

MUNRO-STASIUK, MANDY

From: LEFF, LAURA
Sent: Friday, October 10, 2014 8:52 AM
To: MUNRO-STASIUK, MANDY; HOLM, DANIEL; Javed I Khan (javedkent@gmail.com); WALKER, ROBERT
Cc: CALDWELL, HEATHER K
Subject: RE: New online MGISc: feedback requested

Hi Mandy

There is no encroachment or overlap and we don't have any BSCI courses to suggest for inclusion. I am also ccing our graduate coordinator.

LL

From: MUNRO-STASIUK, MANDY
Sent: Friday, October 10, 2014 12:35 AM
To: HOLM, DANIEL; LEFF, LAURA; Javed I Khan (javedkent@gmail.com); WALKER, ROBERT
Subject: New online MGISc: feedback requested

Hello Daniel, Laura, Javed, and Bob

I am including a summary document of a new fully online Masters in Geographic Information Science (MGISc). There are three concentrations: Cyber GIS, GIS and Public Health, and Environmental GIS. The target audience for this is professionals who already have a degree and who are out in the workplace. We are also offering a certificate which is more general but may be tailored towards these concentration areas also.

The attached document is not the full proposal but rather a summary of the program (note there are still some questions we need to address but those are the mechanics of how the program works). I am forwarding this now for you to review as we need to ensure there is no duplication of programs or encroachment. I will forward the full proposal when it is complete (probably in about a week). However, I think this is a better and more succinct summary. We are also very interested in possible additional courses that may be included in this. Let me stress though that those courses should be spatial in some way. They may also be listed as elective courses.

I am eager to hear your feedback, and ultimately I will need a statement indicating there is no encroachment or overlap. We intend to submit our full proposal on November 3rd.

Sincerely,

Mandy

Mandy Munro-Stasiuk
Professor and Chairperson
Department of Geography
Kent State University
mmunrost@kent.edu
<http://www.kent.edu/cas/geography/people/~mmunrost/>

MUNRO-STASIUK, MANDY

From: HOLM, DANIEL
Sent: Tuesday, October 28, 2014 1:06 PM
To: MUNRO-STASIUK, MANDY
Subject: Re: New online MGISc: feedback requested

Hi Mandy:

Geology has looked at this proposal draft and we find no encroachment and no overlap with our own programs. Sorry for the late response on this.

best, Daniel

From: MUNRO-STASIUK, MANDY
Sent: Friday, October 10, 2014 12:34 AM
To: HOLM, DANIEL; LEFF, LAURA; Javed I Khan (javedkent@gmail.com); WALKER, ROBERT
Subject: New online MGISc: feedback requested

Hello Daniel, Laura, Javed, and Bob

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Mandy

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Professor and Chairperson
Department of Geography
Kent State University
mmunrost@kent.edu
<http://www.kent.edu/cas/geography/people/~mmunrost/>



Check us out on Facebook

MUNRO-STASIUK, MANDY

From: WALKER, ROBERT
Sent: Tuesday, October 28, 2014 3:46 PM
To: MUNRO-STASIUK, MANDY
Cc: WALKER, ROBERT; PETI, SUSAN; HOLM, DANIEL; LEFF, LAURA; KHAN, JAVED
Subject: Re: New online MGISc: feedback requested

Mandy,

On behalf of the School of Digital Sciences, please accept this email as a preliminary statement of support for your proposed Master of Geographic Information Science and associated graduate Certificate as outlined in this summary.

I do not see any encroachment, but instead see multiple possibilities for curricular collaboration. As you are aware, your introductory GIS course has already attracted interest from DSCI students, as has your Cyber GIS class, and I suspect that some of your other new courses will be popular with our students as well. We are always happy to see courses developed in DSCI-related units that can serve as good electives for our students.

Without seeing the PDP or final proposal, I don't know if you intend to list electives outside GEOG or not, but if you do, you may want to consider adding our DSCI 64210 Data Science course if you feel that it would benefit your students.

Assuming your PDP is approved by OBR, I would like to see the final proposal, including basic data sheets for the proposed new courses. Then I will consult with our Interdisciplinary Curriculum Committee before sending a final statement of support.

