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OFFICE OF THE
SENATE COUNCIL

Course Information

Date Submitted: 7/29/2013

Current Prefix and Number: MGT - Management , MGT 780 - ADVANCED SOCIAL NETWORK ANALYSIS

Other Course:

Proposed Prefix and Number:

What type of change is being proposed?

Major – Add Distance Learning

Should this course be a UK Core Course? No

1. General Information

a. Submitted by the College of: College of Business and Economics

b. Department/Division: Department of Management

c. Is there a change in 'ownership' of the course? No

If YES, what college/department will offer the course instead: Select...

e. Contact Person

Name: Stephen Borgatti

Email: sborgatti@uky.edu

Phone: 257-2257

Responsible Faculty ID (if different from Contact)

Name:

Email:

Phone:

f. Requested Effective Date

Semester Following Approval: No OR Effective Semester: Spring 2014

2. Designation and Description of Proposed Course

a. Current Distance Learning (DL) Status: Please Add

b. Full Title: ADVANCED SOCIAL NETWORK ANALYSIS

Proposed Title: Advanced Social Network Analysis

c. Current Transcript Title: ADVANCED SOCIAL NETWORK ANALYSIS

Proposed Transcript Title:

d. Current Cross-listing: none

Proposed – ADD Cross-listing :

Proposed – REMOVE Cross-listing:

e. Current Meeting Patterns

SEMINAR: 3

Proposed Meeting Patterns

SEMINAR: 3

f. Current Grading System: Graduate School Grade Scale

Proposed Grading System: PropGradingSys

g. Current number of credit hours: 3

Proposed number of credit hours: 3

h. Currently, is this course repeatable for additional credit? No

Proposed to be repeatable for additional credit? No

If Yes: Maximum number of credit hours:

If Yes: Will this course allow multiple registrations during the same semester? No

2i. Current Course Description for Bulletin: The focus of this course is on the theoretical concepts and methodology of social network analysis, both from a research and applied perspective. The course involves in-depth training on the hands-on analysis of social network data using specialized social network analysis software.

Proposed Course Description for Bulletin: The focus of this course is on the theoretical concepts and methodology of social network analysis, both from a research and applied perspective. The course involves in-depth training on the hands-on analysis of social network data using specialized social network analysis software.

2j. Current Prerequisites, if any: Prereq: consent of instructor

Proposed Prerequisites, if any:

2k. Current Supplementary Teaching Component:

Proposed Supplementary Teaching Component:

3. Currently, is this course taught off campus? No

Proposed to be taught off campus? No

If YES, enter the off campus address:

4. Are significant changes in content/student learning outcomes of the course being proposed? No

If YES, explain and offer brief rationale:

5a. Are there other depts. and/or pgms that could be affected by the proposed change? No

If YES, identify the depts. and/or pgms:

5b. Will modifying this course result in a new requirement of ANY program? No

If YES, list the program(s) here:

6. Check box if changed to 400G or 500: No

Distance Learning Form

Instructor Name: Stephen Borgatti

Instructor Email: sborgatti@uky.edu

Internet/Web-based: No

Interactive Video: No

Hybrid: Yes

1. How does this course provide for timely and appropriate interaction between students and faculty and among students? Does the course syllabus conform to University Senate Syllabus Guidelines, specifically the Distance Learning Considerations? As a hybrid course, the class would meet each week just like any other class. The students will have done the readings and watched the instructional videos (several videos each week of about 12 minutes each). Class would then be devoted to discussing the online materials. So the expectation is that this course would actually feature a little more interaction time than most courses.

2. How do you ensure that the experience for a DL student is comparable to that of a classroom-based student's experience? Aspects to explore: textbooks, course goals, assessment of student learning outcomes, etc. This application is for the addition of a distance learning component to an existing PhD course. The textbook used in the past will continue to be used. The course goals remain the same: on completion of the course, the student should have a clear understanding of the main theoretical approaches in social network analysis, and be capable of designing and carrying out a social network research project. Assessment will also not change: it consists of a term paper of publishable quality (again, this is a PhD level course).

