STUDENT POCKET PLANNER
Urban & Regional Planning
Department of Geography, Planning, and Environment
2017-2018

For more current and detailed information, please check the department's web site at:
http://www.ecu.edu/plan
Mission Statement

The Department of Geography, Planning and Environment is an integral part of the university and is committed to excellence in education, basic and applied research, and service to the community. The mission of the Department of Geography, Planning, and Environment is to provide opportunities for students, within the context of the multidisciplinary framework, to achieve excellence, envision their future, grow intellectually and pursue a professional planning position or a graduate education. The planning program is designed to prepare professional planners for both the public and the private sectors primarily serving the Mid-Atlantic and southeastern regions of the United States as well as other national and international communities.

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Equal Education Opportunity and Nondiscrimination Statement:

East Carolina University is committed to equality of educational opportunity and does not discriminate against applicants, students, or employees based on race, color, national origin, religion, gender, age, sexual orientation, or disability. An equal opportunity employer, which accommodates the needs of individuals with disabilities.
What is Planning?

Planning is a systematic, creative way to influence and respond to a wide variety of changes occurring in a neighborhood, in a city, in a region, or around the world. Planning draws from diverse disciplines to create practical solutions for problems that arise in the dynamic interaction between human activities and nature. Planners assist communities to formulate plans and policies to meet their social, economic, environmental, and cultural needs in the face of societal forces. Planners do so by identifying problems and opportunities, evaluating alternative solutions or plans, and communicating their findings in ways that allow citizens and public officials to make knowledgeable choices about the future.

Planning can:
- Preserve and enhance the quality of life
- Protect the physical and natural environment
- Promote equitable economic growth
- Distribute services to disadvantaged communities
- Respond effectively to development of all kinds

Where Do Planners Work?

Planners work in a variety of areas in government from local, regional, state to federal, in non-profit organizations, and the private sector. A few of the professional options available to planning graduates include the following public and private sector opportunities.

**PUBLIC SECTOR**
- Planning director
- Community planner
- City or County manager/planner
- GIS specialist
- Environmental planner
- Housing director
- Mapping supervisor
- Zoning administrator

**PRIVATE SECTOR**
- Business manager
- Design consultant
- Banking & investment executive
- Construction supervisor
- Land developer
- Realtor
- Attorney
- Transportation consultant

Should I Become a Planner?*

- Are you interested in promoting positive social, economic, environmental, and physical change?
- Do you want to work with people from various backgrounds to develop a better community?
- Do you like to communicate with others about ideas, programs, and plans?
- Are you challenged by complex problems – and excited about devising solutions to those problems?
- Do you think about the future – about what could be – rather than about what is?

If you answered “yes” to any of the questions above, you should consider a career in planning!

* Reproduced with permission from the Association of Collegiate Schools of Planning (ACSP)

Kellen Long, a Senior Planning Student, leading a small group discussion during the City of Greenville’s Neighborhood Symposium, 2016
About the Urban and Regional Planning Program at ECU

The East Carolina University Planning Program is the oldest program in North Carolina to offer the Bachelor of Science degree in urban and regional planning. In 1960, ECU began to offer courses in urban and regional planning, and three years later established an undergraduate pre-planning minor. In 1974, the BS degree in Urban and Regional Planning was approved, making ECU the first institution of higher learning in North Carolina to offer such a degree. From a fledging program with only a few students in 1963, the undergraduate curriculum has grown considerably. The Planning Accreditation Board (PAB) first accredited it in 2003. ECU’s planning program is the only PAB-accredited undergraduate planning program in North Carolina and one of only about fifteen nationally.

The undergraduate planning program at ECU helps to develop professional skills for guiding complex processes in a changing world. The program is attentive to basic values concerned with improving the quality of life. The curriculum focuses on human and environmental values, an interdisciplinary approach, and an emphasis on professionalism in resolving issues facing the individual and society.

Planning Graduates

Planning graduates play a significant role in shaping future communities as they develop and implement programs and guide sustainable community development. The urban and regional planning curriculum equips students with the professional skills needed to guide complex processes in a changing world and employ modern technology in their careers.

Our graduates who enter the workforce succeed starting their first day on the job; are prepared to pass the examination of the American Institute of Certified Planners (AICP) within five years of graduating; are qualified to become directors of local planning agencies within seven years following graduation; and receive one or more state or national planning association awards for their work within ten years following graduation.

