

# 2012-2013 LONG SIGNATURE SHEET



UNC CHARLOTTE

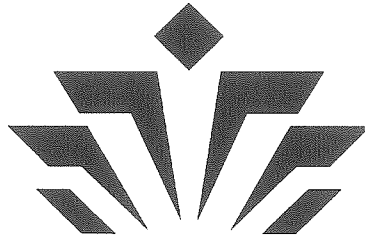
Proposal Number: MBA 3-17-13

Proposal Title: Establishment of an Energy concentration in the MBA Program

Originating Department: MBA Program Committee

TYPE OF PROPOSAL: UNDERGRADUATE \_\_\_\_\_ GRADUATE X \_\_\_\_\_ UNDERGRADUATE & GRADUATE \_\_\_\_\_  
 (Separate proposals sent to UCCC and Grad. Council)

DATE RECEIVED	DATE CONSIDERED	DATE FORWARDED	ACTION	SIGNATURES
3-17-2013	3-17-2013	4-8-2013	Approved	<u>PROGRAM CHAIR</u>  [print name here:] Cary F. Kohut
4-8-2013	4-15-2013	4-15-2013	Approved	<u>COLLEGE CURRICULUM COMMITTEE CHAIR</u>  [print name here:] Steven P. Clark
			Approved	<u>COLLEGE FACULTY CHAIR (if applicable)</u>  [print name here:] Rob Roy McGregor
			Approved	<u>COLLEGE DEAN</u>  [print name here:] Steven Ott
			Approved	<u>GENERAL EDUCATION</u> (if applicable; for General Education courses)  [print name here:]
			Approved	<u>UNDERGRADUATE COURSE &amp; CURRICULUM COMMITTEE CHAIR</u> (for undergraduate courses only)
5-2-13	5-7-13	5-10-13	Approved	<u>GRADUATE COUNCIL CHAIR</u> (for graduate courses only)  Rob Roy McGregor
				<u>FACULTY GOVERNANCE ASSISTANT</u> (Faculty Council approval on Consent Calendar)
				<u>FACULTY EXECUTIVE COMMITTEE</u> (if decision is appealed)



# UNC CHARLOTTE

## LONG FORM COURSE AND CURRICULUM PROPOSAL

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To: Belk College Graduate Council Chairperson

From: MBA Program Committee

Date: March 17, 2013

Re: Establishment of an Energy concentration in the MBA Program

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University of North Carolina at Charlotte

MBA 3-17-13

New Graduate

Course and Curriculum Proposal from: MBA Program Committee

Title: Establishment of an Energy concentration in the MBA Program

### II. CONTENT OF PROPOSAL

#### A. PROPOSAL SUMMARY.

1. **SUMMARY.** The MBA program committee recommends the creation of a new concentration in Energy in the MBA program. Students electing to pursue the Energy concentration will be required to take EMGT 5961 – Introduction to Energy Systems and EMGT 5962 - Energy Market Systems and two approved electives. EMGT 5962 will be cross listed as MBAD 6962.
2. **PROPOSED CATALOG COPY:**  
**Concentration & Elective Component (15 credit hours)**  
Students complete twelve to fifteen hours of elective courses specified for a concentration or as free electives. Students may enroll in electives as soon as they complete the prerequisites for each course. MBAD 6890 (Directed Individual

Study) and MBAD 7090 (Special Topics in Business) may be included in a concentration with permission of the MBA Director

Required courses:

EMGT 5961 Introduction to Energy Systems  
MBAD 6962 Energy Markets

Plus two of the following with at least one of the courses selected from: ECON 5181, EMGT 5963 or EMGT 5964.

