language
21	Dr. Ahmad Al-Shurman	Ruhr-Universität Bochum	Archaeology & Anthropology
22	Dr. Mahmoud Al-Tamimi	University of Münster	Sciences- Dep. of Earth & Environmental
23	Dr. Lamia El-Khoury	Univ. of Mannheim	Archaeology & Anthropology
24	Dr. Ahmed Al-Taani	M.Sc from Hamburg Univ. of Technology	Sciences Dep. of Earth & Env.
25	Dr. Abdelraheem Ahmad	Technical University Dortmund and Rathgen Research Institute in Berlin	Archaeology & Anthropology
26	Dr. Ahmed Maslat	University of Saarland	Sciences-Dep. of Biological Sciences
27	Dr. Mahmoud Al Talib	University of Konstanz	Sciences-Dep. of Chemistry
28	Dr. Ibrahim Jibril	University of Konstanz	Faculty of Sciences-Dept of Chemistry



Faculty Staff Graduated from German Institutions

(4.4%) of YU staff had graduated from HE German Institutions)

	Dr. Mohammad Qudah	University of Erlangen	Sciences-Dep of Chemistry
30	Dr. Ahmed Al-khateeb	Technische Universität Darmstadt	Sciences-Dep. of Physics
31	Dr. Sameh Gharaibeh	Kassel University	Sciences Dep. of Earth & Environmental Sciences
32	Dr. Khaled Banat	University of Heidelberg	Sciences/ Dep. of Earth & Environmental Sciences
33	Dr.Mousa Rababah	University of Duisburg- Essen	Arts-Dep. of Arabic language
34	Dr. Khalil Al-Sheikh	University of Bonn	Arts-Dep. of Arabic language
35	Dr. Mahmoud Darabdeh	Saarland University	Arts-Dep. of Arabic language
36	Dr. Ziad Al-Zoubi	University of Duisburg- Essen	Arts-Dep. of Arabic language
37	Dr. Abed-alhamid Al-Aktash	<u>University of Erlangen- Nuremberg</u>	Arts-Dep. of Arabic language
38	Dr. Salem Al-Hadrousy	University of Duisburg- Essen	Arts-Dep. of Arabic language
40	Dr. Nabeil Shamrokh	<u>University of Tübingen</u>	Physical Education



Staff & Researchers with Research fellowships Funded by German Agencies

<i>Name of Faculty Member</i>	<i>Faculty At YU</i>	<i>Funding Agency</i>	<i>Host Institution</i>	<i>Year of the fellowship</i>
Dr. Muheeb Awawdeh	Sciences	DFG	University of Achen	2012
Dr. Izzat Alsmadi	IT	Erasmus Mundus Avempace I	Bonn-Rhein-Sieg University	2012
Dr. Abdullah Ababneh	Hijjawi	DFG	Saarbrucken	2011
Rand Obaeidat	IT	DAAD	Munster University	2010
Dr. Abdel-Fatah Lahlooh	Sciences	DAAD	Technical University of Munich	2001
Dr. Fawwaz Al-Abed Al-Haq	Arts	DAAD	University of Bayrueth,Bvaria,de	1999
Dr.Ahmad Al-Taani	IT	DAAD	University of Kiel	1999

YU Faculty members & Researchers who collaborated & still with Germany Institutions



Name of staff or researcher	Institute in Germany	Faculty at YU
Lamia El-Khoury	obtained a one year scholarship from the "Alexander von Humboldt Foundation"	Faculty of Archaeology & Anthropology
Amjed Al-Fahoum	worked for 6 years with Heidelberg university to establish a Biomedical Center of Excellence. The project was funded by the EU under TEMPUS program	Faculty of Hijawi for Engineering Technology- Biomedical Systems & Informatics Engineering Dept.
Abdel-fatah Deeb Asaed lehlooh	exchange visit to Technical University of Munich through DAAD exchange visits program	Faculty of Sciences-Dept of Physics
Wassef Al Sekhaneh	Institute of Photonic Technology <i>Spectroscopy/Imaging doing research in the field of Nanotechnology</i>	Faculty of Archaeology & Anthropology
Muheeb M. Awawdeh	Project: Groundwater Vulnerability Assessment in the Area around Al-Ramtha Wastewater Treatment Plant, North Jordan. Funded by The Deutsche Forschungsgemeinschaft (German Research Foundation)-DFG	Faculty of Sciences Dept. of Earth & Environmental Sciences
Sultan Abu-Orabi Hasan Tashtoush	Alexander Von Humboldt Research Fellowship-Germany	Faculty of Sciences-Dept. Of Chemistry
Mahmoud Al Talib	Alexander Von Humboldt Research Fellowship-Germany	Faculty of Sciences-Dept. Of Chemistry
Ibrahim Jibril	Detscher Akademisher Austauschdienst (DAAD) to carry out research in the Department of Chemistry/Heidelberg-Germany,	Faculty of Sciences-Dept. Of Chemistry
Wisal Al Rabadi	Member of WSCA- World Swimming Coaches Association- Germany	Faculty of Physical Education
Mohammad Bataineh	DAAD Scholarship	Faculty of Hijawi & Eng.
Mohammad Al-Zoubi	DFG. University of Kassel	Faculty of Hijawi & Eng.
Abdallh Ababneh	DFG. Zarlant	Faculty of Hijawi & Eng.