Our students pursuing a graduate education are (a) accepted into the graduate program of their choice; (b) succeed by graduating and graduating with distinction; and (c) grow professionally and intellectually in their graduate studies due in significant part to their undergraduate preparation.

Useful Planning Resources:
- American Planning Association  https://www.planning.org/
- Association of Collegiate Schools of Planning  http://www.acsp.org/
- Planetizen  http://www.planetizen.com/
- The North Carolina Chapter of the American Planning Association  http://apa-nc.org/
- ECU Geography Facebook  https://www.facebook.com/ECUGeography
- ECU Planning LinkedIn Network Group  https://www.linkedin.com/groups/12064451

Students participating in the Barefoot On The Mall event, Spring 2017
Bachelor of Science in Urban and Regional Planning Curriculum

The BS in Urban and Regional Planning at ECU has a strong multidisciplinary orientation based on the arts and sciences, design, and related professions. The planning curriculum usually begins in the second semester of the sophomore year or upon completion of the general education requirements, at which time the student will declare a major in planning. In consultation with a planning faculty adviser, the planning student will take the core courses in planning, dealing with theory, law, and techniques. At the same time, the student will acquire skills in design, computers, and statistics and their application to planning. Upon completion of this preparation, the student selects one of two areas of emphasis in planning (community or coastal planning), which include advanced courses in planning; two planning-related concentrations or a minor from another discipline; or a double major. It is strongly recommended that students complete a planning internship during the summer following their junior year.

The Planning Program maintains that students develop theoretical and analytical skills necessary to evaluate societal problems and to provide solutions. Students must be well grounded in high-level intellectual and technical competence to be effective professionals. The planning curriculum is a two-year program consisting of 48 semester hours, including:

- 33 semester hours of core courses
- 9 semester hours of courses in an “area of emphasis”
- 6 semester hours of PLAN electives

In addition, students must fulfill the requirements for a minor (18 to 24 s.h.) or two areas of concentration (24 s.h.).

Suggested Course Schedule

Number of hours required to graduate with a BS in Urban and Regional Planning: 120 s.h.

FRESHMAN YEAR

<table>
<thead>
<tr>
<th>Fall Semester</th>
<th>Spring Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1100 (GE:EN)</td>
<td>Science (GE:SC)</td>
</tr>
<tr>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Science with Lab (GE:SC)</td>
<td>MATH 1065 or MATH 1050 (GE:MA)</td>
</tr>
<tr>
<td>3,1</td>
<td>3</td>
</tr>
<tr>
<td>Humanities/Fine Arts (GE:HU or FA)*</td>
<td>Social Science (GE:SO)</td>
</tr>
<tr>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>HLTH 1000 (GE:HL)</td>
<td>Social Science (GE:SO)</td>
</tr>
<tr>
<td>2</td>
<td>3</td>
</tr>
<tr>
<td>Social Science (GE:SO)</td>
<td>PLAN1900 or 2030 (Elective)</td>
</tr>
<tr>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>HLTH 1000 (GE:HL)</td>
<td>15</td>
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<td>15</td>
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</tbody>
</table>

SOPHOMORE YEAR

| ENG 2201 (GE:EN)                                 | Humanities/Fine Arts (GE:HU/FA)*                     |
| 3                                                | 1-3                                                 |
| Social Science (GE:SO)                           | MATH 2283 or 2228 or GEOG 2400                      |
| 3                                                | 3                                                   |
| COMM 2410 or 2420 (GE:FA)*                       | KINE 1000 (GE:EX)                                  |
| 3                                                | 1                                                   |
| PLAN 3030                                        | Minor or concentrations                             |
| 3                                                | 9                                                   |
| Humanities/Fine Arts (GE:HU or FA)*              | 3                                                   |
| 3                                                | 14-16                                               |
|                                                   | 15                                                  |

JUNIOR YEAR

| PLAN 2410                                        | PLAN 3022                                         |
| 3                                                | 3                                                   |
| PLAN 3020                                        | PLAN 3031                                         |
| 3                                                | 3                                                   |
| PLAN 3021                                        | PLAN 3032 (WI)                                    |
| 3                                                | 3                                                   |
| PLAN 4003                                        | Minor or Concentrations                            |
| 3                                                | 3                                                   |
| Minor or concentrations                          | Planning Emphasis                                 |
| 3                                                | 3                                                   |
|                                                   | 15                                                  |
|                                                   | 15                                                  |