ECON 5181 Energy and Environmental Economics  
MBAD 6157 Advanced Corporate Finance  
FINN 6210 Derivatives 1: Financial Elements of Derivatives  
EMGT 5963 Energy Systems Planning  
EMGT 5964 Case Studies in Energy Systems  
EMGT 6901 Advanced Project Management  
EMGT 6930 Capital Cost Estimating

**B. JUSTIFICATION.**

1. Identify the need addressed by the proposal and explain how the proposed action meets the need.

Charlotte is emerging as a new energy hub, with a cluster of more than 250 energy-related companies and energy jobs totaling more than 28,000. A new report from McKinsey & Co. for the Charlotte Regional Partnership estimates Charlotte could produce 4,500 to 8,500 energy-related jobs a year by 2020, and the sector could account for up to half of all new job growth.

With the support of the Energy Production and Infrastructure Center (EPIC) and Systems Engineering and Engineering Management (SEEM), the MBA Program proposes to add this energy concentration to address the growing need for managers with energy industry specialization. The concentration would be geared to engineers in the MBA program seeking an executive track in the power industry. There are a few MBA programs that focus on the oil and gas industry in places like Texas and Oklahoma but Ronak Bhatt, a faculty consultant at EPIC and founder of the consulting firm RIN Advisors, believes this is the first that would focus on the power industry.

2. Discuss prerequisites/corequisites for course(s) including class-standing, admission to the major, GPA, or other factors that would affect a student's ability to register.

The new energy concentration would be open to students currently

enrolled in the MBA program. The focus will be on offering MBA training for engineers to expand their value to energy companies.

3. Demonstrate that course numbering is consistent with the level of academic advancement of students for whom it is intended.

The course numbering is consistent with Graduate and Master's level courses.

4. In general, how will this proposal improve the scope, quality and/or efficiency of programs and/or instruction?

Charlotte already boasts more than 250 companies in the energy sector with 28,000 workers and salaries above the regional average. Both large companies, such as Duke Energy, Piedmont Natural Gas and Areva, and smaller ones have combined with leading-edge startups to make the region an energy innovation generator.

We believe developing an energy concentration in the MBA program is both strategic and timely as it is widely accepted that the long-term growth outlook for global energy production and consumption will be robust well into the 21st century. Industry leaders have expressed a strong preference for candidates with MBAs. Additionally, most sectors of the energy industry are facing well-documented shortages of young managerial talent and are forecasting a significant shortfall in the management ranks over coming years.

5. If course(s) has been offered previously under special topics numbers, give details of experience including number of times taught and enrollment figures.

None of the courses in the concentration are currently being taught as a special topics course. They are all permanent courses.

- C. **IMPACT.** Changes to courses and curricula often have impacts both within the proposing department as well as campus-wide. What effect will this proposal have on existing courses and curricula, students, and other departments/units? Submit an Impact Statement that fully addresses how you have assessed potential impacts and what the impacts of this proposal might be. Consider the following:

1. What group(s) of students will be served by this proposal?

The new energy concentration would be open to both business and engineering students in the MBA program but the focus will be on offering MBA training for engineers to expand their value to energy

companies.

2. What effect will this proposal have on existing courses and curricula?
  - a. When and how often will added course(s) be taught?

No courses are being added as a result of this concentration.

- b. How will the content and/or frequency of offering of other courses be affected?

The scheduling of other courses will not be affected by this concentration.

- c. What is the anticipated enrollment in course(s) added (for credit and auditors)?

No new courses are being added as a result of this concentration.

- d. How will enrollment in other courses be affected? How did you determine this?

No new courses are being added so there will be no effect on other courses.

- e. Identify other areas of catalog copy that would be affected, including within other departments and colleges (e.g., curriculum outlines, requirements for the degree, prerequisites, articulation agreements, etc.)

N/A

### III. RESOURCES REQUIRED TO SUPPORT PROPOSAL.

When added resources are not required, indicate "none". For items which require "none" explain how this determination was made.

- A. PERSONNEL. None. The proposed Energy concentration does not require any new faculty resources and it does not increase the load on present faculty.
- B. Qualified faculty members interested in teaching the course(s) from the Belk College of Business.

