DEPARTMENT OF EDUCATION

A. SUMMARY OF PROGRAMS

The number of majors averaged across the fall and spring semesters were as follows: BA (46), Teaching Diploma (26+), Prospective Graduates (4), and Graduates (56).

Enrollment in education courses for fall and spring semesters was 1057 for undergraduate courses, 121 for graduate courses, and 78 for the summer 2012 term. In addition, 54 students were registered for theses and projects during fall and spring. Total enrollment in graduate and undergraduate courses was 1178. The Department conducted 16 in-service workshops during Oct. 5 – Nov. 17, 2012. A total of 260 teachers participated in the workshops.

B. PERSONNEL

1. Faculty Members

   Full time Faculty

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Degree</th>
</tr>
</thead>
<tbody>
<tr>
<td>Al-Hroub, Anies</td>
<td>Associate Professor</td>
<td>Ph.D.</td>
</tr>
<tr>
<td>Amin, Tamer</td>
<td>Assistant Professor</td>
<td>Ph.D.</td>
</tr>
<tr>
<td>Bashshur, Munir</td>
<td>Professor</td>
<td>Ph.D.</td>
</tr>
<tr>
<td>Baytiyeh, Hoda</td>
<td>Assistant Professor</td>
<td>Ph.D.</td>
</tr>
<tr>
<td>BouJaoude, Saouma</td>
<td>Professor</td>
<td>Ed.D.</td>
</tr>
<tr>
<td>BouZeineddine, Amal</td>
<td>Lecturer</td>
<td>Ed.D.</td>
</tr>
<tr>
<td>El-Hassan, Karma</td>
<td>Associate Professor</td>
<td>Ph.D.</td>
</tr>
<tr>
<td>El-Mouhayar, Rabih</td>
<td>Assistant Professor</td>
<td>Ph.D.</td>
</tr>
<tr>
<td>Ghaith, Ghazi</td>
<td>Professor</td>
<td>Ph.D.</td>
</tr>
<tr>
<td>Jurdak, Murad</td>
<td>Professor</td>
<td>Ph.D.</td>
</tr>
<tr>
<td>Karami Akkari, Rima</td>
<td>Assistant Professor</td>
<td>Ed.D.</td>
</tr>
<tr>
<td>Khamis, Vivian</td>
<td>Associate Professor</td>
<td>Ph.D.</td>
</tr>
<tr>
<td>Khishfe, Rola</td>
<td>Assistant Professor</td>
<td></td>
</tr>
<tr>
<td>Vlaardingerbroek, Barend</td>
<td>Associate Professor</td>
<td>Ph.D.</td>
</tr>
</tbody>
</table>

   Part-Time Faculty

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Degree</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abou Moussa, Richard</td>
<td>Lecturer</td>
<td>Ph.D.</td>
</tr>
<tr>
<td>Awada, Ghada</td>
<td>Lecturer</td>
<td>Ph.D.</td>
</tr>
<tr>
<td>Al-Amin, Adnan</td>
<td>Lecturer</td>
<td>Ph.D.</td>
</tr>
<tr>
<td>Baasiri, Lutfieh</td>
<td>Instructor</td>
<td>B.A.</td>
</tr>
<tr>
<td>Bachour, Najla</td>
<td>Lecturer</td>
<td>Ph.D.</td>
</tr>
<tr>
<td>Bendak, Lama</td>
<td>Instructor</td>
<td>M.A.</td>
</tr>
<tr>
<td>Deeb, Reem</td>
<td>Lecturer</td>
<td>Ph.D.</td>
</tr>
<tr>
<td>Hout, Hanin</td>
<td>Lecturer</td>
<td>Ph.D.</td>
</tr>
<tr>
<td>Ghussayni, Raouf</td>
<td>Lecturer</td>
<td>Ph.D.</td>
</tr>
<tr>
<td>Istfan Dabbous, Samira</td>
<td>Lecturer</td>
<td>Ph.D.</td>
</tr>
<tr>
<td>Osman, Enja</td>
<td>Instructor</td>
<td>M.A.</td>
</tr>
</tbody>
</table>

   (Coordinator of
Practice Teaching:

Ramadan Jreidini, Najwa  Lecturer  Ph.D.
Shaaban, Therese  Instructor  Ph.D.
Shihab, Mahmud  Lecturer  Ph.D.
Shukri Balaa, Rola  Instructor  MA.
Zayyat Saadeh, Miryam  Instructor  MA.