YU Policy: Scholarships for Best Students (Graduate Studies)





Names of students with Scholarships from YU to Germany and are still in schools







N	Name	Faculty	Degree	Area of study	Name of the University
1	Taghreed Marwan Al-Jazzazi	Sciences	PhD	Inorganic Chemistry	Friedrich-Schiller University of Jena
2	Saad Ahmad Braithe' Al-Saad	Archaeology	PhD	Heritage Tourist Management	The Humboldt University of Berlin
3	Abdel Raheem Ali Saleh Ahmad	Archaeology	PhD	Maintenance of Cultural Heritage	Dortmund
4	Sahar Mohammad Khasawneh	Archaeology	PhD	History ways of Antiquities	Free University of Berlin

Mobility Exchange through Erasmus Mundus

1- e.g. AVEMPACE II: (Erasmus Mundus) Scholarship Programme for Academic Exchange between EU countries and Jordan, Lebanon, Palestine and Syria.

(Coordinator: Technische Universität Berlin-Germany)- Website: (www.avempace2.eu)



<i>Name of Student</i>	<i>University</i>	<i>Erasmus Mundus Programme</i>	<i>Study Area At YU</i>
Maria Raji	Sciences PO Paris/ France	 Avempace1	Arabic as a Foreign Language
Lucie Derniaux	Sciences PO Paris/ France	 Avempace1	Arabic as a Foreign Language
Meuti Flavia	Sapienza University of Rome/Italy	 Avempace1	History/Faculty of Arts
Jeschke Bjorn	Technische Universität Berlin/Germany	 Avempace1	Department of Mathematics/ Faculty of Sciences
Johannes Fordal	Germany	 Avempace1	Middle East Studies
Julia Fallon	England (CMU)	 Avempace 1	Management Science

AVEMPACE 1- YU outgoing Applicants				
Name	Study Field	Host Country (institution)	Degree Type	Period
Mohammed Da'san	Computer engineering	Belgium(BRU)	Master (Exchange)	10 months
Saleem Mohammad	IT	Italy (SAP)	Master Degree	20 months
Aldeen Alawad Noor	IT	Italy (SAP)	PhD degree	34 months
Izzat Alsmadi	IT	Germany (BRS)	PostDoc	6 months
Mohammad Al Zamil	IT	Belgium (BRU)	Staff	1 month




Agreements & MOU with HE German Institutions



No.	Name of University/Institution	Type of Agreement	Areas of Collaboration	Date of Expiry	Duration Agreement
1	Technische Universität Berlin	MOU	Erasmus Mundus Partnership Action 2 (AVEMPACE)	2015	4 years
2	Friedrich-Alexander University of Erlangen – Nuremburg	MOU	-Student Exchange -Staff Exchange -joint conference -Research projects	2015	3 years
3	Springer Customer service Center GmbH	License Agreement Journals	Access to Journals	2012	re-new yearly
4	Friedrich Schiller University of Jena (FSUJ), Jena	MOU	Collaboration in all areas beginning with Science, Law, IT/CS, Economics, Business Administration, and the Social Sciences	Automatic renewal every year	Indefinite validity unless terminated
5	Brandenburg University of Technology, Cottbus	Agreement of Academic Cooperation*	Collaboration covering several areas	XXX	Automatic renewal