EMGT 5962, Energy Markets, Dr. Peter Schwarz  
ECON 5181, Energy and Environmental Economics, Dr. Peter Schwarz  
MBAD 6157, Advanced Corporate Finance, Dr. Judson Russell

FINN 6210, Derivatives 1: Financial Elements of Derivatives, Dr. W. Keener  
Hughen

- C. **PHYSICAL FACILITY.** NONE. Adequate space is available to deliver this concentration.
- D. **EQUIPMENT AND SUPPLIES:** NONE. No special equipment or supplies are needed for this concentration.
- E. **COMPUTER.** NONE. Current software/computing resources are adequate for this concentration.
- F. **AUDIO-VISUAL** NONE. No requirements for audio-visual facilities beyond the standard classroom podiums are needed for this concentration.
- G. **OTHER RESOURCES.** None. No new/added resources are required to support this concentration.
- H. **SOURCE OF FUNDING.** None. No source(s) of funding for this new concentration are required to support this proposal.

#### IV. CONSULTATION WITH THE LIBRARY AND OTHER DEPARTMENTS OR UNITS

- A. **LIBRARY CONSULTATION.** Indicate written consultation with the Library Reference Staff at the departmental level to ensure that library holdings are adequate to support the proposal prior to its leaving the department. (Attach copy of *Consultation on Library Holdings*).

A copy of this proposal was sent to Nicole Spoor, the business librarian, for consultation. Her April 5, 2013 report is attached in Appendix C.

- B. **CONSULTATION WITH OTHER DEPARTMENTS OR UNITS.**

Appendix D: Energy Production and Infrastructure Center (EPIC), Approved  
April 8, 2013

Appendix E: Department of Systems Engineering and Engineering  
Management

Appendix F: Department of Economics, Approved April 12, 2013

Appendix G: Department of Finance, Approved April 4, 2013

List departments/units consulted in writing regarding all elements outlined in IIC: Impact Statement, including dates consulted. Summarize results of consultation and attach correspondence. Provide information on voting and dissenting opinions (if applicable).

V. INITIATION, ATTACHMENTS AND CONSIDERATION OF THE PROPOSAL

A. ORIGINATING UNIT. MBA Program Committee.

B. ATTACHMENTS.

1. CONSULTATION: Attach relevant documentation of consultations with other units.
2. PROPOSED CATALOG COPY: Copy should be provided for all courses in the proposal. Include current subject prefixes and course numbers, full titles, credit hours, prerequisites and/or corequisites, concise descriptions, and an indication of when the courses are to be offered as to semesters and day/evening/weekend. Copy and paste the current catalog copy and use the Microsoft Word "track changes" feature (or use red text with "strikethrough" formatting for text to be deleted, and adding blue text with "underline" formatting for text to be added).
  - a. For a new course or revisions to an existing course, check all the statements that apply:
    - A course will be cross listed with another course.
    - There are prerequisites for this course.
    - There are corequisites for this course.
    - This course is repeatable for credit.
    - This course will increase/decrease the number of credits hours currently offered by its program.
    - This proposal results in the deletion of an existing course(s) from the degree program and/or catalog.

For all items checked above, applicable statements and content must be reflected in the proposed catalog copy.

- b. If overall proposal is for a new degree program that requires approval from General Administration, please contact the [facultygovernance@uncc.edu](mailto:facultygovernance@uncc.edu) for consultation on catalog copy.

No new courses are being created for this proposal. However, we will cross-list EMGT 5962 as MBAD 6962 since it is being co-taught by a member of the Belk College of Business.

3. TEXTBOOK COSTS: It is the policy of the Board of Governors to reduce textbook costs for students whenever possible. Have electronic textbooks, textbook rentals, or the buyback program been considered and adopted?

Electronic textbooks, textbook rentals, and/or the buyback program have been considered in this proposal.