- bob

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Robert A. Walker                               Director, School of Digital Sciences
rawalkel@kent.edu                             http://www.kent.edu/dsci
walker@cs.kent.edu                             Professor, Computer Science Department
236 Math & CS Building                          http://www.cs.kent.edu/~walker
330-672-9105                                    Kent State University, Kent OH 44242
=====

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On Oct 10, 2014, at 12:34 AM, "MUNRO-STASIUK, MANDY" <mmunrost@kent.edu> wrote:

Hello Daniel, Laura, Javed, and Bob

I am including a summary document of a new fully online Masters in Geographic Information Science (MGISc). There are three concentrations: Cyber GIS, GIS and Public Health, and Environmental GIS. The target audience for this is professionals who already have a degree and who are out in the workplace. We are also offering a certificate which is more general but may be tailored towards these concentration areas also.

The attached document is not the full proposal but rather a summary of the program (note there are still some questions we need to address but those are the mechanics of how the program works). I am forwarding this now for you to review as we need to ensure there is no duplication of programs or encroachment. I will forward the full proposal when it is complete (probably in about a week). However, I think this is a better and more succinct summary.

*GEOG
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Sincerely,

Mandy

Mandy Munro-Stasiuk
Professor and Chairperson
Department of Geography
Kent State University
mmunrost@kent.edu
<http://www.kent.edu/cas/geography/people/~mmunrost/>

<image001.gif>

Upload your profile picture

The Department of Geography aims to enhance the understanding of complex human-environmental interactions in a rapidly changing world through excellent research and robust learning opportunities that improve human and environmental well-being. We are especially interested in extreme events, urban environments, social justice, and the use and advancement of geospatial technologies. We offer Baccalaureate, Masters and Doctoral degrees and promote interdisciplinary partnerships at Kent State University and beyond.

<online MGISc_10_9_14.docx>

GEOG
83A

HALEY, MARY ANN

From: MUNRO-STASIUK, MANDY
Sent: Thursday, November 13, 2014 12:46 PM
To: HALEY, MARY ANN
Cc: Curtis, Jacqueline; Shook, Eric; SHERIDAN, SCOTT
Subject: FW: proposed Master of GIS & GIS Post-Bachelor's Certificate

Also attached is an update from Bob Walker...her already did not have issues but we included his Digital Sciences Course.

From: WALKER, ROBERT
Sent: Thursday, November 13, 2014 11:33 AM
To: MUNRO-STASIUK, MANDY
Cc: PETI, SUSAN; WALKER, ROBERT
Subject: proposed Master of GIS & GIS Post-Bachelor's Certificate

Mandy,

On behalf of the School of Digital Sciences, please accept this email as a statement of support for your proposed **Master of Geographic Information Science** degree and associated **Post-Baccalaureate Certificate in Geographic Information Science**.

I do not see any encroachment, but instead see multiple possibilities for synergies and curricular collaboration.

We are happy to see DSCI 64210 Data Science in your list of electives, and as you are aware, your introductory GIS course has already attracted interest from DSCI students, as has your existing Cyber GIS class. I do not see any encroachment from your proposed new classes GEOG 69007 Spatiotemporal Analytics or GEOG 69083 Geodatabases, and I also think these would be excellent electives for our students.

- bob

Robert A. Walker Director, School of Digital Sciences
rawalkei@kent.edu <http://www.kent.edu/dsci>
walker@cs.kent.edu Professor, Computer Science Department
236 Math & CS Building <http://www.cs.kent.edu/~walker>
330-672-9105 Kent State University, Kent OH 44242

Asst Director, Curriculum & Operations: Susan Peti <speti@kent.edu>

GEOG
838

HALEY, MARY ANN

From: MUNRO-STASIUK, MANDY
Sent: Thursday, November 13, 2014 12:42 PM
To: HALEY, MARY ANN
Cc: Curtis, Jacqueline; Shook, Eric; SHERIDAN, SCOTT
Subject: FW: Update on Master of GIS degree and request for support

FYI,

We will definitely include at least one of these courses as an elective also. I'll make the change once I've consulted with the other faculty

From: KHAN, JAVED
Sent: Wednesday, November 12, 2014 8:56 PM
To: MUNRO-STASIUK, MANDY
Cc: javed@cs.kent.edu; javedmailstore@gmail.com
Subject: RE: Update on Master of GIS degree and request for support