Agreements & MOU with HE German Institutions

No.	Name of University/Institution	Type of Agreement	Areas of Collaboration	Date of Expiry	Duration Agreement
6	 (DAAD) German Academic Exchange Service	Agreement With DAAD	Exchange visits by three 'highly qualified' scientists on both sides to each other's countries, for 'concrete research projects' that are 'precisely defined in advance'.	XXX	5 year-s automatically renewed
7	Hochschule	Cooperation Agreement	Promotion of cultural relations, exchange of academic staff, students, teaching and information materials and research	XXX	Validity not mentioned.
8	Rupert Karls University, Heidelberg, Germany and Palaeontology with Dep.t of Earth and Environmental Sciences and the Dep. of Physics	Proposal for Cooperation	Collaboration of research and teaching, exchange of faculty members and researchers, exchange of students, exchange of information	XXX	Validity not mentioned
9	University of Tübingen	Academic Agreement	Cooperation in academic, cultural, scientific, cultural and social areas. Exchange of faculty and researchers, students, library staff. Exchange of literature, publications. Joint seminars, graduate programs, etc.	XXX	Valid unless expressly terminated or modified by either party through a 3 month notice period.
10	Universität Dortmund	Cooperation Agreement	Cooperation with the Faculty of Archaeology and Anthropology, YU	XXX	5 years Valid until 2010



-





GEORG-AUGUST-UNIVERSITÄT GÖTTINGEN



Joint Graduate Programs With German HE Institution

- **Yarmouk University and Göttingen University are still in the process of establishing a partnership cooperation of a joint PhD program in Chemistry and Computer Science.**

Credit system VS ECTS ■

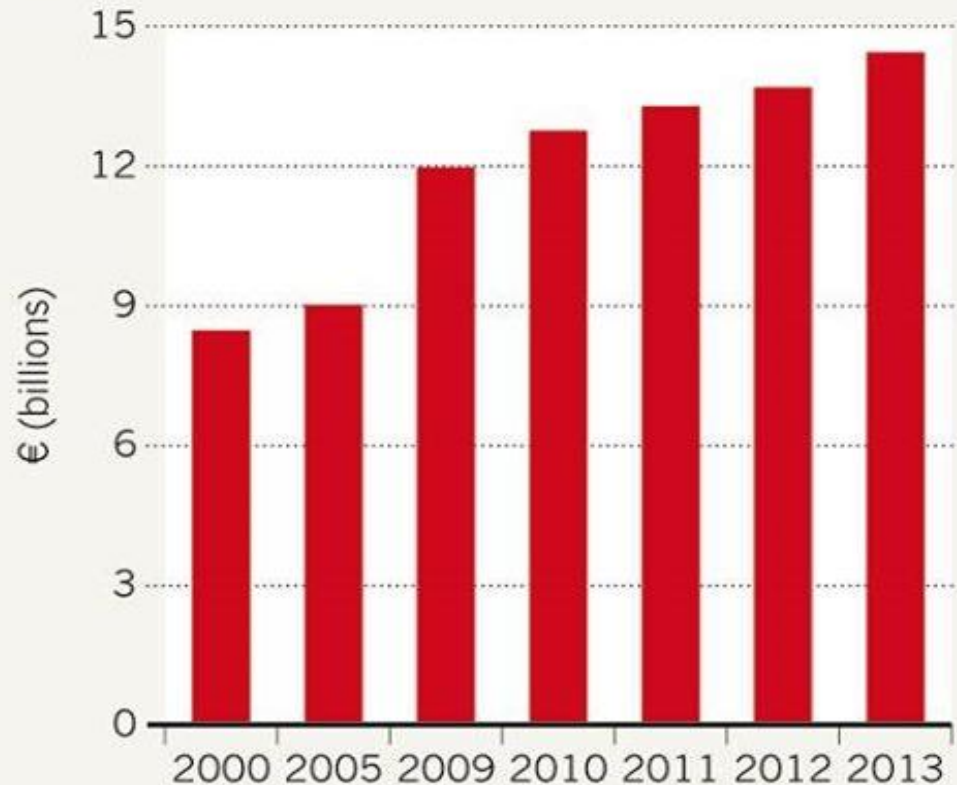




I Love the
German
Policy for
Nurturing
Scientific
Research

THE RISE OF GERMAN SCIENCE

Since 2000, German science spending has increased by about 70% and is now approaching 3% of GDP.



Since 2005, the federal government's overall science spending has increased— from €9 billion (US\$12 billion) up to around €14.4 billion in 2013.

Germany is now spending 3% of its gross domestic product (GDP) on science and technology, a key target of the (EU) 2020 strategy. (*Source: Quirin Schiermeier. 2013.*

Germany hits science high, Nature. 501: 289-290)

Thank you
www.yu.edu.jo

