



The University of Georgia

Franklin College of Arts And Sciences

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USA

October 19, 2015

Dr. Pamela Whitten
Senior Vice President for Academic Affairs and Provost
University of Georgia
203 Administration Building
Athens, Georgia, 30602-1651

Dear Provost Whitten,

The Franklin College of Arts and Sciences supports the creation of a **Graduate Certificate of Urban and Metropolitan Studies**, submitted by Dr. Steven Holloway, Dr. Hilda Kurtz, Dr. Jerry Shannon, Dr. Stephen Ramos, and Dr. Andrew Carswell. This certificate program will bolster UGA's offerings in the dynamic field of Urban Studies by drawing together currently disparate units across campus that focus on the multi-faceted dynamics that shape the cities, suburbs, and exurbs of metropolitan areas, along with the spaces that link them together. The certificate will appeal to graduate students across a wide array of majors who are interested in learning about contemporary urbanization processes and the relationships between people, space and the environment. Given the growing global significance of urbanization, the certificate will provide a solid academic foundation to students who seek careers in government, business and finance, the nonprofit sector, real estate, law, architecture, education, medicine, and health, as well as the planning and design disciplines.

The Certificate will be administratively housed in Geography, and its first Director will be Dr. Steven R. Holloway, a senior faculty member with an international research reputation and co-author of Urban Geography, the leading textbook in its field. The courses required for the certificate are already taught on a regular basis and no substantial additional resources are required to implement the program.

We look forward to establishing what promises to be a timely and important new program.

Sincerely,

Steven R. Holloway
Department of Geography

Alan Dorsey, Dean
Franklin College of Arts & Sciences



Thomas L. Mote, Head
Department of Geography



Jody Clay-Warner, Head
Department of Sociology



Claudio Saunt, Head
Department of History



The University of Georgia®

College of Environment and Design

October 26, 2015

Dr. Pamela Whitten
Senior Vice President for Academic Affairs and Provost
University of Georgia
203 Administration Building
Athens, Georgia, 30602-1651

Dear Provost Whitten,

The College of Environment and Design (CED) is in complete support of the **Graduate Certificate of Metropolitan and Urban Studies**, submitted by Dr. Steven Holloway, Dr. Hilda Kurtz, Dr. Jerry Shannon, Dr. Stephen Ramos, and Dr. Andrew Carswell. The program will draw students from all of CED's professional graduate programs: Master of Landscape Architecture (MLA), Master of Historic Preservation (MHP), and Master of Environmental Planning and Design (MEPD). The certificate program will particularly create a strong linkage to our planning program, which explains Dr. Ramos' great interest in its development.

It is also very timely, because the world has become more than 50% urban during the last few years. The program will provide an important forum for University of Georgia graduate students from various backgrounds to discuss the problems and opportunities created by those significant demographic shifts from their own disciplinary perspectives.

CED promises its full cooperation as this important certificate program develops over the next several years.

Best regards,

Daniel J. Nadenicek, Dean and
Draper Chair in Landscape Architecture



The University of Georgia®

College of Family & Consumer Sciences
Office of the Dean

Linda Kirk Fox
Dean

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October 23, 2015

Dr. Pamela Whitten
Senior Vice President for Academic Affairs and Provost
University of Georgia
203 Administration Building
Athens, Georgia, 30602-1651

Dear Provost Whitten,

The Department of Financial Planning, Housing and Consumer Economics (FHCE) and the College of Family and Consumer Sciences (FACS) support the development of a Graduate Certificate of Urban and Metropolitan Studies. This proposal will be submitted by Dr. Steven Holloway, Dr. Hilda Kurtz, Dr. Jerry Shannon, Dr. Stephen Ramos, and Dr. Andrew Carswell. The Certificate will be administratively housed in Geography, directed by Dr. Steven Holloway, Professor in Geography.

The Urban and Metropolitan certificate program will teach students about the relationships between people, space and the environment. Students graduating with this certificate will be qualified for careers in real estate, government, business and finance, the nonprofit sector, architecture, and planning and design. We are confident this certificate will appeal to graduate students majoring in Consumer Economics and Housing as well as from other majors across campus.