Dear Mandy,

- (a) Thanks for the detailed documents. The updates have removed all our overlap concerns.
- (b) Also, one again our faculty are excited about collaboration. You might consider two courses CS 69995 Mobile Computing, CS 69995 Big Data for the program (they will get permanent number very soon). Another course to consider- given the topic surely be basic Database. But we don't have online readiness for those. But, if there are good enrollment that will create incentive to offer online sections of each.
- (c) Among the online ready ones, you may consider two: CS 61002 ALGORITHMS AND PROGRAMMING I, and CS 61003 ALGORITHMS AND PROGRAMMING II. These are targeted for interdisciplinary graduate students possibly fitting your target. The first covers basics of computer programming and the second one teaches algorithm design. Where to start depends on the initial background of the student in terms of familiarity with computing. We are scheduled to offer those online – the first one beginning Spring 2015. Let me know if you like more information about them.

Regards,

-Javed.

From: MUNRO-STASIUK, MANDY
Sent: Sunday, November 09, 2014 5:55 PM
To: KHAN, JAVED
Subject: Update on Master of GIS degree and request for support
Importance: High

Dear Javed,

I have enclosed the final full proposal for our online Master of GIS, the Catalog copy for the degree, and the course descriptions for the "new" courses in the degree. CyberGIS is technically not new, we are simply converting it from a 4/5/7 course to a graduate only course. At this time we have eliminated any courses that deal with Social Media and Big

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Data, but I think this is an area we can collaborate on in the future in terms of curriculum, since our faculty are already collaborating on research in that area. We have also at this time eliminated the Web and Mobile GIS course for the degree (though the course is already on our books). We eliminated it from this degree for practical reasons at this time. It is a 4/5/7 course and if we include it, it tips the scales and throws the program out of compliance with the "at least 50% of the courses being at the graduate level only (60000)" rule.

I hope you agree that what we are proposing does not encroach on Computer Science. We truly welcome collaboration and the addition of new courses as electives. We would especially welcome including your 60000 level programming course, but it would have to be developed online for this program. I hope we can talk about this for future revisions of this degree. At this point in time, I am submitting all paperwork for this new degree. If I wait to submit any longer, I risk not getting it approved for offering it in the Fall of 2015.

I hope you can agree to endorse this program with a statement indicating there is no encroachment.

Thanks in advance.

Mandy

GEOG
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D



Information Technology Services

Brian D. Kelley
CIO

Brenda Cumpston
Manager

Janet Esposito
Administrator

October 17, 2014

Dear Dr. Munro-Stasiuk:

As a Geographic Information Systems Professional (GISP) and GIS Manager for Portage County, Ohio, I look forward to the beginning of a Master of Geographic Information Science (MGISc) and a Certificate in Geographic Information Science (C-GISc) in the Department of Geography at Kent State University. My field relies on a highly-trained workforce with skills in Geographic Information Systems (GIS) and there is certainly a need for more and improved education in this area. I believe that the proposed programs are well-suited to the needs of the workforce in GIS.

As GIS Manager for Portage County, Ohio, I would like to support these programs in the following ways:

- Serving as a member of your Advisory Board
- Raising awareness of the MGISc and C-GISc with my professional network of GIS Managers and GIS Professionals
- Providing MGISc students with assistance in developing projects for their practicum experience

If I can be of assistance in other ways as well, please do not hesitate to get in touch. I look forward to these new programs coming online and to working with you in the future.

Warm regards,

Joe Reichlin, GISP
GIS Manager

A handwritten signature in black ink, appearing to read "Joe Reichlin", written over the typed name.



WWW.CO.PORTAGE.OH.US

GEORG
84



Information Technology Services

Brian D. Kelley
CIO

Brenda Cumpston
Manager

Janet Esposito
Administrator

October 17, 2014

Dr. Mandy Munro-Stasiuk, Chair
Department of Geography
Kent State University
#413 McGilvrey Hall
Kent, OH 44242

Dear Dr. Munro-Stasiuk:


As Chief Information Officer (CIO) for Portage County, Ohio, I am pleased to hear that the Department of Geography at Kent State University is beginning a Master of Geographic Information Science (MGISc) and a Certificate in Geographic Information Science (C-GISc). We rely on employees with skills in Geographic Information Systems (GIS) and knowledge of geospatial technologies to effectively manage all levels and departments of government. I look forward to having students with this specialized training entering the workforce.