SENIOR YEAR

| PLAN 4096                                        | PLAN 4099 (WI)                                    |
| 3                                                | 3                                                   |
| Minor or Concentrations                          | Planning Emphasis                                 |
| 6                                                | 3                                                   |
| Planning Emphasis                               | Minor or Concentrations                            |
| 3                                                | 6                                                   |
| Planning Elective                               | Elective                                          |
| 3                                                | 3                                                   |
|                                                   | 15                                                  |
|                                                   | 15                                                  |

* Only 9 hours of Humanities and Fine Arts are required in the General Education.

Note: Students are strongly encouraged to take PLAN 3038 (Internship) in the summer following their junior year or in the spring semester of their senior year.
General Education Requirements – 40 s.h.

The program has specific recommendations for which foundations courses best support the planning major’s curriculum; those recommendations are advisory but not required and are provided below:

**English (GE:EN, 6 s.h.) Required:**
- ENGL 1100: Foundations of College Writing (3)
- ENGL 2201 - Writing about the Disciplines (3)

**Health (GE:HL) and Exercise and Sport Science (GE:EX)(3 s.h.)**
- HLTH 1000: Health in Modern Society (2)
- KINE 1000: Lifetime Physical Activity and Fitness Laboratory (1)

**Natural Science (GE:SC, 7 s.h.) Recommended:**
- BIOL 1060: Environmental Biology (3)
- BIOL 1061: Environmental Biology Lab (1)
- GEOL 1700: Environmental Geology (4)

**Social Science (GE:SO, 9 s.h.) Recommended:**
- POLS 1010: National Government (3)
- SOCI 2110: Introduction to Sociology (3)
- GEOG 1000: People, Places and Environments (3) OR
  GEOG 2350: Climate Change: Science and Society (3)

**Math or Logic (GE:MA, 3 s.h.) Recommended:**
- MATH 1065: College Algebra (3) OR
  MATH 1050: Explorations in Mathematics (3)

**Humanities (GE:HU) and Fine Arts (GE:FA)(9 s.h.)**

**Required:**
- COMM 2410: Public Speaking (3) OR
  COMM 2420: Fundamentals of Speech Communication (3)
  (2410 preferred) (FA)

**Recommended:**
- PHIL 1175: Introduction to Ethics (3) (HU)
- PHIL 1180: Introduction to Critical Reasoning (3) (HU)
- ART 1910: Art Appreciation (3) (FA)

Major Requirements - 48 s.h.

**Core (33 s.h.) Required:**
- PLAN 2410: Fundamentals of GIS (3)
- PLAN 3020: Environmental Planning (3)
- PLAN 3021: Introduction to Planning Techniques (3)
- PLAN 3022: History and Theory of Planning (3)
- PLAN 3030: Urban and Regional Planning (3)
- PLAN 3031: Quantitative Analysis in Planning (3)
- PLAN 3032: Planning Legislation and Administration (WI) (3)
- PLAN 4003: Urban Form and Design (3)
- PLAN 4096: Planning Studio (3)
- PLAN 4099: Practicum in Planning (WI) (3)
- GEOG 2400: Spatial Data Analysis (3) OR
  MATH 2228: Elementary Statistical Methods OR
  MATH 2283: Statistics for Business

**Area or Emphasis (9 s.h., choose one of two) Required:**

**Community Planning and Development:**
- PLAN 4025: Housing and Neighborhood Planning (3)
- PLAN 4040: Community Facilities Planning (3) OR
  PLAN 4065: Land Use Planning (3)
- PLAN 4075: Transportation Planning (3) OR
  PLAN 5985: Historic Preservation Planning

**Coastal Planning and Development:**
- PLAN 4015: Emergency Management Planning (3)
- PLAN 4045: Environmental Resources Planning & Management (3) OR
  PLAN 4065: Land Use Planning (3)
- PLAN 4055: Coastal Area Planning and Management (3)
Minor (18 to 30 s.h.) or Concentration (24 s.h.) for Planning Major

In consultation with the planning advisor, choose a minor from another discipline or two concentration areas as shown below, with a minimum of 9 semester hours from each of the two areas.