The FHCE courses listed as electives for the certificate, FHCE 6310 Housing Policy, FHCE 6340S Housing and Community Development, FHCE 7310 Managing Nonprofit and Special Community Housing, and FHCE 6300 Advanced Housing Theory, are already taught on a regular basis and no substantial additional resources are required to implement the program. We look forward to being a part of this new certificate.

Sincerely,

Sheri Worthy, Professor and Head
Department of Financial Planning, Housing &
Consumer Economics

Linda Kirk Fox, Dean
College of Family and Consumer Sciences



The University of Georgia

Terry College of Business
Office of the Dean

335 Brooks Hall
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Benjamin C. Ayers, *Dean*
Earl Davis Chair in Taxation

October 23, 2015

Provost Pamela Whitten
Office of the Senior Vice President for Academic Affairs and Provost
University of Georgia
203 Administration Building
Athens, Georgia 30602-1561

Dear Pam,

The Real Estate Program in the Terry College of Business supports the inclusion of REAL 7100 (Real Estate) as one of the electives for the proposed Graduate Certificate of Urban and Metropolitan Studies, submitted by Steven Holloway, Hilda Kurtz, Jerry Shannon, Stephen Ramos, and Andrew Carswell. This course focuses on issues related to property rights, urban and regional economics, market analysis, and brokerage, with an emphasis on decisions related to investment, asset management, and debt financing. Given the goal of the certificate, a course in real estate would be an asset to its program of study.

Sincerely,

Benjamin C. Ayers

Henry Munneke
Department of INS/LS/RE, Real Estate Program

/abg

OUTLINE FOR AN INTERDISCIPLINARY CERTIFICATE PROGRAM

I. Basic Information

1. Institution **University of Georgia** Date **October 23, 2015**
2. School/College **Franklin College of Arts and Sciences**
3. Department/Division **Department of Geography**
4. Certificate Title (as it will appear in the *Bulletin*) **Urban and Metropolitan Studies**
5. Level (undergraduate or graduate) **Graduate**
6. Proposed starting date for program **Fall 2016**
7. Abstract of the program for the University Council's agenda:

Provide a one or two page summary of the proposed program that includes an overview and highlights of the response to the criteria in Section II.

The purpose of this certificate program is to combine interdisciplinary academic approaches with real world experiences to enable students to develop expertise in how cities and their metropolitan areas are built, change over time and impact both residents and their environments.

The Certificate in Urban and Metropolitan Studies will bolster UGA's offerings in the dynamic and growing field of Urban Studies by bringing together units on campus that focus on the multi-faceted urbanization dynamics that shape the cities, suburbs and exurbs of metropolitan areas, along with the spaces that link them together into dynamic megapolitan regions.

The Certificate will appeal to graduate students who are interested in learning why people live in cities, suburbs and exurban areas and the interrelationships between natural environment and urban form and behavior. This topic is especially salient for students interested in the very rapid urban growth experienced throughout the Southeast, including Georgia. Students will exit the program understanding the concrete steps that address seemingly intractable problems like urban poverty, growing inequality and homelessness, environmental degradation, financing of aging urban infrastructure and uneven access to quality education.

Given the global significance of urbanization, a certificate in Urban and Metropolitan Studies opens several career paths: government, business and finance, the nonprofit

sector, real estate, law, architecture, education, medicine and health as well as arts and design. This certificate will provide students with a combination of domain expertise and practical skills in high demand in both the public and private sector. The Certificate will also provide specialized academic training for graduate and professional students pursuing a wide range of degree and professional objectives.

Applicants to the certificate program must be degree-seeking University of Georgia students and will be required to satisfy the requirements of their chosen degree objective in addition to earning the certificate. Once students meet all of the requirements for the certificate, the Director of the certificate program will notify the Graduate School in order to place the Certificate of Urban and Metropolitan Studies on the student's transcript.

No additional costs will be incurred in creating the Certificate in Urban and Metropolitan Studies. All of the necessary courses either already exists are on their way toward approval through the CAPA system. Because UGA already employs high-quality faculty from a range of disciplines who cross-cut urban and metropolitan studies, there will be no need to hire new faculty to start the program and administration can be adequately carried out by these faculty members. The UGA library maintains adequate holdings, and with the addition of other on-line resources there are sufficient materials to support the program. There are adequate physical facilities to initiate and maintain the certificate program.