## APPENDIX A

### II. Concentration and Elective Component (12 credit hours)

Students complete twelve hours of elective courses specified for a concentration. Students may enroll in electives as soon as they complete the prerequisites for each course. MBAD 6890 (Directed Individual Study) and MBAD 7090 (Special Topics in Business) may be included in a concentration with permission of the MBA Director and the related department.

Concentration and elective requirements:

#### **Applied Investments Management**

Required courses:

- MBAD 5158 Student Managed Investment Fund I (3)
- MBAD 5159 Student Managed Investment Fund II (3)
- MBAD 6153 Investment Management (3)
- MBAD 6157 Advanced Corporate Finance (3)

#### **Business Analytics**

Required Courses:

- MBAD 6201 Data and Knowledge Management (3)
- MBAD 6122 Decision Modeling and Analysis via Spreadsheets (3)
- MBAD 6207 Business Project Management (3)

Plus one of the following courses:

- MBAD 6202 Business Information Systems: Analysis, Design, and Management (3)
- MBAD 6203 Information Systems Economics, Strategy, and Policy (3)
- MBAD 6204 Business Data Communications (3)
- MBAD 6208 Supply Chain Management (3)
- MBAD 6172 Marketing Research (3)
- MBAD 6177 Pricing and Positioning Strategy (3)
- MBAD 7090 Special Topics in Business: Advanced Analytics (3)

ECON 6112 Graduate Econometrics (3)

ECON 6218 Business and Economic Forecasting (3)

**Business Finance**

Required courses:

MBAD 6153 Investment Management (3)

MBAD 6157 Advanced Corporate Finance (3)

Plus two of the following courses:

MBAD 6151 Financial Institutions and Markets (3)

MBAD 6154 Applied Business Finance (3)

MBAD 6155 Multinational Finance (3)

**Energy**

Required courses:

EMGT 5961 Introduction to Energy Systems (3)

MBAD 6962 Energy Markets (3)

Plus two of the following with at least one of the courses selected from: ECON 5181, EMGT 5963 or EMGT 5964.

ECON 5181 Energy and Environmental Economics (3)

MBAD 6157 Advanced Corporate Finance (3)

FINN 6210 Derivatives 1: Financial Elements of Derivatives (3)

EMGT 5963 Energy Systems Planning (3)

EMGT 5964 Case Studies in Energy Systems (3)

EMGT 6901 Advanced Project Management (3)

EMGT 6930 Capital Cost Estimating (3)

**Financial Institutions/Commercial Banking**

Required courses:

MBAD 6153 Investment Management (3)

MBAD 6156 Commercial Bank Management (3)

MBAD 6157 Advanced Corporate Finance (3)

Plus one of the following courses:

MBAD 6151 Financial Institutions and Markets (3)

MBAD 6155 Multinational Finance (3)

### **Global Business**

Required courses:

MBAD 6193 Global Business Environment (3)

MBAD 6197 Managing Multinational Enterprise (3)

Plus one course involving MBA-approved international study or travel (3)

And one of the following courses:

MBAD 6155 Multinational Finance (3)

MBAD 6174 Global Marketing (3)

### **Information and Technology Management**

Required courses:

MBAD 6201 Data and Knowledge Management in Business (3)

MBAD 6202 Business Info Systems Development (3)

Plus two of the following courses:

MBAD 6203 Information Systems Economics, Strategy, and Policy (3)

MBAD 6204 Business Data Communications (3)

MBAD 6122 Decision Modeling and Analysis via Spreadsheets (3)

MBAD 6207 Business Project Management (3)

### **Management**

Choose four of the required courses:

MBAD 6162 Leadership in Organizations (3)

MBAD 6163 Human Resource Management (3)

MBAD 6164 Executive Communication (3)