- Coastal Resources
- Community Health
- Environmental Resources
- Geographic Information Science
- International Development
- Public Administration
- Recreation
- Rural Development
- Urban Studies

If pursuing a minor instead of concentrations, students are strongly encouraged to choose a minor that fits their interest. The choice of a minor is an individual student decision. However, some minors have stronger connections to the planning profession than others. Note that a minor requires minimum of 18 semester hours (s.h.) but may require as many as 30 s.h. Listed on the next two pages are undergraduate minors with strong or potentially strong connections with planning. We suggest these minors in the event a student is unsure and wants to maximize the relationship of the undergraduate minor to the B.S. in Urban and Regional Planning degree. Others, of course, may be warranted.

(Note: Except for foundation curriculum requirements which may count toward a minor, no one course may be used to fulfill two or more degree requirements.)
<table>
<thead>
<tr>
<th>Minor(s)</th>
<th>Type of Practice Relationship and General Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Public Administration (18)</td>
<td>Management in government or non-profit sector; Strengthens marketability with governments</td>
</tr>
<tr>
<td>Geography (18)</td>
<td>Strengthens ability to analyze spatial data; Geographic Information Systems (GIS) technology.</td>
</tr>
<tr>
<td>Political Science (18)</td>
<td>Typically a majority of planners go to work for government; Strengthens understanding of the political factors of planning</td>
</tr>
<tr>
<td>Architectural Design Technology (30)</td>
<td>Architectural design overlaps with private sector consulting; Graphics capabilities strengthen marketability, especially to private sector firms</td>
</tr>
<tr>
<td>Construction Management (28)</td>
<td>For planning majors with strong interests in development and the construction industry; relates well to real estate and public regulation of development and construction</td>
</tr>
<tr>
<td>Coastal and Marine Studies (18)</td>
<td>Natural resource and environmental planners interested in careers along the coastal regions of the U.S.; strengthens interdisciplinary perspectives of coastal planning</td>
</tr>
<tr>
<td>Recreation and Park Management (25)</td>
<td>Appropriate for planning majors interested in park and recreation master planning and administration</td>
</tr>
<tr>
<td>Business Administration (24)</td>
<td>A solid complement to planning for professionals targeting private sector employment such as consulting</td>
</tr>
<tr>
<td>Communication: Communication Studies (24); English (18)</td>
<td>Increases skill set of planners, who are required to interact verbally and in writing effectively with a variety of stakeholders and groups</td>
</tr>
<tr>
<td>Sociology (18); Economics (18)</td>
<td>Very strong allied social sciences that increase depth of understanding of urban and regional planning issues</td>
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<thead>
<tr>
<th>Minor(s)</th>
<th>Type of Practice Relationship and General Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>History (18)</td>
<td>For students interested in jobs in historic preservation, these minors can increase marketability and are good preparation for graduate study in historic preservation</td>
</tr>
<tr>
<td>Security Studies (18)</td>
<td>Appropriate for students interested in emergency management planning and homeland security related issues, policies and infrastructure.</td>
</tr>
<tr>
<td>Multidisciplinary (18-24)</td>
<td>Strengthens the interdisciplinary nature of planning thought/practice</td>
</tr>
<tr>
<td>Comparative Government and International Relations (18); International Studies (18)</td>
<td>Appropriate for international students in terms of multinational political and cultural perspectives</td>
</tr>
<tr>
<td>Computer Science (26); Information and Computer Technology (24); Information Processing (30)</td>
<td>For students who have keen interests in technology; management information systems and planning intersect to some degree</td>
</tr>
<tr>
<td>Biology (20); Geology (18); Science (24)</td>
<td>For students with a natural science orientation and who may be involved in studies of environmental impacts, geology, wetlands, habitat, etc.</td>
</tr>
<tr>
<td>Leadership Studies (18)</td>
<td>An appropriate complement for majors who intend to advance to positions of management in government, non-profit sector, and business</td>
</tr>
<tr>
<td>North Carolina Studies (18)</td>
<td>May be appropriate for students who are from and intend to stay in state and practice planning</td>
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</table>

For more current and detailed information on the curriculum requirements, please check the program’s web site at: [http://www.ecu.edu/plan](http://www.ecu.edu/plan) and the Undergraduate Catalog [http://catalog.ecu.edu/content.php?catoid=12&navoid=909](http://catalog.ecu.edu/content.php?catoid=12&navoid=909)
Planning as a Minor

The minor in planning, consisting of 18 semester hours, will complement programs in the social sciences, the sciences, and certain professional degree programs.