8. Submit letters of support from the various academic unit heads involved in developing the program initiative or whose support is vital to its success.

SIGNATURES:



Department Head

Dean of School/College

II. Response to the Criteria for All Programs

The criteria that proposed new programs are expected to meet in order to be approved and implemented within the University of Georgia are listed below. Please provide sufficient explanation as to how the proposed program satisfies each criterion.

1. *The purpose and educational objectives of the program must be clearly stated, and must be consistent with the role, scope, and long-range development plan of the institution.*
 - A. State the purpose and educational objectives of the program and explain how the program complements the role, scope, and long-range development plan of the institution.

The Certificate in Urban and Metropolitan Studies at UGA will combine interdisciplinary academic training with real-world experiential learning opportunities to understand how cities and their metropolitan areas are built, change over time and impact both residents and their environments. **The purpose of the certificate program is to** provide students with a broad, interdisciplinary grounding in conceptual frameworks related to cities, urbanization and metropolitan dynamics. The program will combine academic with experiential learning in a range of settings. Urban Studies is by definition interdisciplinary, and the certificate program will foster cross-fertilization among departments and colleges, including history, housing, criminology, sociology, planning, and geography.

The proposed Urban and Metropolitan Studies Certificate Program will help position UGA to fill a need in Urban Studies nationally by engaging with settings shaped by urbanization processes outside of the downtown sections of large cities, including small and moderately sized cities and their metropolitan areas. In the Southeast, urbanization has been a very rapid process that has had very significant impacts on the economies and ecologies of states throughout the region. In particular, ribbon-like urbanization now connects what were once separate urban places into new and rapidly growing conurbations. Programs that focus on the range of Urban and Metropolitan contexts are necessary to prepare students for the challenges of today and the future. Cities and metropolitan areas play an increasingly important role in political, economic and social life, and are vitally important and richly complex objects of study in their own right. Many career paths are strengthened by a solid grounding in the geographical phenomena associated with historical and contemporary urbanization; students in the certificate program will develop competencies in critical analysis of such issues as metropolitan fragmentation, financial and housing crises, gentrification, suburbanization, and suburban immigrant destinations, to name a few.

Presently, 6 departments in 4 colleges offer graduate-level courses related to cities/urbanization/metropolitan areas, yet **students with an interest in a career in this area have no formal mechanism for engaging the topic in depth**, or for exploring related course opportunities outside their discipline. The result is that students often fail to get the “big picture” when it comes to solving problems related to cities and metropolitan areas. Those who do take significant coursework within or outside their discipline to pursue this interest receive no institutional recognition for coursework taken. The proposed certificate program will provide a formal mechanism that better credentials UGA students to take on some of the many challenges caught up in urbanization and metropolitan change.

Because the rapid urban growth of the Southeastern U.S. is projected to have a transformative impact on resources, economic dynamics and political structures, training students who are prepared to make valuable contributions to society through their knowledge of cities and metropolitan areas is a significant contribution to the region’s future growth. Ultimately, one of the main objectives of the program will be to help students learn how to transform knowledge about cities and urbanization processes into urban practice in ways that provide solutions to explicitly urban problems. **The objectives of the proposed program are to** a) merge theoretical understandings of urbanization with the practical skills needed to analyze specific municipalities; b) understand the structural forces shaping urban communities, with attention to the role of planning and economic networks; c) foster expertise in techniques ranging from geospatial analysis to ethnographic field research; and d) equip students across many disciplines to focus their thesis/dissertation research upon urban (and urbanizing) places. Training students with these objectives in mind, as well as offering several opportunities for experiential learning, will provide students with the knowledge and expertise needed to more effectively work for healthier and stronger cities both in the United States and abroad. Moreover, graduate research will be more relevant to urban communities and will strengthen graduate students for entry into the workforce, where most of their jobs will be located in urban and urbanizing places.

Meeting these goals will help equip UGA students and graduates for career paths and/or complement graduate study in fields impacted by urban and metropolitan processes. These might include urban planning, the non-profit sector, real estate, law, architecture and urban design, business and finance, education, government, medicine and health as well as arts and design.