2. Graduate Assistants

Fall Semester
Ibrahim, Hanin  Ghazal, Ihsan
Jammoul, Abeer  Dbaibo, Hadeel
Jumah, Manal  Attar, Wassim
Shehab, Noha

Spring Semester
Al-Sayegh, Hanin  Ghazal, Ihsan
Jammoul, Abeer  Dbaibo, Hadeel
Jumah, Manal  Attar, Wassim
Shehab, Noha  Moukarzel, Christine
Shaheen, Houra

3. Non-Academic Staff

Kashou’ Kabalan, Leila  Administrative Assistant
To’meh, Munir  Department Messenger

SMEC
El-Oud, Nahed  SMEC Secretary
Hilu, Hanna  SMEC Assistant Technician

C. Teaching

1. Number of Graduating Majors

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>BA</td>
<td>1</td>
<td></td>
<td>16</td>
</tr>
<tr>
<td>TD</td>
<td>5</td>
<td>3</td>
<td>20</td>
</tr>
<tr>
<td>MA</td>
<td>1</td>
<td>5</td>
<td>7</td>
</tr>
</tbody>
</table>

2. Number of Majors
### Student Enrollment in Courses

<table>
<thead>
<tr>
<th></th>
<th>Summer 2012</th>
<th>Fall 2012-2013</th>
<th>Spring 2012-2013</th>
</tr>
</thead>
<tbody>
<tr>
<td>Graduates</td>
<td>1</td>
<td>54</td>
<td>59</td>
</tr>
<tr>
<td>Prospective Graduates</td>
<td>-</td>
<td>4</td>
<td>4</td>
</tr>
<tr>
<td>Teaching Diploma</td>
<td>5</td>
<td>27</td>
<td>25</td>
</tr>
<tr>
<td>Seniors</td>
<td>5</td>
<td>14</td>
<td>20</td>
</tr>
<tr>
<td>Juniors</td>
<td>7</td>
<td>14</td>
<td>16</td>
</tr>
<tr>
<td>Sophomores</td>
<td>1</td>
<td>15</td>
<td>13</td>
</tr>
<tr>
<td>IE</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

* Many students are presently completing the Teaching Diploma along with the Bachelors degree. During the academic year 2012-2013, 17 students completing Bachelor’s degrees were enrolled in the science, English, and math methods and practicum courses, courses that are required for completing a Teaching Diploma.

### Number of Credit Hours Offered

<table>
<thead>
<tr>
<th></th>
<th>Summer 2012</th>
<th>1st Sem.</th>
<th>2nd Sem.</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Courses numbered 300 and above</td>
<td>-</td>
<td>54</td>
<td>67</td>
<td>121</td>
</tr>
<tr>
<td>Courses numbered 211 through 299</td>
<td>78</td>
<td>576</td>
<td>481</td>
<td>1135</td>
</tr>
<tr>
<td>Thesis and projects</td>
<td>1</td>
<td>26</td>
<td>28</td>
<td>55</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>79</td>
<td>656</td>
<td>576</td>
<td>1311</td>
</tr>
</tbody>
</table>

### D. RESEARCH

Anies Al-Hroub

Project 1

- **Total**: 453
Title: Metacognition and Problem Solving Strategies among Mathematically Gifted Students in the UK
PI: Anies Al-Hroub, Co-I: David Whitebread.
Funded by the British Academy, UK.