3. How is the integrity of student work ensured? Please speak to aspects such as password-protected course portals, proctors for exams at interactive video sites; academic offense policy; etc. The course will use password-protected Google Site to house materials. There are no exams. UK's standard academic offense policy will be explained in the syllabus, along with links to the Ombud office site.

4. Will offering this course via DL result in at least 25% or at least 50% (based on total credit hours required for completion) of a degree program being offered via any form of DL, as defined above? No.

If yes, which percentage, and which program(s)? NA

5. How are students taking the course via DL assured of equivalent access to student services, similar to that of a student taking the class in a traditional classroom setting? Students taking the course will enroll as they do for any distance learning course. They will have access to library services (see Carla Cantagallo or visit <http://www.uky.edu/DistanceLearning/online/library.php> for information), as well as Adobe Connect Pro, which will be used for holding "live meetings".

6. How do course requirements ensure that students make appropriate use of learning resources? The course requires students to read a number of journal articles. These are available electronically through the UK Library.

7. Please explain specifically how access is provided to laboratories, facilities, and equipment appropriate to the course or program. This course does not require access to any laboratories, facilities or equipment.

8. How are students informed of procedures for resolving technical complaints? Does the syllabus list the entities available to offer technical help with the delivery and/or receipt of the course, such as the Information Technology Customer Service Center (<http://www.uky.edu/UKIT/>)? The syllabus gives student contact information for the ITSC and Distance Learning Programs personnel

9. Will the course be delivered via services available through the Distance Learning Program (DLP) and the Academic Technology Group (ATL)? YES

If no, explain how student enrolled in DL courses are able to use the technology employed, as well as how students will be provided with assistance in using said technology. NA

10. Does the syllabus contain all the required components? YES

11. I, the instructor of record, have read and understood all of the university-level statements regarding DL.

Instructor Name: Stephen Borgatti

SIGNATURE|ZNNIKO0|Roshan N Nikou|MGT 780 CHANGE Graduate Council Review|20131010

SIGNATURE|MKT210|Steven J Skinner|MGT 780 CHANGE College Review|20130730

SIGNATURE|DBRASS|Daniel J Brass|MGT 780 CHANGE Dept Review|20130729

Courses	Request Tracking
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Course Change Form

https://myuk.uky.edu/sap/bc/soap/rfc?services=

Open in full window to print or save.

Generate R

Attachments:

Browse...

Upload File

ID	Attachment
Delete: 2100	MGT_780_Syllabus.pdf

First | 1 | Last

Select saved project to retrieve...

Get New

NOTE: Start form entry by choosing the Current Prefix and Number
(*denotes required fields)

Current Prefix and Number:	MGT - Management MGT 780 - ADVANCED SOCIAL NETWORK ANALYSIS	Proposed Prefix & Number:	
* What type of change is being proposed?	<input type="checkbox"/> Major Change <input checked="" type="checkbox"/> Major - Add Distance Learning <input type="checkbox"/> Minor - change in number within the same hundred series, exception same "hundred series" <input type="checkbox"/> Minor - editorial change in course title or description which does not content or emphasis <input type="checkbox"/> Minor - a change in prerequisite(s) which does not imply a change in or emphasis, or which is made necessary by the elimination or significant the prerequisite(s) <input type="checkbox"/> Minor - a cross listing of a course as described above		
Should this course be a UK Core Course? <input type="radio"/> Yes <input checked="" type="radio"/> No If YES, check the areas that apply: <input type="checkbox"/> Inquiry - Arts & Creativity <input type="checkbox"/> Composition & Communications - II <input type="checkbox"/> Inquiry - Humanities <input type="checkbox"/> Quantitative Foundations <input type="checkbox"/> Inquiry - Nat/Math/Phys Sci <input type="checkbox"/> Statistical Inferential Reasoning <input type="checkbox"/> Inquiry - Social Sciences <input type="checkbox"/> U.S. Citizenship, Community, Diversity <input type="checkbox"/> Composition & Communications - I <input type="checkbox"/> Global Dynamics			
1. General Information			
a.	Submitted by the College of: College of Business and Economics		Submission Date: 7/29/2013
b.	Department/Division: Department of Management		
c.*	Is there a change in "ownership" of the course? <input type="radio"/> Yes <input checked="" type="radio"/> No If YES, what college/department will offer the course instead? Select...		
e.*	* Contact Person Name: Stephen Borgatti	Email: sborgatti@uky.edu	Phone: 257-2257
	* Responsible Faculty ID (if different from Contact):	Email:	Phone:
f.*	Requested Effective Date:	<input type="checkbox"/> Semester Following Approval	OR Specific Term: 2 Spring 2014
2. Designation and Description of Proposed Course.			
a.	Current Distance Learning(DL) Status:	<input type="radio"/> N/A <input type="radio"/> Already approved for DL* <input checked="" type="radio"/> Please Add <input type="radio"/> Please Drop	
*If already approved for DL, the Distance Learning Form must also be submitted unless the department affirms (by checking this box) that proposed changes do not affect DL delivery.			
b.	Full Title:	ADVANCED SOCIAL NETWORK ANALYSIS	Proposed Title: * Advanced Social Network
c.	Current Transcript Title (if full title is more than 40 characters):		ADVANCED SOCIAL NETWORK ANALYSIS