This proposal is consistent with the long-range development plan for participating departments, colleges, and university as a whole. The Urban and Metropolitan

Studies Certificate Program dovetails with the emphasis of the University Strategic Plan 2020, which calls for educating students to be “critical thinkers, problem solvers, and good collaborators who recognize the value of the opinions, ideas, and experiences of their colleagues” (UGA 2012:4-5). The certificate program’s interdisciplinarity and attention to experiential learning position it well to “to encourage students to discover connections among disciplines, to connect their knowledge with choices and actions, to generate questions and solutions regarding real life challenges, and to demonstrate a deeper understanding of complex problems and problem-solving through reflection and research” (UGA 2012:5).

In short, as a **foundational credential in urban studies**, the certificate program will position students to play meaningful roles in understanding the causes and ramifications of urbanization, the planning of cities and how policy implementation occurs in cities both within the State of Georgia but also the world over.

- B. Describe the interdisciplinary nature of the proposed program. Which school(s) or college(s) and department(s) will be involved in the development of the program? Describe the expected stage of development for this program within five years.

The certificate program requires students to take courses from at least two units. In addition, elective courses can be drawn from five units in three colleges. The diffused nature of urban-oriented course offerings to date both helps explain why, as of yet, UGA lacks a focused urban studies program, and underscores the important opportunities to foster interdisciplinary urban-focused dialog centered on instruction, research, and service at UGA. Several participating departments have significant coursework related to urban issues. This includes Financial Planning, Housing, and Consumer Economics, which has courses and programs focused on urban housing issues. The College of Environment and Design already offers a graduate degree in Environmental Planning and Design. Several of these courses are open to students in other departments and address substantial urban themes. In addition to providing an essential credential for students pursuing traditional academically-oriented degree objectives, a graduate-level certificate in Urban and Metropolitan Studies will provide an ideal supplemental academic credential for students pursuing graduate-level professional training in Planning, Public Administration or any of several design-related disciplines. The certificate program does not offer specialized professional training. Other departments offering urban-themed courses include Sociology, whose related Criminal Justice program offers courses focused specifically on urban policing and crime policy, and History, who offers several courses related to global cities. Geography, the home of this certificate, has made a concerted effort to increase its own course offerings on a range of urban issues, and urban geography has historically been one of the major

subfields within the discipline. Through collaboration and program development, we also hope that the certificate will spur more departments across campus to offer courses relevant to the certificate. Over the next five years, we will collaboratively identify additional courses that expand the range of course offerings.

2. *There must be a demonstrated and well-documented need for the program.*

A. Explain why this program is necessary.

Two trends illuminate the need for the Certificate in Urban and Metropolitan Studies at UGA. First, student interest in the nature of and issues pertaining to urban and metropolitan places has steadily increased over the last several decades. Numerical support for this claim is provided in section 3 below. In addition, students seeking graduate and professional training at the University of Georgia increasing come from, and will settle in, urban and metropolitan areas.

B. In addition, provide the following information:

- 1) Semester/Year of Program Initiation: **Fall 2016**
- 2) Semester/Year Full Implementation of Program: **Spring 2017**
- 3) Semester/Year First Certificates will be awarded: **Spring 2017**
- 4) Annual Number of Graduates expected (once the program is established): **10-15**
- 5) Projected Future Trends for number of students enrolled in the program:

Because UGA's course offerings in urban studies-related content are rich, but diffused across colleges and unites, the catalytic impact of this program is projected to be significant. We anticipate that in ten years, we will have an average of 15-20 students completing certificate requirements in a given year, with 30-40 students actively enrolled each year.

3. *There must be substantial evidence that student demand for the program will be sufficient to sustain reasonable enrollments in the program.*

A. Provide documentation of the student interest in the program, and define what a reasonable level of enrollment is for a program of this type. Provide evidence that student demand will be sufficient to sustain reasonable enrollments.