Project 2
Title: Strengths and Weaknesses of the Evaluation System of Education in Libya
PI: Karma El Hassan, Co-I: Anies Al-Hroub
Funded by UNESCO

Research Report

Conference Proceedings (Peer-reviewed)

Huda Baytiyeh
1. Online learning communities
2. Ubiquitous computing using Free Open Source Software
3. Engineering Education
4. Using technology in schools

Saouma BouJaoude
2. From research to practice: making a difference in the classroom: $1,000,000, 4-Year research grant from the Arab Thought Foundation (2010-2014) (with Dr. Murad Jurdak and Dr. Rima Karami)

Tamer Amin

3. I submitted a research grant proposal to the Qatar Foundation in collaboration with Iman Osta, LAU, Lebanon and Nader Qabani, Silatech, Qatar entitled: Issues of Language in the Teaching and Learning of Science and Mathematics in Qatar and Lebanon.

4. Presented research papers at the following conferences and research workshops:


7. **Amin, T. G.** (June 2013) “An Account of Concepts for Conceptual Change in Science Education”. ConChaMo 5, organized by the University of Helsinki, June 3-5, 2012.

**Karma El-Hassan**

1. Quality of Life of Arab Youth. Issam Faris Institute.

2. In collaboration with colleagues in International Test Commission (ITC) working on a research to investigate worldwide testing practices.

**Rabih El-Mouhayar**

**Papers**


2. **EL Mouhayar, R. (2012-2013).** Strategic Development in Pattern Generalization Tasks across Grade Level.

3. **El Mouhayar, R., & Jurdak, M. (under revision).** Development profile of student strategy use in pattern generalization tasks across grade level. Proceedings of the 7th International Conference on Science, Mathematics and Technology Education. Oman. Organized by Curtin University (Western Australia) and Sultan Qaboos University (Oman).

**Ongoing Research**

**El Mouhayar, R., & Jurdak, M. (2012-2014).** Comparing the relative impact of contextualized and de-Contextualized approaches to teaching pattern generalization on students’ nature and level of abductive- inductive reasoning.
This study is funded by a grant from the University Research Board at the American University of Beirut for two years: 2012-2013 and 2013-2014.

Ghazi Ghaith
Determinants of reading proficiency among college-bound learners of English as a second/foreign language

Murad Jurdak
1. Teachers’ knowledge of students’ thinking in pattern generalization (with Rabih El-Mouhayar).
2. Development of student reasoning in pattern generalization across grade levels (with Rabih El-Mouhayar).

Rima Karami Akkary
2. Karami-Akkary, R. & El-Saheli Elhage, R., & Sarieddine, D. (in progress). Developing the TAMAM’s Monitoring and Evaluation: An Experience of Evolving Design Planning. This technical report document the process followed to develop the TAMAM monitoring and evaluation model and present the final model as it emerged from the lived experience of the participants in the project.

Vivian Khamis
Ongoing Research
1. Vivian Khamis, Bullying among school age children in Lebanon: Risk and Protective Factors funded by the Lebanese council for Scientific Research (CNRS).
2. Vivian Khamis, Exposure to violence and educational and psychosocial adjustment in children: The mediating role of coping and family environment.
Rola Khishfe
1. A grant proposal, “Promoting the Pillars of Scientific Literacy” was submitted to the Partnerships for Enhanced Engagement in Research (PEER) in 2012.

Barend Vlaardingerbroek
Colin Bale
Neil Taylor
Barend Vlaardingerbroek (principal)

E. OTHER STAFF ACTIVITIES
Anies Al-Hroub

Keynote Speaker/Invited Speaker


Workshops and Seminars


Faculty/Department and University Committees
1. Chair of the Curriculum and Examination Committee (CEC), 2012- present.
3. Member of the Promotion Committee for Dr. Tamer Amin, 2012/13.
5. Advisory Committee Member of the MasterCard Foundation Scholars Program Monitoring and Evaluation (M&E).


8. Advisor for “These Abilities” Club. This club was newly established by a group of AUB students to help physically disabled individuals to get their rights in Lebanon, 2011-present.

**Editorial Review**


2. **Consulting Editor**, *Journal of International Association of Special Education*, 2007-present.