c. Proposed Transcript Title (if full title is more than 40 characters):					
d. Current Cross-listing:	<input type="checkbox"/> N/A	OR	Currently ² Cross-listed with (Prefix & Number):	none	
Proposed – ADD ³ Cross-listing (Prefix & Number):					
Proposed – REMOVE ^{3,4} Cross-listing (Prefix & Number):					
e. Courses must be described by at least one of the meeting patterns below. Include number of actual contact hours ⁵ for each meeting pattern type.					
Current:	Lecture	Laboratory ⁵	Recitation	Discussion	Indep. St
	Clinical	Colloquium	Practicum	Research	Residency
	Seminar 3	Studio	Other Please explain:		
Proposed: ⁴	Lecture	Laboratory ⁵	Recitation	Discussion	Indep. St
	Clinical	Colloquium	Practicum	Research	Residency
	Seminar 3	Studio	Other Please explain:		
f. Current Grading System:	Graduate School Grade Scale				
Proposed Grading System:*	<input checked="" type="radio"/> Letter (A, B, C, etc.) <input type="radio"/> Pass/Fail <input type="radio"/> Medicine Numeric Grade (Non-medical students will receive a letter grade) <input type="radio"/> Graduate School Grade Scale				
g. Current number of credit hours:	3	Proposed number of credit hours:*	3		
h.* Currently, is this course repeatable for additional credit?					<input checked="" type="radio"/> Yes <input type="radio"/> No
* Proposed to be repeatable for additional credit?					<input checked="" type="radio"/> Yes <input type="radio"/> No
If YES:	Maximum number of credit hours:				
If YES:	Will this course allow multiple registrations during the same semester?				<input type="radio"/> Yes <input type="radio"/> No
i. Current Course Description for Bulletin:	The focus of this course is on the theoretical concepts and methodology of social network analysis, both from a research and applied perspective. The course involves in-depth training on the hands-on analysis of social network data using specialized social network analysis software.				
* Proposed Course Description for Bulletin:	The focus of this course is on the theoretical concepts and methodology of social network analysis, both from a research and applied perspective. The course involves in-depth training on the hands-on analysis of social network data using specialized social network analysis software.				
j. Current Prerequisites, if any:	Prereq: consent of instructor				
* Proposed Prerequisites, if any:					
k. Current Supplementary Teaching Component, if any:					<input type="radio"/> Community-Based Experience

	<input type="radio"/> Service Learning <input type="radio"/> Both	
Proposed Supplementary Teaching Component:	<input type="radio"/> Community-Based Experience <input type="radio"/> Service Learning <input type="radio"/> Both <input type="radio"/> No Change	
3. Currently, is this course taught off campus?	<input checked="" type="radio"/> Yes	
* Proposed to be taught off campus?	<input checked="" type="radio"/> Yes	
If YES, enter the off campus address:		
4.* Are significant changes in content/student learning outcomes of the course being proposed?	<input checked="" type="radio"/> Yes	
If YES, explain and offer brief rationale:		
5. Course Relationship to Program(s).		
a.* Are there other depts and/or pgms that could be affected by the proposed change?	<input checked="" type="radio"/> Yes	
If YES, identify the depts. and/or pgms:		
b.* Will modifying this course result in a new requirement² for ANY program?	<input checked="" type="radio"/> Yes	
If YES ² , list the program(s) here:		
6. Information to be Placed on Syllabus.		
<input type="checkbox"/>	Check box if changed to 400G or 500.	If changed to 400G- or 500-level course you must send in a syllabus and you must include the differences between undergraduate and graduate students by: (i) requiring additional assignments by the graduate and/or (ii) establishing different grading criteria in the course for graduate students. (See SR 3.1.4.)