We administered an online survey to current students enrolled in graduate and professional programs at UGA. Out of 34 responses, 26 indicate that they are "Very Interested" (18) or "Interested" (8) in the program, and an additional 5 would be interested with additional information. Students' degree objectives range from Environmental Planning and Design, Geography, Historic Preservation, Landscape Architecture, Public Administration and Policy, and Integrative Conservation. Anonymous student comments include affirmations of enthusiasm; *"I would have been very interested in this sort of field," "PLEASE offer this!," "Great!,"* and *"While it may not work for me to get the certificate at this point, I think it's a great idea. It sounds useful and like a good fit for a lot of work students are already doing across disciplines at this University."*

The Certificate can be sustained by 15-20 enrolled students, with about half graduating each academic year. Given that the majority of courses listed as Core Requirements or Electives are already being taught on a regular basis, we do not anticipate enrollment difficulties.

B. In addition, provide the following information:

To what extent will minority student enrollments be greater than, less than, or equivalent to the proportion of minority students in the total student body?

We anticipate that minority student enrollment in the Urban and Metropolitan Studies Certificate Program will match and perhaps exceed that of the participating units. Faculty research programs and course topics include many issues that directly affect socially marginalized populations (economic/racial segregation, uneven patterns of urban development, inequitable exposure to hazards, etc.), and so we will strive to have higher than average enrollment from those groups as a result. One course, GEOG 6631, is in the process of being cross-listed by African American Studies.

4. *The design and curriculum of the program must be consistent with appropriate disciplinary standards and accepted practice.*

Provide the following information:

- A. Present a detailed curriculum outline of the program listing specific course requirements (to include programs of study, course prefix, number, and title).

Total required credits: 12

Required core courses, 6 credits:

Geography will offer GEOG8630 (Seminar in Urban Geography) at least once per year and will offer at least one 66xx course each academic year. All courses listed below are 3 credits unless otherwise indicated -- primary instructor is indicated in parentheses. Some courses have pre-requisite requirements not listed – please consult the UGA Bulletin for details. There are additional urban-title or themed courses listed in the UGA Bulletin, but have not been recently taught. If these courses are revived, we will be happy to add them to the list of electives. Students are encouraged to petition the Director of the program for course substitutions. The program Director and Steering Committee will seek to expand this list of courses as new courses are developed across campus and in case we are currently unaware of potentially relevant courses. UGA Faculty from any unit will be encouraged to request that their courses be included, contingent upon approval by the Steering Committee.

- GEOG8630 Seminar in Urban Geography (Kurtz, Holloway, Rice, Heynen)
- One of the following courses :
 - GEOG6630, Advanced Urban Geography, (Heynen, Kurtz)
 - GEOG6631, Race, Inequality, and the American City (Holloway)
 - GEOG6632, Urban Social Movements (Heynen)
 - GEOG6633, Urban Political Ecology (Heynen)
 - GEOG6635, Cities and Film, in development (Barkan, Holloway, Kurtz)

Electives, 6 credits (at least one course must be from outside Geography):

- No more than one additional course from the GEOG66xx sequence listed above, and no more than 3 total Geography courses
- Upon approval by the Program Director, no more than one instance (3 credit maximum) of ONE of the following may be used:
 - 6xxx-level or higher discipline-specific independent or directed readings

- Internship (for graduate credit)
- At least one elective should open only to graduate students -- 8xxx-level seminars can count upon approval by the Program Director when their topic and focus is substantially urban and fits with the student's academic and professional objectives. Multiple instances of GEOG8630 can count upon approval when the instructor and topic substantially differ.
- EDES6270/E, Environmental Design Uses of Geographic Information Systems (Rivero)
- EDES6640, History of Urban Planning (Ramos)
- EDES(PLAN)6650, City Planning (Ramos)
- FHCE6300, Advanced Housing Theories (Carswell)
- FHCE6310, Housing Policy (Carswell)
- FHCE6340S, Housing & Community Development (Skobba & Tinsley)
- FHCE7310, Managing Nonprofit and Special Community Housing (Skobba)
- GEOG6160, Applied Climatology in the Urban Environment (Shepherd)
- GEOG6380, Transportation GIS (Yao)
- GEOG6385, Community GIS, undergoing review (J. Shannon)
- GEOG6890, Athens Urban Food Collective (Kurtz, Heynen, & Trauger)
- LAND6120, Designing Healthy Places (Wasserman)
- PLAN6420, Urban Design (Yilmaz)
- PLAN6430, Urban Infrastructure (Crowley)
- PLAN6520(4 hours), Environmental Planning Studio I (Crowley, Rivera)
- PLAN6540(4 hours), Environmental Planning Studio II (Crowley, Yilmaz)
- PLAN6560(4 hours), Environmental Planning Studio III (Yilmaz)
- REAL7100, Real Estate
- SOCI6470, Deviance and Social Control (Cooney)
- SOCI8820, Communities and Crime (S. Shannon, T. McNulty)