The planning minor requires 18 s.h. of credit as follows:
- 12 semester hours of core courses
- 6 semester hours of electives

Core Requirements - 12 s.h.
- PLAN 1900. Sustainable Cities (3)
- PLAN 3020. Environmental Planning (3)
- PLAN 3021. Introduction to Planning Techniques (3)
- PLAN 3030. Urban and Regional Planning (3)

Planning Electives Requirements - 6 s.h.
Please see page 12 for the list of planning elective courses.

Internships

The program strongly encourages (but does not require) students to take an internship in a planning agency, firm or related organization. Academic credit is available for internships if approved by the program’s internship coordinator in advance. Students are routinely notified by the program throughout the year of internship opportunities known to be available, but it is the student’s responsibility to secure an internship since the program does not offer a formal placement program. Typically, students desiring an internship for academic credit will sign up for PLAN 3038 (a PLAN elective) for three hours credit (minimum 150 hours of work) and complete the internship during a summer session following their junior year of study. However, internships can be completed at other times, as well. Students may intern with an agency without academic credit, in which case the program is not involved. Also, 1 hour and 2 hour credit options (PLAN 3018 and 3028, respectively) are available. Students of the program are encouraged to take internships, whether paid or unpaid.

Recent internship placements include the City of Greenville, Pitt County, Mid-East Commission, Uptown Greenville, and several other nearby local governments. Students seeking internships are not limited to area employers and may pursue work out of the region or out of state.

Internship Coordinator: Dr. Misun Hur

Kenneth Staton, a Senior Planning student, talked about his SECU Public Fellow Internship experience with Windsor-Bertie County Chamber of Commerce, 2017
Advising Procedure in the Planning Program

The planning program strives to advise students in the most effective and efficient manner possible. The faculty, during registration periods, continues with normal duties of class preparation, instruction, research activities, and service obligations (such as committee meetings), so time is very precious. Accordingly, the faculty would appreciate if students would help to improve the quality and quantity of advising by following the advising procedure noted below.

1. Early registration occurs near the middle of the fall and spring semesters, according to the university schedule. During this time, advising will take place. The student is responsible for seeing their assigned planning advisor in a timely manner, once during early registration. All students should get advice as early in the registration period as possible, and then register for classes on the assigned day, which is dependent upon class standing. Since classes can fill early, students should plan on registering as quickly as their class standing permits. Additional advice is available on a continuous basis, but it is up to the student to ask for advice from their assigned advisor!

2. All students are requested to be familiar with the office hours of the planning faculty. If questions arise, advisors should be contacted as soon as possible.

3. The university now uses DegreeWorks to monitor progress of students. However, the program maintains a hard copy file of each student’s progress toward degree requirements.

4. Students are responsible for applying for graduation, preferably in the fall semester if they are graduating the following spring.

Planning Faculty

Dr. Misun Hur
Associate Professor & Interim Director

Misun Hur is an associate professor of Urban and Regional Planning at East Carolina University. She holds a Ph.D. in City & Regional Planning from The Ohio State University with a human and environment emphasis; a master’s degree in City & Regional Planning from The Ohio State University and another master’s degree in Landscape Architecture from University of Seoul, South Korea.

Her research centers on two areas: the relationship between the built environment and the human interactions within it and research methods in social relations. Her research interests include: neighborhood satisfaction, quality of life, housing, applied GIS analysis, community development, community-driven research through scholarship in engagement, and interdisciplinary research. Dr. Hur’s recent work includes research on marginalized groups’ access to resources and quality of life. She currently works on research which focuses on marginalized groups’ housing locations and the relationship with health and well-being in eastern North Carolina.