Distance Learning Form

This form must accompany every submission of a new/change course form that requests distance learning delivery. This form may be required when changing a course already approved to fields are required!

Introduction/Definition: For the purposes of the Commission on Colleges Southern Association of Colleges and Schools accreditation review, *distance learning* is defined as educational process in which the majority of the instruction (interaction between students and instructors and among students) in a course occurs when students and instructor are not in the same place. Instruction may be synchronous or asynchronous. A distance learning (DL) course may employ correspondence study, or audio, video, or computer technology.

A number of specific requirements are listed for DL courses. **The department proposing the change in delivery method is responsible for ensuring that the requirements are satisfied at the individual course level.** It is the responsibility of the instructor to have read and understood the university-level assurances regarding an equivalent course students utilizing DL. (available at <http://www.uky.edu/USC/New/forms.htm>).

Course Number and Prefix: MGT 780	Date: 7/25/2013
Instructor Name: Stephen Borgatti	Instructor Email: sborgatti@uky.edu
Check the method below that best reflects how the majority of the course content will be delivered.	
Internet/Web-based <input type="checkbox"/>	Interactive Video <input type="checkbox"/>
Hybrid <input checked="" type="checkbox"/>	

Curriculum and Instruction

1. How does this course provide for timely and appropriate interaction between students and faculty and among students? Does the course syllabus conform to University Syllabus Guidelines, specifically the Distance Learning Considerations?

As a hybrid course, the class would meet each week just like any other class. The students will have done the readings and watched the instructional videos (several videos each week of about 12 minutes each). Class would then

2. How do you ensure that the experience for a DL student is comparable to that of a classroom-based student's experience? Aspects to explore: textbooks, course goal student learning outcomes, etc.

This application is for the addition of a distance learning component to an existing PhD course. The textbook used the past will continue to be used. The course goals remain the same: on completion of the course, the student should

3. How is the integrity of student work ensured? Please speak to aspects such as password-protected course portals, proctors for exams at interactive video sites; academic policy; etc.

The course will use password-protected Google site to house materials. There are no exams. UK's standard academic offense policy will be explained in the syllabus, along with links to the Ombud office site.

4. Will offering this course via DL result in at least 25% or at least 50%* (based on total credit hours required for completion) of a degree program being offered via any defined above?

No.

Which percentage, and which program(s)?

NA

*As a general rule, if approval of a course for DL delivery results in 50% or more of a program being delivered through DL, the effective date of the course's DL delivery months from the date of approval.

5. How are students taking the course via DL assured of equivalent access to student services, similar to that of a student taking the class in a traditional classroom setting? Students taking the course will enroll as they do for any distance learning course. They will have access to library services (see Carla Cantagallo or visit <http://www.uky.edu/DistanceLearning/online/library.php> for information), as

Library and Learning Resources

6. How do course requirements ensure that students make appropriate use of learning resources?

The course requires students to read a number of journal articles. These are available electronically through the University Library.

7. Please explain specifically how access is provided to laboratories, facilities, and equipment appropriate to the course or program.

This course does not require access to any laboratories, facilities or equipment.

Student Services

8. How are students informed of procedures for resolving technical complaints? Does the syllabus list the entities available to offer technical help with the delivery and/or course, such as the Information Technology Customer Service Center (<http://www.uky.edu/UKIT/>)?

The syllabus gives student contact information for the ITSC and Distance Learning Programs personnel

9. Will the course be delivered via services available through the Distance Learning Program (DLP) and the Academic Technology Group (ATG)?