These courses are grouped into several suggested themes for students (students may design their own themes in consultation with their advisor):

- Culture, Society, and Politics: FHCE6300, GEOG6631, GEOG6632, GEOG6635, GEOG8630, SOCI6470, SOCI8820
- Policy and Planning: EDES6640, EDES6650, FHCE6310, FHCE6340S, GEOG6631, PLAN6420, PLAN6430, PLAN6520, PLAN6540, PLAN6560, LAND6120
- Cities and Nature: GEOG6160, GEOG6633, GEOG6890
- Community Engagement: FHCE4340S, GEOG4385, GEOG4632, GEOG4890
- Urban & Community GIS: EDES6270/E, GEOG6380, GEOG6385

- B. Identify which aspects of the proposed curriculum already exist and which constitute new courses.

Most of the courses listed as Core or Elective requirements for the certificate already exist and are either taught regularly or have been taught in the recent past. GEOG6385 (Community GIS) is currently in the curriculum review process, and GEOG6635 (City in Film) is a new course to be proposed during Fall 2015.

- C. Identify model programs, accepted disciplinary standards, and accepted curricular practices against which the proposed program could be judged. Evaluate the extent to which the proposed curriculum is consistent with these external points of reference and provide a rationale for significant inconsistencies and differences that may exist.

Several prominent peer and aspirational institutions offer urban and metropolitan studies *certificate* programs (see table below). Many more offer fully developed graduate degree programs. Our lower credit hour requirement reflects the early stages of our program development and is in line with other certificates offered at UGA, many of which require 12 or 15 credit hours.

<i>Institution</i>	<i>Undergrad/ Grad</i>	<i>Administrative Home/Unit</i>
Northeastern University	G	School of Public Policy and Urban Affairs
University of Pennsylvania	G	Urban Studies Program
Washington University in St Louis	G	Center on Urban Research and Public Policy
Simon Fraser (Canada)	G	Urban Studies

Many more colleges and universities offer undergraduate minors or majors focused on urban studies, including Cleveland State University, Fordham, Minnesota State-Mankato, MIT, Portland State University, Queens College, Temple, University of New Orleans, University of Texas-Arlington, University of Wisconsin-Milwaukee, Virginia Commonwealth University, and Simon Fraser University, among others.

- D. If program accreditation is available, provide an analysis of the ability of the program to satisfy the curricular standards of such specialized accreditation.

Formal accreditation is not available, but we intend to enroll UGA as an institutional member of the Urban Affairs Association (UAA) with this certificate program serving as the central contact for the University.

5. *Faculty resources must be adequate to support an effective program.*

A. Define the size, experience, and specializations of the full-time faculty needed to support an effective program. Identify the extent to which such faculty resources currently exist at the institution, and what additions to the faculty will be needed to fully implement the program. Specify how many full-time faculty will provide direct instructional support to this program.

Sufficient faculty expertise currently exists at UGA to support this certificate – no additional faculty will be necessary to successfully implement the proposed Certificate program. A successful and effective Certificate program can be supported by as few as 5 full-time faculty.

B. In addition, for each faculty member directly involved in this program, list:

1) Name, rank, degrees, academic specialty, educational background

<i>Name</i>	<i>Rank</i>	<i>Degree</i>	<i>Academic Specialty</i>	<i>Educational Background</i>
Steven R. Holloway	Professor	Ph.D.	Urban geography, race & inequality, segregation, neighborhood change	Urban Geography, Demography, Sociology
Hilda Kurtz	Associate Professor	Ph.D.	Urban geography, race and racialization, food politics	Human Geography
Jerry Shannon	Assistant Professor	Ph.D.	Food access and food security, health and neighborhood design, community engaged research	Human Geography/GIS
Jennifer Rice	Assistant Professor	Ph.D.	Political ecology, climate, urban development	Human Geography
Nik Heynen	Professor	Ph.D.	Urban political ecology, food systems	Human Geography