MBAD 6165 Negotiation and Conflict Management (3)  
MBAD 6166 Ethics and Global Capitalism (3)  
MBAD 6191 Entrepreneurship (3)  
MBAD 6192 Business Ethics and Corporate Responsibility (3)  
MBAD 6193 Global Business Environment (3)  
MBAD 6197 Managing Multinational Enterprise (3)  
MBAD 6207 Business Project Management

### **Marketing**

Choose four of the required courses:

MBAD 6172 Marketing Research (3)  
MBAD 6173 Promotional Strategy (3)  
MBAD 6174 Global Marketing (3)  
MBAD 6176 Consumer Behavior (3)  
MBAD 6371 Marketing of Sports (3)  
MBAD 6361 Management of Motorsports (1.5) and MBAD 6362  
Management of Professional Team Sports (1.5)

### **Real Estate Finance and Development**

Required courses:

MBAD 6158 Real Estate Finance & Investment (3)  
MBAD 6159 Real Estate Development (3)

Plus two of the following courses:

MBAD 6160 Real Estate Capital Markets (3)  
MBAD 6258 Site Feasibility Analysis (3)  
MBAD 6259 Applied Real Estate Development (3)

### **Supply Chain Management**

Required courses:

MBAD 6122 Decision Modeling and Analysis via Spreadsheets (3)  
MBAD 6142 Quality & Manufacturing Management (3)

MBAD 6208 Supply Chain Management (3)

Plus one of the following courses:

MBAD 6207 Business Project Management (3)

Elective approved by the MBA Director (3)

**Student Structured Concentration**

Students may propose a 12-semester hour concentration in a significant area of interest for approval by the Director of the MBA program. This concentration may include graduate courses from other programs within the University with approval of the related department.

## APPENDIX B

### CURRENT CATALOG COPY (WITH EDITS AND ADDITIONS)

#### Changes required by cross-listing courses.

##### Added as a MBAD course:

**MBAD 6962-Energy Markets (3) Cross-listed as EMGT 5962** Prerequisite: Basic math and economics or consent of instructor. SEGR 4961/EMGT 5961 Introduction to Energy Systems or ECON 5181 Energy and Environmental Economics. Co-requisite: If students have not completed SEGR 4961/EMGT 5961 Introduction to Energy Systems or ECON 5181 Energy and Environmental Economics, they should enroll in one of these courses concurrently with this one.. Energy and power systems in regulated and competitive environments and implications on business decisions for firms in these industries. Topics include: mechanism of energy markets; comparative market systems; determination of prices under different market structures; gas, oil, coal, and electricity market architecture; electricity market design; dispatch and new build decisions; smart grid and renewable energy in electricity markets; risk and risk management in energy including demand and price volatility and use of financial derivatives; and the impact of financial market trends and current and proposed policies on the energy industry.

**EMGT 5962 - Energy Markets. (3) Cross-listed as MBAD 6962** Prerequisite: Basic math and economics or consent of instructor. SEGR 4961/EMGT 5961 Introduction to Energy Systems or ECON 5181 Energy and Environmental Economics. Co-requisite: If students have not completed SEGR 4961/EMGT 5961 Introduction to Energy Systems or ECON 5181 Energy and Environmental Economics, they should enroll in one of these courses concurrently with this one.. Energy and power systems in regulated and competitive environments and implications on business decisions for firms in these industries. Topics include: mechanism of energy markets; comparative market systems; determination of prices under different market structures; gas, oil, coal, and electricity market architecture; electricity market design; dispatch and new build decisions; smart grid and renewable energy in electricity markets; risk and risk management in energy including demand and price volatility and use of financial derivatives; and the impact of financial market trends and current and proposed policies on the energy industry.