Yes

No

If no, explain how students enrolled in DL courses are able to use the technology employed, as well as how students will be provided with assistance in using said technology.
NA

10. Does the syllabus contain all the required components, below? Yes

- Instructor's *virtual* office hours, if any.
- The technological requirements for the course.
- Contact information for Distance Learning programs (<http://www.uky.edu/DistanceLearning>) and Information Technology Customer Service Center (<http://www.uky.edu/UKIT/Help/>; 859-218-HELP).
- Procedure for resolving technical complaints.
- Preferred method for reaching instructor, e.g. email, phone, text message.
- Maximum timeframe for responding to student communications.
- Language pertaining academic accommodations:
 - "If you have a documented disability that requires academic accommodations in this course, please make your request to the University Disability Resource Center will require current disability documentation. When accommodations are approved, the Center will provide me with a Letter of Accommodation with recommended accommodations. Contact the Disability Resource Center, Jake Karnes, Director at 859-257-2754 or jkarnes@email.uky.edu."
- Specific dates of face-to-face or synchronous class meetings, if any.
- Information on Distance Learning Library Services (<http://www.uky.edu/Libraries/DLIS>)
 - Carla Cantagallo, DL Librarian
 - Local phone number: 859 257-0500, ext. 2171; long-distance phone number: (800) 828-0439 (option #6)
 - Email: dlservice@email.uky.edu
 - DL Interlibrary Loan Service: http://www.uky.edu/Libraries/libpage.php?web_id=253&lib_id=16

11. I, the instructor of record, have read and understood all of the university-level statements regarding DL.

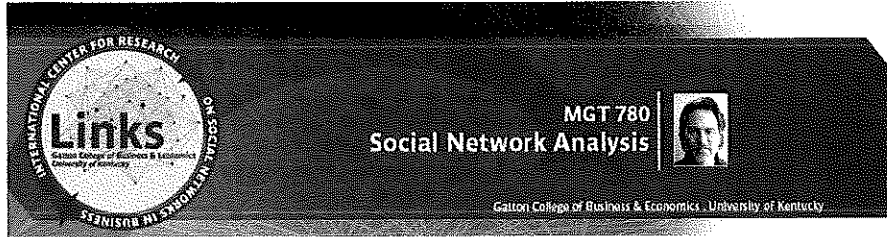
Instructor Name: Stephen Borgatti

Abbreviations: DLP = Distance Learning Programs ATG = Academic Technology Group Customer Service Center = 859-218-HELP (<http://www.uky.edu/UKIT/Help/>)

Revised 8/09

- ^[4] See comment description regarding minor course change. *Minor changes are sent directly from dean's office to Senate Council Chair.* If Chair deems the change as "r form will be sent to appropriate academic Council for normal processing and contact person is informed.
- ^[5] Courses are typically made effective for the semester following approval. No course will be made effective until all approvals are received.
- ^[6] Signature of the chair of the cross-listing department is required on the Signature Routing Log.
- ^[7] Removing a cross-listing does not drop the other course - it merely unlinks the two courses.
- ^[8] Generally, undergrad courses are developed such that one semester hr of credit represents 1 hr of classroom meeting per wk for a semester, exclusive of any lab me meeting generally represents at least two hrs per wk for a semester for 1 credit hour. (See SR 5.2.1.)
- ^[9] You must also submit the Distance Learning Form in order for the course to be considered for DL delivery.
- ^[10] In order to change a program, a program change form must also be submitted.

Submit as New Proposal Save Current Changes



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Main

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 - Tutorials
 - Pictures
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Links

- Steve Borgatti
- Analyzing Networks book
- Analytic Technologies
 - UCINET software
 - NetDraw
 - E-Net
- LINKS Center
- Related Courses
- Old class website
- Portal

Syllabus

Spring 2013 MGT 780 Social Network Analysis Fridays 2-5pm, B&E 206 https://sites.google.com/site/mgt780sna	Prof. Steve Borgatti B&E 455Y, sborgatti@uky.edu , 257-2257 Office hours by appt. or just drop by anytime
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COURSE DESCRIPTION

This is a PhD level course on social network analysis. The focus is both theoretical (e.g., what are the key concepts in analysis) and methodological (e.g., how do we actually carry out research on social networks). What the course is is social network research to date (we have a separate course for that taught by Prof. Dan Brass). The course begins with a review of a social network and a review of key concepts from the underlying mathematical field of graph theory. We then cover dyadic concepts in network analysis, such as the notion of graph-theoretic distance. Next we cover node-level concepts such as centrality and ego-network structure. Next we cover whole-network level concepts, such as network density. The course is devoted to issues of research design and methodology, including data collection and analysis techniques.