**Membership of Professional Bodies/Associations**

1. Lebanese Association for Educational Studies (LAES)

2. The International Association of Special Education (IASE)

3. The World Council for Gifted and Talented Children (WCGCT)

4. The UNRWA advisory scholarship committee.

**Tamer Amin**

Served on the following FAS and Education Department Committees:

1. Graduate Committee, FAS

2. Curriculum and Examination Committee, Department of Education

3. Practice Teaching Committee, Department of Education

4. Served as an external member of search committees for faculty hires at the following FAS departments:
   1. English
   2. Philosophy
   3. Psychology

5. As Science and Mathematics Education Center Director carried out the following:

6. Coordinated the BLOSSOMS MIT Video lessons in science and mathematics launching event.


8. In collaboration with the Education Students Society, organized the 19th annual Science, Mathematics and Technology Fair for students K-12.
9. Consultancies:
10. D-Rasati project for educational reform in Lebanon: Coordinated science teacher training materials and implemented training.
11. Designed and conducted three day teacher training workshop at Qa

**Hoda Baytiyeh**
1. Department website maintenance

**Saouma BouJaoude**

**Presentations**

**Service to the Department**
1. Member of the Departmental Review Committee
2. Member of the Practice Teaching Committee

**Service to the University**
1. Director of the Center for Teaching and Learning
2. Institutional Assessment Committee
3. Goal 1 strategic planning committee
4. AUB Teaching Excellence Award Committee (Co-Chair)
5. Coordinator of the D-RASATI Project

**Service to the Profession**
1. Member of the International Advisory Committee for the implementation of Saudi Arabia K-12 Education Reform Strategy, KSA
2. Member of the Advisory Board of Nibras International School, Dubai.
3. Member of the Executive Board of the Eurasian Society of Educational Research
4. Member of the Executive Committee of the Supreme Education Council, State of Qatar.
5. Member of the Joint Advisory Board of the National Center for Educator Development, Qatar University, Qatar
6. Member of the scientific committee of the International Conference on Innovation and Challenges in Education 2013 (CICE2013).
7. Member of the Editorial Advisory Board of the McGill Journal of Education (MJE)
8. Member of the scientific committee of the 9th International Conference on Hands-on Science, Antalya 2012 (Turkey).
9. Member of the editorial board of the Journal of Educational and Psychological Studies, College of Education, Sultan Qaboos University.
10. Member of the editorial board of the International Journal of Biology Education (IJOBED).
11. Member of the editorial board of the International Journal of Excellence in Education.
12. Member of the editorial board of the Journal on Excellence on College Teaching, Miami University, Ohio, USA
13. Member of the editorial board of the International Journal of Science and Math Education
14. Member of the editorial board of the Eurasia Journal of Physics and Chemistry Education.
15. Member of the editorial board of the International Journal of Environmental and Science Education (IJESE).
16. Member of the editorial board of Educational Studies: Theory and Practice.
17. Member of the editorial board of the Journal of Science Teacher Education.
18. Member of the editorial board of the International Journal of Excellence in Education.
19. Member of the editorial board of the Eurasia Journal of Math, Science, and Technology Education.
21. Contributing International Editor, Science Education, USA.
24. Member of the European Science Education Research Association.
25. Member of the Lebanese Association for Educational Studies, Lebanon

**Service the Community**
1. Member of the Board of Trustees of Al Ahliyah School, Beirut, Lebanon
2. Member of the Board of Governors, Brummana High School, Brummana, Lebanon.
3. Member of the Consultative board of Hariri II and III schools, Beirut, Lebanon.

**Karma El-Hassan**
2. As part of SABER project, commissioned by UNESCO to write assessment report on Libya’s educational evaluation system, April 2013.
3. Academic Coordinator of the Princess Noura University Project, Riyadh, February 2013.
4. Senior Consultant on a REP project entailing establishing a new university in the Abu Dhabi. Responsible for developing quality assurance and institutional effectiveness manuals and setup.
5. Participated and presented in several regional and international conferences (OECD, Bahrain, Qatar, and Kuwait).
6. Reviewed manuscripts for journals and conferences, and evaluated books for regional prizes.
Rabih El-Mouhayyar