APPENDIX C



**Consultation on Library Holdings**

**To:** Dr. Gary Kohut  
**From:** Nicole Spoor  
**Date:** April 5, 2013  
**Subject:** Establishment of an Energy Concentration in the MBA Program

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**Summary of Librarian's Evaluation of Holdings:**

**Evaluator:** Nicole Spoor, Business Librarian      **Date:** April 5, 2013

**Please Check One:**

- 1. Holdings are superior
- 2. Holdings are adequate
- 3. Holdings are adequate only if dept. purchases additional items
- 4. Holdings are inadequate

**Comments:**

After a thorough evaluation of Atkins Library resources with regards to journals, databases, and circulating books that are relevant to the establishment of an Energy

Concentration in the MBA program, it is found that the library's resources are sufficient to support this new concentration.

The following table shows the print source holdings that are relevant to an Energy Concentration in the MBA program. After performing multiple searches of the catalog, it is found that there are adequate resources related to an Energy Concentration in the MBA program. Individual books not owned by the library may be requested through the library's interlibrary loan service.

Catalog Searches Performed	Total Results	Results Less Than 5 Years Old
Energy AND Industry	2177	385
Energy AND Business	663	174
Market Systems	1174	401
Energy AND Economics	544	151
Corporate Finance	631	132

Print sources will not be the most relevant resource for this concentration. Databases containing current research will prove more useful for students. The following is a list of selected databases that may be relevant to an Energy Concentration in the MBA program to which Atkins Library provides access:

ASCE Library  
 Business Source Complete  
 EconLit  
 Engineering Village  
 IEEE Xplore  
 JSTOR  
 Lexis Nexis Academic  
 ScienceDirect  
 SimplyMap  
 Web of Knowledge

Atkins Library also has access to several journal titles that may be relevant to an Energy Concentration in the MBA program. Journal articles not owned by the library may be requested through the library's interlibrary loan service.

*Advances in Energy Systems and Technology*  
*Energy*  
*Energy and Power Management*  
*Energy Economist*  
*Journal of Energy Resources Technology*  
*Management and Engineering*  
*Journal of Management in Engineering*  
*Journal of Management Research*



**Conclusion:**

The holdings of Atkins Library with regards to print resources, databases and journals are sufficient to support the establishment of an Energy Concentration in the MBA program. It is suggested that the participating academic departments continue ordering new resources as they are published.

**Evaluator's Signature:** Nicole Spoor, Business Librarian, Atkins Library

**Date:** April 5, 2013

**APPENDIX D**



UNC CHARLOTTE

*The* WILLIAM STATES LEE COLLEGE *of* ENGINEERING

Energy Production and Infrastructure Center (EPIC)

9201 University City Blvd, Charlotte, NC 28223-0001

t/ 704.687.1669 f/ 704.687.1819 www.epic.uncc.edu

**Memorandum**

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To: Dr. Gary Kohut, Director, MBA Program

From: Dr. Johan Enslin, Director, Energy Production and Infrastructure Center

Subject: Consultation Regarding the Establishment of an Energy Concentration  
In the MBA Program

Date: April 8, 2013

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Thank you for consulting with the Energy Production and Infrastructure Center (EPIC) in the establishment of an Energy Concentration in the MBA Program. This is one of the key goals of EPIC to develop industry relevant multi-disciplinary energy concentrations across several colleges. EPIC supported industry participation to provide inputs to this concentration and fill a large need in the energy industry.

On behalf of EPIC, I fully support your proposal to establish an Energy Concentration in the MBA Program. Please let me know if I can be of further assistance.

Johan H-R. Enslin

APPENDIX E

**Subject:** RE: Reminder of Consultation on MBA Concentration in Energy

**Date:** Monday, April 15, 2013 8:08:56 AM Eastern Daylight Time

**From:** Ozelkan, Ertunga **To:** Kohut, Gary

**CC:** Amato, Christie

Gary,

Thanks for the quick response. Given the current capacity, accommodating 5-10 MBAD students in the Engineering Management Energy Concentration related courses should not be an issue. Over time we can monitor the interest level in these new and existing engineering management courses.