GOALS AND OUTCOMES

This is a hands-on course with the objective of teaching a student how to do a network analysis. At the end of this course, students should be able to design and implement a social network analysis research project, including analyzing the data and writing results for a journal. The key deliverable for the course is a publishable research paper.

REQUIRED MATERIALS

The textbook for this course is Wasserman and Faust, 1994 Social Network Analysis. Cambridge. This is an indispensable reference book, but difficult to read from front to back. Suggested readings from the book will be assigned, but there will be no required readings from it. All of the required readings are articles, chapters and handouts, which are given in the schedule. Links to all the readings can be found on the class website at <https://sites.google.com/site/mgt780sna>.

A new book I highly recommend is the Sage Handbook of Social Network Analysis edited by Scott and Carrington.

In addition, we will be using the UCINET software. You should download and install UCINET as soon as possible in order to avoid any problems. A free registration code will be made available to you in class (but the program will run for 60 days if you do not register).

CONTENT OUTLINE AND SCHEDULE

The topics and assignments for each week are given in the [schedule of classes](#), which can be found at this url:

- <https://sites.google.com/site/mgt780sna/schedule-of-classes>

ASSIGNMENTS AND GRADING

Grading for this course is based on just two things: (1) a research paper (worth 75% of your grade), and (2) class participation (worth 25%). There are no exams in this course.

Research Paper (75%). For the paper, you must design and implement an empirical study of social networks. While required to submit this paper to a journal for publication, it should be of publishable quality and written up in *Academy of Management Journal* format. Copies of past (successful) papers are available on the class website. The paper is due exactly one week after the last class (see the [schedule](#) for the exact date).

Class Participation (25%). I expect active participation in the classroom. My hope is that you will want to participate in discussing interesting ideas. The abilities to interact with your colleagues effectively, to contribute to a group discussion, to advocate an informed position are essential skills that will prepare you for the transition to a professional career. Your grade is based on your preparedness for class (e.g., having read the assigned reading), demonstration of a firm grasp of the material covered, a willingness to seek clarification as appropriate, and the ability to integrate concepts and multiple perspectives. I will grade your participation according to the following criteria:

- - the frequency and quality of your contributions to classroom activities
- - the frequency and quality of your answers to the case discussion questions
- - the quality of your feedback to presentations of other students
- - the assessment provided by your fellow team members of your contribution to team assignments and discussions

The correspondence between letter grades and numerical percentages is as follows:

Letter	Percentage Range
A	90 – 100%
B	80 – 89%
C	70 – 79%
F	0 – 69%

COURSE POLICIES

As a PhD course, attendance is not strictly required, but it is expected (and necessary for a good participation grade) that you appreciate being notified ahead of time if you are not going to be attending any particular class.

You have a responsibility to maintain the highest standards of academic integrity in both individual and group work with the University of Kentucky policy on academic integrity. Any instances of cheating or plagiarism will be subject to disciplinary procedures of the University. Please speak to me if you have any questions about academic integrity or any classmate's behavior. Please bring any ethical questions or concerns to me before submitting an assignment or participating in an activity (such as in-class exams and activities). Two general rules of thumb: When in doubt about using material, cite it. When in doubt about collaborating, sharing, etc., don't do it without checking with me.

If you have a documented disability that requires academic accommodations, please see me as soon as possible during my office hours. In order to receive accommodations in this course, you must provide me with a Letter of Accommodation from the Disability Resource Center (Room 2, Alumni Gym, 257-2754, email address jkarnes@email.uky.edu) for coordinating disability services available to students with disabilities.

CONTACT

The preferred way to contact me is via email (sborgatti@uky.edu). You can also try my office phone (257-2257) or my office (B&E 455Y). Office hours are by appointment only, which you can arrange by email.

Comments

You do not have permission to add comments.