As CIO for Portage County, Ohio, I would like to partner with you in this effort in the following ways:

- Serving as a member of your Advisory Board
- Raising awareness of the MGISc and C-GISc with relevant government employees
- Providing MGISc students with assistance in developing projects for their practicum experience

Of course, if you think of additional areas where I can be helpful, please do not hesitate to contact me. Once again, I am excited about the future of these new programs and the highly-skilled geospatial technology professionals they will create.

Warm regards,


Brian D. Kelley
Chief Information Officer



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GEOG
85

November 8, 2013

Dr. Mandy Munro-Stasiuk
Department of Geography
Kent State University
413 McGilvrey Hall

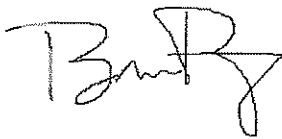
Dear Dr. Munro-Stasiuk,

I am excited to express my support for the proposed Masters of Geographic Information Systems (GIS) degree program at Kent State University's Department of Geography.

For the past 10 years, I have been a GIS specialist with the Ohio Department of Natural Resources. I have experienced first-hand the real-world demands and expectations placed on individuals in this field. The responsibilities of my position are wide ranging and include mapmaking, conducting geospatial analyses, spatial data development, data management, server-related web mapping and field collection. I believe that the curriculum of such an advanced degree in GIS and geospatial technologies will greatly expand students' knowledge in this ever-evolving field. Most importantly, I believe that the completion of this degree will broaden career opportunities and beneficially position graduates to excel in the professional world.

I believe that the creation of this degree program is a prime example of the Department of Geography's continual growth and demonstrates a commitment to students. As a certified GIS Professional and proud alumni of Kent State University's Department of Geography (B.A. 2001, M.A. 2003), I fully support the Masters of Geographic Information Systems (GIS) program.

Sincerely,



Brian D. George, M.A., GISP
GIMS Specialist, Ohio Department of Natural Resources
Kent State University, Department of Geography Alumni

GEORGE
8/6

THE DAVEY TREE EXPERT COMPANY

CORPORATE OFFICE, 1600 N. MANTUA ST., P.O. BOX 5193, KENT, OHIO 44240-5193
TEL 330-673-0511



KARL J. WARNKE, CHAIRMAN, PRESIDENT & C.E.O.

Friday, October 31, 2014

Dear Dr. Munro-Stasiuk:

The Davey Tree Expert Company is pleased to hear that the Department of Geography at Kent State University is beginning a Master of Geographic Information Science (MGISc). In our research division at The Davey Institute, we rely on employees with skills in this area on a daily basis in the following areas:

- Soft copy digitizing
- Remote Sensing interpretation
- Cartographic production
- Spatial data construction and maintenance
- Spatial Analysis
- GIS Programming
- Web-GIS

We look forward to having students with this specialized training entering the workforce.

Davey Tree would like to partner with you in this effort in the following ways:

- Raising awareness of the MGISc with relevant employees in our company.
- When able, contributing to an annual meeting with faculty on "the state of the industry" to ensure that course materials and broader program framework remain appropriate for the job market.

Of course, if you think of additional areas where we can be helpful, please do not hesitate to contact me. Once again, we are excited about the future of this new program and the highly-skilled technology professionals it will create.

Sincerely,

Michael R. Binkley
Manager, Technology Development
The Davey Institute, a division of:
The Davey Tree Expert Company
mbinkley@davey.com

DAVEY 
The Davey Institute

GEOG
87



United States Department of the Interior

NATIONAL PARK SERVICE
Cuyahoga Valley National Park
15610 Vaughn Road
Brecksville, Ohio 44141-3097

IN REPLY REFER TO:

October 29, 2014

Mandy Munro-Stasiuk, Ph.D.
Professor and Chairperson
Department of Geography
Kent State University

Dear Dr. Munro-Stasiuk:

The Cuyahoga National Park is pleased to hear that the Department of Geography at Kent State University is beginning a Master of Geographic Information Science (MGISc). We, in the National Park Service (NPS), rely on employees with skills in this area to manage a great wealth of spatial data for every aspect of park management, from protection, monitoring and management of natural and cultural resources, to understanding visitor use patterns, siting of facilities, law enforcement, and response to natural disasters. We look forward to having individuals with this specialized training entering the workforce, and individuals that have GIS skills at the Master's level would be very competitive for NPS positions across the country.