Please consider this message as our support letter for the MBAD Energy Concentration. The concentration is timely and is aligned with the directions of UNC Charlotte. Let us know if there are further questions, Wishing you all the best,

Ertunga

-----Dr. Ertunga C. Ozelkan, Ph.D. | Director & Associate Professor, Systems Engineering and Engineering Management Center for Lean Logistics and Engineered Systems | Associate Director UNC Charlotte | Room: Cameron 204 9201 University City Blvd. | Charlotte, NC 28223 Phone: 704-687-1952 | Fax: 704-687-3616 ecozelka@uncc.edu | <http://seem.uncc.edu> | <http://www.uncc.edu> -----

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## APPENDIX F



UNC CHARLOTTE

BELK COLLEGE *of* BUSINESS

9201 University City Blvd, Charlotte, NC 28223-0001  
t 704.687.7577 f 704.687.4014 www.belkcollege.uncc.edu

### Memorandum

**To:** MBA Program Committee

**From:** Dr. Jennifer Troyer, Chair, Department of Economics

**Subject:** Consultation Regarding the MBA Energy Concentration

**Date:** April 12, 2013

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I have reviewed the proposal for the MBA Energy Concentration, and a preliminary version was discussed at a Spring 2013 meeting of the Department of Economics faculty. The faculty were supportive of the Concentration, recognizing the importance of the energy sector to the Charlotte community and the contributions that economists can make to energy policy discussions.

Two concerns arose when considering the proposal, which contains one elective course (ECON 5181: Energy and Environmental Economics) and one required course (MBAD 6962: Energy Markets) that involve Economics faculty. The MBAD 6962 course will be team taught for the first time by Dr. Schwarz (from Economics) and Dr. Chowdhury (from Electrical and Computer Engineering) in Spring 2014. The ECON 5181 is a regularly offered cross-listed (with ECON 4181) course, also taught by Dr. Schwarz. The first concern is that Dr. Schwarz is the only faculty member in the Department of Economics with the background necessary to contribute to both courses. Given that the required MBAD 6962 course is team taught, the primary concern is with continued offering of the ECON 5181 elective should Dr. Schwarz leave the faculty. The second concern is with the distribution of students across the ECON 4181/5181 cross-listed course. The course is a very popular elective for undergraduates; in the past, five seats have been offered to graduate students interested in the course. In email communication with Dr. Kohut, MBA Program Director, he indicated that the course is likely to attract five to ten MBA students. If his demand projection is correct, we should be able to increase modestly the seats in ECON 5181 and decrease modestly the seats in ECON 4181. However, if the demand increased substantially, we would have concerns about losing a popular elective for our undergraduate students.

In sum, I strongly endorse this Concentration – it has the potential to be a very valuable cluster of courses for students in the MBA program with an interest in developing an expertise in the energy sector. Please let me know if I can be of further assistance.

## APPENDIX G



UNC CHARLOTTE

BELK COLLEGE *of* BUSINESS

Department of Finance

9201 University City Blvd, Charlotte, NC 28223-0001  
t 704.687.7623 f 704.687.6987 www.belkcollege.uncc.edu

### Memorandum

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**To:** Dr. Gary Kohut, Director, MBA Program

**From:** Dr. Dolly King, Chair, Department of Finance

**Subject:** Consultation Regarding the Establishment of an Energy Concentration in the MBA Program

**Date:** April 4, 2013

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Thank you for consulting with the Department of Finance on the establishment of an Energy Concentration in the MBA Program. I have reviewed the long form proposal and note that two Finance courses are included in the list of elective courses for this concentration: FINN 6210 Derivatives I: Financial Elements of Derivatives and MBAD 6157 Advanced Corporate Finance. The Department of Finance offers these two courses in fall and spring semesters. The inclusion of the two courses in the proposed concentration does not require any additional resources from our department.

On behalf of the Department of Finance, I fully support your proposal to establish an Energy Concentration in the MBA Program. Please let me know if I can be of further assistance.