Dr. Hur teaches the following courses:
PLAN 2030: Global Cities
PLAN 3030: Urban and Regional Planning
PLAN 3041: Computer Applications in Planning
PLAN 3022: History & Theory of Planning
PLAN 4025: Housing & Neighborhood Planning
PLAN 4075: Transportation Planning
PLAN 4096: Planning Studio
PLAN 4099: Practicum in Planning
PLAN 6029: Research in Environmental Planning
PLAN 6065: Housing & Community Development
PLAN 6075: Transportation Planning & Policy
Dr. Burrell Montz  
*Chair and Professor*

Burrell Montz is Professor at East Carolina University. She received her BA from Mary Washington College, her MS from Oklahoma State University, and her Ph.D. from the University of Colorado, Boulder. Prior to coming to East Carolina, Dr. Montz was on the faculty at Binghamton University in New York where, among other positions, she directed the Environmental Studies Program. Throughout her career, she has been involved in teaching and research on natural hazards, water resources management, and environmental impact analysis. She started her career looking at responses to flooding in the Northeastern United States, the topic of her Master’s thesis. Before embarking on an academic career, Dr. Montz was an Environmental Planner and has since addressed such topics as the effects of flooding on property values, perceptions of risk, and responses to warnings. She is also involved in research relating to vulnerability of communities to the impacts of climate change as projected in future flood scenarios and water management issues associated with pharmaceuticals and personal care products. She has been fortunate to have been able to work in such places as Slovenia and New Zealand, as well as numerous locations throughout the US.

Dr. Montz teaches the following courses:

- **PLAN 3032:** Planning Legislation & Administration
- **PLAN 4250:** Environmental Impact Analysis
- **PLAN 4270:** Water Resources Management & Planning
- **PLAN 6250:** Advanced Environmental Impact Analysis
- **PLAN 6270:** Adv. Water Resources Manage. & Plan.

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Dr. Anuradha Mukherji  
*Associate Professor*

Anuradha Mukherji is an associate professor of Urban and Regional Planning at East Carolina University. She received her PhD in architecture from the University of California at Berkeley in the fields of disaster planning and housing policy and development; a master’s from Texas A&M University at College Station, and a bachelor’s degree in Architecture from the Center for Environmental Planning and Technology (CEPT) University in Ahmedabad, India.

Her work focuses on the ability of communities to embed disaster risk reduction into the planning of cities and regions, and on the sociopolitical institutions that shape community recovery and the built environment after a disaster. Her current research includes a study of pre-disaster hazard mitigation plan implementation in coastal North Carolina; an investigation of the developmental impacts of federal buyout programs implemented in eastern North Carolina after Hurricane Floyd; and a study of land-use change as a disaster risk reduction and climate change adaptation strategy in the coastal areas of Japan impacted by the 2011 Great East Japan Earthquake and Tsunami.

Dr. Mukherji teaches the following courses:

- **PLAN 1900:** Sustainable Cities
- **PLAN 3022:** History and Theory of Planning
- **PLAN 4003:** Urban Form and Design
- **PLAN 4015:** Emergency Management Planning
- **PLAN 4065:** Land Use Planning
- **PLAN 4099:** Practicum in Planning
- **PLAN 6003:** Design for the Built Environment
- **PLAN 6015:** Disaster/Emergency Planning
- **PLAN 6065:** Growth Management
Dr. Karen A. Mulcahy  
*Teaching Associate Professor*

Dr. Mulcahy earned a Bachelor’s of Arts degree and a Master of Arts degree in Geography at Hunter College of the City University of New York. She earned a doctoral degree in Earth and Environmental Science from the Graduate School and University Center of the City University of New York. At East Carolina University she serves as the Co-Director of the Center for Geographic Information Science and the Coordinator of the Graduate Certificate in Geographic Information Science. Karen has had extensive private and public sector experience in the field of Geographic Information Science for over 30 years and has 20 years of university teaching experience.

Dr. Mulcahy teaches the following courses:
- GEOG 1000: Peoples, Places, and Environments
- PLAN/GEOG 2410: Fundamentals of Geographic Information Systems
- GEOG 3450: Introduction to the Global Positioning System
- GEOG 4410: Advanced Cartographic Design and Production
- GEOG 6400: Seminar in Geospatial Technologies.
- GEOG 6410: Advanced Cartography

Dr. Sangwoo ‘Marty’ Sung  
*Teaching Assistant Professor*

Sangwoo “Marty” Sung is a teaching assistant professor of the Geography, Planning and Environment at East Carolina University. His major research and teaching activities pertain to how geographic information systems (GIS) and planning applications can be used to promote sustainability related to natural resources such as water and energy in urban areas.

During his Ph.D. pursuit, he was involved in multiple research projects related to seismic risk assessment, sustainable water use, and GIS urban land use change modeling for the Atlanta area. He also taught three undergraduate/graduate level GIS courses at Georgia Tech before joining East Carolina University. His dissertation evaluated urban sustainable water use and the development of GIS applications to project future water use in Metropolitan Atlanta area, Georgia.