Conferences

Workshops and Materials Development
2. El Mouhayar, R., & Osta, I. (May 2013). Developed training materials (trainer and participant manuals) for Math hubs; Designed activities for Math teacher educators to be included in the Hubs manuals.
3. Jurdak, M., & El Mouhayar (April 2013). Prepared (as a partner with Professor Murad Jurdak) a proposal for a Teaching Diploma in Math Education for Princess Noura University: The scope of work includes: A draft to include program description, program outcomes, admission criteria, structure, courses.
4. El Mouhayar, R., & Osta, I. (December 15, 2012 – February 5, 2013). Conducted a 5-day workshop (Teacher Learning Circles: TLC-Math) with the D-RASATI Project to train the secondary and intermediate grade level trainers and members of the Guidance and Counseling Department of the Ministry of Education and Higher Education. The scope of work included: (1) Preparing training materials for TLC-Math; holding meetings to plan for training; delivering 5 days of training; and reviewing the training materials.
5. El Mouhayar, R. (November 2012). Conducted a 1-day workshop with the D-RASATI Project. The purpose of the activity involved reviewing the progress scale mathematics training (D-RASATI) with the secondary and intermediate level trainers and members of the Guidance And Counseling Department of the Ministry of Education and Higher Education.
6. El Mouhayar, R., & Osta, I. (August, 2012 – November, 2012). Conducted a 5-day workshop with the D-RASATI Project to train the secondary and intermediate grade level trainers and members of the guidance And Counseling Department of the Ministry of Education and Higher Education. The scope of work includes: Preparing training materials for Subject Matter Teaching Methods – Math; holding meetings to plan for training; delivering 5 days of training; and revising training materials based on feedback collected during the training.
7. El Mouhayar, R. (September, 2012). Conducted a 2-hour workshop entitled “Using questioning and discussion techniques to elicit student reflection and challenge deeper student engagement” during the workshop series organized by the Department of Education.

Committees and other activities
10. (Spring 2012-2013). Organized with the Education Student Society and members of the Science and Math Center the 19th Annual Science, Math, & Technology Fair.
12. (Summer 2012). Acting Director of Science and Math Education Center
13. (2012-2013). Member of the FAS Research Committee
15. (2012-2013). Member of Science and Math Education Center
16. (2012-2013). Member of Curriculum and Examination committee in the Department of Education
17. (2012-2013). Member of Practice Teaching Committee in the Department of Education
18. (Spring 2012-2013). Advisor for TD elementary education Math/Science
19. Member of several thesis proposals committees
20. Co-Advisor of Master’s thesis proposals of two students in math education
21. Attended a Faculty Seminar on Learning and Teaching Excellence that was implemented by the Center for Teaching and Learning at AUB.
22. (Spring 2012). Reviewed a manuscript entitled “understanding visualization from the viewpoint of the blind: When active touch generates solids of revolution”, for the ZDM – International Journal on Mathematics Education.

Ghazi Ghaith
1. Coordinated the Tempus Project Grant: Capacity Development of Faculties of Education in International Approaches to Teacher Education (CDFE)

Murad Jurdak
1. Student advisor, Teaching Diploma in Mathematics Education
2. Student advisor, MA in mathematics education
3. Member of the Department of Education Practice Teaching Committee
4. Member of FAS Advisory Committee (since October 2012)
5. Member of executive committee and secretary of the BOT of Marj’ayoun National College
6. Consultant to Mabarrat Philanthropic Organization on the design and implementation of a self-study for their schools
7. Commissioned by the Qatari Supreme Education Council (SEC) to conduct a study to investigate the alignment between school tests and Qatari Standards. Study was completed by April, 2013
9. Served as committee member on two MA theses
10. Advisor for three PhD Lebanese University students
11. Acted as a reviewer for Qatar Foundation two education research proposals.
12. Acted as reviewer for two journals: Journal of Research in Mathematics Education and School science and Mathematics.
13. A co-principal investigator in TAMAM
14. Served as TAMAM research director

**Rima Karami**

**TAMAM Workshops:**
2. Introducing TAMAM to the Baptist School, October 6, 2012

**AUB Workshops:**
1. The transition into the principalship; initiating new principals for effective school leadership. October 13, 2012
3. Facing the challenges of Instructional Supervision. November 17, 2012
Workshops at Other Institutions:
2. Instructional Supervision: Leadership for School Improvement, October 5-6, 2012

Consultations:
1. D-RASATI /School Improvement Component: design and training for the self-study and implementation and evaluation of school improvement plan sub-components. September 2012-present.