Joshua E. Barkan	Associate Professor	Ph.D.	Critical social theory; Legal studies; Historical Geography of Capitalism	American Studies
Andrew Herod	Distinguished Research Professor	Ph.D.	Architecture, urban planning & the spatial politics of the built environment	Labor Geography
Angela X. Yao	Associate Professor	Ph.D.	GIScience; Urban & Transportation Modeling, Network Science, Location- based Social Media Data	Geography, Urban/Regional Analysis
James Marshall Shepherd	Georgia Athletic Association Distinguished Professor	Ph.D.	Urban climatology, Hydroclimate processes, Mesoscale weather	Physical Meteorology
Andrew T. Carswell	Associate Professor	Ph.D.	Residential Property Management, Homeownership, Mortgage Finance	Urban Affairs & Public Policy, Business Economics, Finance
Kimberly Skobba	Assistant Professor	Ph.D.	Housing & income precarity, Community development & social capital	Design, Housing & Apparel, Housing Studies
Karen Tinsley	Public Service Associate	Ph.D.	Community housing, Workforce housing, Housing and demographic linkages	Economics
Sarah Shannon	Assistant Professor	Ph.D.	Social effects of incarceration, Relation of crime and welfare	Sociology/Criminal Justice
Thomas L. McNulty	Associate Professor	Ph.D.	Criminology; Urban Sociology	Sociology
Stephen J. Ramos	Assistant Professor	D.Design	Infrastructure, urbanism, international development	Urban Planning & Design

Rosanna Rivero	Assistant Professor	Ph.D.	Urban & Regional Planning, Environmental Planning, Geospatial Technologies, Geodesign	Urban & Regional Planning; Interdisciplinary Ecology
John F. Crowley, III	Professor	Ph.D.	Urban Planning, Design & Development	Architecture, Art History, Regional & City Planning, Urban Geography
Umit Yilmaz	Professor	Ph.D.	Urban Design, Town Planning	Architecture, Urban Design, City Planning
Judith Wasserman	Associate Professor	MLA, MRP	Health and Wellness in Urban Environments, Urban Design	Landscape Architecture, Regional Planning, Anthropology
Akela Reason	Assistant Professor	Ph.D.	U.S. urban history in the 19th-20th centuries	History
Ari D. Levine	Associate Professor	Ph.D.	Premodern Chinese History	East Asian Languages and Cultures

2) Special qualifications related to this program

All faculty have a background and expertise related to urbanization, and urban and metropolitan issues in their respective disciplines

3) Relevant professional and scholarly activity for past five years

Collectively, faculty associated with the certificate program have maintained active programs of teaching and scholarly research appropriate to their professorial rank that includes university-level teaching and/or research publications in peer-reviewed journals appropriate to their discipline that are related to urban studies.

4) Projected responsibility in this program and required adjustments in current assignments

Faculty affiliated with this Certificate program will teach this coursework as part of

their regular teaching assignments. Administrative responsibility for the program will reside in the Department of Geography.

- C. Where it is deemed necessary to add faculty in order to fully develop the program give the desired qualifications of the persons to be added.

It is not deemed necessary to add any faculty to launch the program.

6. *Library, computer, and other instructional resources must be sufficient to adequately support the program.*

A. Describe the available library resources for this program and the degree to which they are adequate to support an effective program. Identify the ways and the extent to which library resources need to be improved to adequately support this program.

All resources are sufficient. There is no need for improvement.

B. Likewise, document the extent to which there is sufficient computer equipment, instructional equipment, laboratory equipment, research support resources, etc. available to adequately support this program. Specify improvements needed in these support areas.

Our respective units, departments, colleges, and faculty have the computer and instructional resources necessary to support this program.

7. *Physical facilities necessary to fully implement the program must be available.*

Describe the building, classroom, laboratory, and office space that will be available for this program and evaluate their adequacy to fully support an effective program. Plans for allocating, remodeling, or acquiring additional space to support the program's full implementation of the program should also be identified.

Our respective units, departments, colleges, and faculty have access to the classrooms needed to support this program.