He received a B.S. and a M.S. in Urban Engineering from Hanyang University, Seoul, Korea, Master in City and Regional Planning from Rutgers, the State University of New Jersey, and the Ph.D. in City and Regional Planning at Georgia Institute of Technology.

Dr. Sung teaches the following courses:
- PLAN 1900: Sustainable Cities
- PLAN 3020: Environmental Planning
- PLAN 3021: Intro to Planning Techniques
- PLAN 3030: Urban and Regional Planning
- PLAN 3031: Quantitative Analysis in Planning
- GEOG 4430: GIS II
- GEOG 4440: Coastal Application of GIS
- PLAN 4096: Planning Studio
- GEOG 6430: Advanced GIS
- GEOG 6440: Spatial Analysis of Coastal Environ.

**Emeritus Faculty**

Dr. Richard A. Stephenson, *Professor Emeritus*  
William Wesley Hankins,  
*MSG, Associate Professor Emeritus*

Dr. Mulatu Wubneh, *Professor Emeritus*
Scholarships and Awards

Scholarships

1. Hankins Family Scholarship
Competitively awarded to one student in the spring semester. There will be an interview with the Hankins Family Scholarship Committee for selected semifinalists. The principal criteria for selecting recipients shall be scholarship and an exhibited dedication to the profession of urban and regional planning.

Amount: $600 (applied towards tuition)
Eligibility:
- Pursuing a BS degree in Urban and Regional Planning
- Completed 85 semester hours of college course work
- Minimum Planning GPA: 3.0
- Minimum overall GPA: 2.5

Application materials:
- University transcript
- Two letters of recommendation, at least one from a planning professor
- Description of involvement in extra-curricular and community activities

2. John C. Ralph Scholarship
Competitively awarded to one student in the spring semester. The principal criteria for selecting recipients shall be scholarship and an exhibited dedication to the profession of urban and regional planning.

Amount: $300 (applied towards tuition)
Eligibility:
- Pursuing a BS degree in Urban and Regional Planning
- Completed 60 semester hours of college course work
- Minimum Planning GPA: 3.0
- Minimum overall GPA: 2.5

Application materials:
- University transcript
- Two letters of recommendation, at least one from a planning professor
- Description of involvement in extra-curricular and community activities

3. Planning Alumni Scholarship
Competitively awarded to one student in the spring semester. The selected student must be willing to be a department ambassador and attend functions to share information about the program and department.

Amount: $2,000 (applied towards tuition)
Eligibility:
- Rising junior or senior
- Recipient must meet all program requirements
- Demonstrated community involvement
- Any other criteria determined appropriate by the scholarship selection committee.

4. Robert E. and Margeryfay R. Cramer Scholarship
Competitively awarded to an undergraduate from the Department of Geography, Planning, and Environment who plans to study abroad in one semester or one school year.

Amount: $750
Eligibility:
- A full-time ECU undergraduate with sophomore standing or above
- Pursuing a major in Geography, Urban & Regional Planning, Applied Atmospheric Science, or GIST
- Minimum 2.5 cumulative GPA at ECU
- The student will be enrolled as a full-time student while studying at an ECU study abroad program or in an accredited program in the foreign country
Application materials:
- A one-page letter of application, stating your study abroad plan
- One letter of recommendation from a faculty member in the Dept. of Geography, Planning and Environment

Awards

1. American Institute of Certified Planners (AICP) Outstanding Student – recognizes outstanding attainment in the study of planning by a senior student graduating from an accredited planning program.

2. North Carolina Chapter of the American Planning Association (NCAPA) Outstanding Student – recognizes a senior student from each branch of the state university system which offers a degree in planning for exceptional academic studies and initiative in planning. The student receives a recognition during the annual NCAPA Conference.

3. North Carolina Chapter of the American Planning Association (NCAPA) Summer Fellowship – offers a Summer Fellowship for a junior or senior minority student pursuing graduate or undergraduate planning degrees and/or planning related degrees. The student receives a scholarship and recognition during the NCAPA Conference.

SPAN
The Student Planners’ Action Network of ECU

SPAN is a student organization open to full- and part-time students of ECU with special interest in the planning program. SPAN provides student support services such as study groups and tutoring. The organization provides valuable support and networking opportunities.