We would like to partner with you in this effort in the following ways:

- We will raise awareness of the MGISc with relevant employees in the National Park Service
- We will provide MGISc students with capstone professional projects when appropriate
- We will contribute to an annual meeting with faculty on "the state of the industry" to ensure that course materials and broader program framework remain appropriate for the job market

Of course, as an established partner with Kent State University, we stand ready to assist in any additional areas where we can be helpful. We are excited about the future of this new program and the highly-skilled technology professionals it will create. We look forward to being a partner in this effort.

Sincerely,

TKV Craig Kenkel
Superintendent

GEOG
88



Association of American Geographers

1710 Sixteenth Street Northwest
Washington, DC 20009-3198
Voice 202-234-1450
Fax 202-234-2744
gaia@aag.org
http://www.aag.org

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Arizona State University

Executive Director

Douglas Richardson

November 13, 2014

Prof. Mandy Munro-Stasiuk
Professor and Chairperson
Department of Geography
Kent State University
Kent, OH 44242

Dear Dr. Munro-Stasiuk:

The Association of American Geographers (AAG) is pleased to learn that the Department of Geography at Kent State University is planning to launch a Master of Geographic Information Science (MGISc).

As the lead academic membership association representing the field of Geography, we are well aware that this sub-area of Geography is one of the fastest growing nationally. We are pleased that the Kent State University Department of Geography is developing this online program, which reflects a growing trend in academic institutions who are aiming to equip future graduates with the kinds of skills and knowledge that are increasingly sought after by employers in all sectors: academic, public, private and non-governmental.

We are excited and hopeful about the future of this new program and the highly-skilled professionals it will create.

Sincerely,

Douglas Richardson
Executive Director



Dr. Mandy Munro-Stasiuk, Chairperson
Department of Geography
Kent State University
413 McGilvrey Hall
330-672-2045

February 12, 2015

Dear Professor Munro-Stasiuk,

On behalf of Esri founder and president Jack Dangermond, I'm pleased to offer this letter of support for the proposed new Master of Geographic Information Science (MGISc) to be offered by Kent State's Department of Geography. As lead of Esri's education outreach team and a longstanding faculty member at Penn State University, I'm familiar with workforce needs in the Geospatial Technology Industry and with many of the practice-oriented education offerings that colleges and universities provide to meet workforce needs.

The geospatial education market is now highly competitive, including a considerable number of quality certificate and degree programs conducted online. However, the thoughtful and thorough responses that Professor Shook provided in response to my questions about the proposed MGISc program convince me that it is well conceived, is likely to be well supported by the university, and therefore has a good chance to compete successfully.

If the proposed program is approved, my team will promote it through our extensive social media channels.

I'd also encourage Kent State to consider advertising the program in Esri's publication *ArcNews*, which reaches some 650,000 subscribers. An education discount is available. I'd also be happy to discuss the possibility of publishing a "thought leadership" article by one of your program faculty members in a future issue of *ArcNews*.

Participation in the annual Esri Education GIS Conference and the Academic Program Fair and GIS Solutions EXPO at the annual Esri User Conference may also be worthwhile. Kent State's Esri education site license includes complimentary registrations to both the EduC and the UC.

In addition, we are willing to brief program faculty members – in person or via web conference – about the ongoing evolution of Esri's ArcGIS platform and its implications for the MGISc curriculum. Furthermore I'd welcome the opportunity to visit Kent State, present a colloquium talk, and meet personally with students and faculty members if that would be helpful.

MGISc students and graduates should be well prepared to submit competitive applications for Esri assistantships, internships, and career opportunities (<http://www.esri.com/careers/main/student-jobs>).

Finally, I encourage the MGIS program faculty to consider applying for Esri Development Center status, a program that acknowledges and supports university-based centers that challenge students to design and build geo-enabled applications on the ArcGIS platform. The EDC designation provides additional benefits to site licensees, including an annual student award and complimentary registrations to Esri's International Developers Summit.

I thank you and Professor Shook for the opportunity to learn about the MGISc program, and for Kent State's contribution to the geospatial education community.

Sincerely yours,



David DiBiase
Director of Education, Industry Solutions