Vivian Khamis
Conference Presentations

Committee Assignments
1. Member of the Senate Committee
2. Member of the Assessment of Program Learning Outcomes Committee
3. Member of the Practice Teaching Committee (PTC) Committee

Editorial Board Member
1. Editorial Board Member for International Journal of School and Educational Psychology Sept 2012 till now

Appointment as a Referee
1. Child Development
2. International Journal of School and Educational Psychology
3. Social Science and Medicine
4. Child and Adolescent Mental Health
5. International Journal of Child Psychology and Psychiatry
6. Quality of Life Research
7. CTL: Third International Conference on Effective Teaching and Learning in Higher Education
8. Journal of Educational and Psychological Studies at Sultan Qaboos University

Rola Khishfe


e, Germany.

4. Service to the Department. I gave three workshops in October and December, 2012.

5. Service to the Department. I have served on several departmental committees (Curriculum, Practice Teaching, SMEC Organizing Committee, Comprehensive Examination Sub-committee). I have also reviewed research proposals for the annual conference of SMEC.

6. Service to the Local Community. I have served on the scientific committee for the Mobarat in UNESCO. I have also served as a judge for science fairs conducted at AUB and elsewhere. Additionally, I have served as a consultant for the project Drasati.

7. Service to the Wider Community. I gave workshops about scientific inquiry for teachers, principals, and science educators at the Second Annual International Educational Symposium: Creating Opportunities for All in Dubai & Abu Dhabi, UAE on October 29-30, 2010.

8. Service to the International Community. I have served on the editorial board of several journals International Journal of Science Education, Science & Education, Science Education. In addition, I have also reviewed research proposals for the annual meeting of NARST. I am also serving on the Equity and Ethics NARST Committee to provide leadership and guidance on issues of equity and ethics.
Barend Vlaardingerbroek
Neil Taylor
Barend Vlaardingerbroek (principal)


F. PUBLICATIONS:

Anies Al-Hroub

Hoda Baytiyeh
Saouma BouJaoude
Published Articles and Chapters


Articles or Chapters in Press


Karma El-Hassan


**Rabih El-Mouhayar**

1. EL Mouhayar, R., & Jurdak, M. (2012). Teachers' ability to identify and explain students' actions in near and far figural pattern generalization tasks. *Educational Studies in Mathematics, 82*(3), 379-396. This study was funded by URB Seed Grant.


**Ghazi Ghaith**


**Murad Jurdak**

and explain students’ actions in near and far figural pattern generalization

knowledge of students’ thinking in pattern generalization. In Tso T. Y.
(Eds.), *Proceedings of the 36th Conference of the International Group for the
Psychology of Mathematics Education (Vol. 4, pp. 285).* Taipei, Taiwan: PME

### Rima Karami


DOI:10.1080/19415257.2013.775662

3. Pemberton, C., with chapters co-authored by: Karami-Akkary, R., Beegle,
D., Casey White, E., Gatimu, W., & Musser, M., (2012). *Getting There:


5. Karami-Akkary, R. (forthcoming, Fall 2014). The Role and the role context
of the Lebanese School Principal: Towards a Culturally Grounded
Understanding of the Principalship. *Educational Management and Leadership [EMAL]*.

### Vivian Khamis


children with war-related injuries. *International Journal of Special
Education*, 28, 69-78.

3. Khamis, V. (2012). Impact of war, religiosity and ideology on PTSD and
psychiatric disorders in adolescents from Gaza Strip and South Lebanon.

moderators Between political stressors and emotional and behavioral

### Publications in Press


**Rola Khishfe**


**G. FUTURE DEVELOPMENTS**

The Department is currently involved in a program review process to look into its degree and diploma offerings both at the undergraduate and graduate levels. This review may entail structural changes at the macro level to introduce new programs as well as on the micro level to modify course descriptions and learning outcomes. This review is an opportunity for future developments in line with the current and emerging needs for pre-service and in-service training within Lebanon and the region, more generally.

Chairperson
Ghazi Ghaith