8. *The expense to the institution (including personnel, operating, equipment, facilities, library, etc.) required to fully implement the program must be identified.*

A. Detailed funding to initiate the program and subsequent annual additions required to fully implement the program are needed below. Estimates should be based upon funding needed to develop an effective and successful program and not upon the minimal investment required to mount and sustain a potentially marginal program.

	First Year	Second Year	Third Year
(1) Personnel	<u>\$ 0.00</u>	<u>\$ 0.00</u>	<u>\$ 0.00</u>
(2) Operating Costs	<u>\$ 0.00</u>	<u>\$ 0.00</u>	<u>\$ 0.00</u>
(3) Capital Outlays	<u>\$ 0.00</u>	<u>\$ 0.00</u>	<u>\$ 0.00</u>
(4) Library Acquisitions	<u>\$ 0.00</u>	<u>\$ 0.00</u>	<u>\$ 0.00</u>
(5) Total	<u>\$ 0.00</u>	<u>\$ 0.00</u>	<u>\$ 0.00</u>

B. Indicate the extent of student support (fellowships, assistantships, scholarships, etc.) available for this program, and evaluate the adequacy of this support. Assistantships funded from institutional (as opposed to sponsored) funds should be included in this funding analysis as well.

We do not seek to provide assistantships specifically tied to this certificate program.

9. *Commitments of financial support needed to initiate and fully develop the program must be secured.*

A. Identify the sources of additional funds needed to support the program and the probability of their availability.

There are no additional direct costs anticipated as participating units already teach the courses that we list as core or elective requirements of the certificate.

B. It is particularly important to include in this response the long-range plans for additional or expanded facilities necessary to support an effective program. Evaluate the timing and likelihood of such capital funding.

If enrollment grows so that undue administrative burden is borne by the Program Director, additional funds will be sought to provide a course release and/or administrative assistance.

10. *Provisions must be made for appropriate administration of the program within the institution and for the admission to and retention of students in the program in keeping with accepted practice.*

Describe and evaluate the structure for the administration of the program. Explain the degree to which that structure is in keeping with good practice and accepted standards. Similarly, explain how and by what criteria students will be admitted to and retained in the program, and how these procedures are consistent with accepted standards for effective and successful programs.

The Urban and Metropolitan Studies Certificate program will be administratively housed in the Department of Geography. The Program Director will be a member of the Department of Geography faculty and will be responsible for appropriately administering the program within the institution. A Steering Committee of at least four additional members drawn from the academic faculty of at least three departments in at least two colleges will ensure the interdisciplinary nature of the program. The initial Program Director will be Dr. Steven Holloway, who commits to serving in this capacity for at least three years. Steering Committee members will commit to serving for at least two years, staggered so as to ensure continuity across academic years. Nominations for Steering Committee membership will be reviewed and voted upon by the existing Steering Committee members. Nominations for Program Director will be reviewed and voted upon by the existing Steering Committee members, contingent upon approval by the Head of the Department of Geography. The Program Director will convene the Steering Committee for a meeting at least once per academic year. The responsibilities of the Steering Committee include (a) reviewing course requirements for the certificate and updating as needed, including reviewing requests for additions and course substitutions, (b) nominating and voting upon replacement and additional Steering Committee membership, (c) nominating and voting upon Program Director, (d) advising certificate students, and (e) advancing the interests of interdisciplinary urban and metropolitan studies in their home units and among current and potential future students.

In addition to the Steering Committee, all University of Georgia faculty and academic staff members will be eligible to request Affiliate status. Requests will be reviewed and approved by the Steering Committee.

Admission of students into the graduate Urban and Metropolitan Studies certificate program will be restricted to degree-seeking undergraduate students in good standing according to the standards implemented by the University of Georgia. In addition, recently graduated students may enroll as a non-degree seeking post-

baccalaureate student in order to complete the certificate program requirements. Students who meet these requirements may select the certificate from within Athena and will be required to (a) register their intention to complete the certificate via a digital form to be developed and submitted to the Program Director, (b) successfully complete all certificate course requirements with a grade of "B" or better, and (c) meet for advisement each semester with the Program Director or an delegate advisor familiar with the requirements of the program. All certificate-seeking students will be reviewed once annually by the Steering Committee in order to ensure adequate progress.