



**Joint PhD Program in Urban Systems  
PhD Student Handbook**



**New Jersey Institute of Technology  
Rutgers University-Newark  
Rutgers-School of Nursing (RBHS)**



*Revised 8/13*

Dear Doctoral Students:

This Doctoral Student Handbook for the PhD Program in Urban Systems has been compiled to help students understand and function in two complex and sometimes perplexing academic systems: New Jersey Institute of Technology and Rutgers University, Newark.

This PhD Program in Urban Systems is the first cross-sectoral doctoral program in the social sciences to draw upon the combined strengths of New Jersey's two senior public research universities. Students enjoy the rich resources of the partner institutions, including faculty, research programs, libraries, and computer facilities. In addition, Newark - a rich, multicultural urban environment - serves as the host community for the program. Northern New Jersey and the Greater Metropolitan Area provide a natural laboratory in which students may pursue challenging research opportunities.

The current program has a 72-credit curriculum with three specializations: (1) urban health, (2) urban environments and urban architectural history, and (3) urban educational policy. Program faculty have academic expertise in a broad range of disciplines, including the social sciences (anthropology, sociology, psychology and political science), architecture and urban planning, education, nursing and other health disciplines, and research and statistical methods.

The policies and procedures herein are subject to change and may be superseded by action of the Program Director and the faculty. When such change occurs, updated information will be provided in the form of substitute pages and you will be notified by email. The updated web page will also reflect the change.

Additional references, which contain policies for the Doctoral Program, include the following:

**New Jersey Institute of Technology**

<http://architecture.njit.edu/academics/graduate/phd-urbansystems.php>

**Rutgers University Urban Education**

<http://www.ncas.rutgers.edu/department-urban-education/graduate-programs>

**Rutgers University Biomedical and Health Sciences (RBHS)-School of Nursing**

<http://rbhs.rutgers.edu/urbsyweb>

If you have any questions about material in this handbook, please feel free to contact my office,

Best wishes,

Karen A. Franck, PhD  
Program Director

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## I. Overview of Doctoral Program

The Doctor of Philosophy (PhD) Program in Urban Systems is a jointly sponsored program of the Rutgers-The State University of New Jersey, Newark, and the New Jersey Institute of Technology (NJIT). The program is designed to generate new and refined interdisciplinary knowledge based on a cross-sectoral framework of urban systems. Its purpose is to prepare scholars, researchers and administrators who will advance the theoretical and empirical basis for urban systems practice and provide visionary leadership to the fields of health, education and the environment.

### Underlying Beliefs

The program is built upon the unique strengths of New Jersey's two senior public research universities. The mission of the program is to prepare experts to develop a knowledge base in urban systems, which is grounded in research, and to participate in the development, implementation, analysis and evaluation of policy and services for urban populations. Graduates of this program are expected to have a positive impact on urban residents as well as the systems and policies that affect them.

The objectives of the Joint PhD Program in Urban Systems are to educate researchers to:

1. develop a knowledge base in urban systems through original research,
2. incorporate knowledge that is derived from the social sciences into research that is relevant to urban services, planning, and policy,
3. draw upon relevant conceptual frameworks of the social sciences and humanities to the improve urban public and community life, and
4. initiate, facilitate and participate in collaborative endeavors related to the theoretical, conceptual and practical aspects of urban systems and populations.

### Program of Study

The program is a minimum of 72-credit program with three specializations: (1) urban health, (2) urban environments and urban architectural history, and (3) urban educational policy. Specific full-time and part-time curriculum plans are tailored through advisement to facilitate academic progression. Program faculty have a wide range of academic backgrounds, including the health sciences, public administration, political science, economics, planning and policy, humanities and social sciences, architecture, history, management, information systems and computer science and statistics.

The program has four components: 18-credit program core, 12-credit research core, 18-credit specialization core, and 24-credit dissertation advisement and preparation.

The core curriculum provides students with the opportunity to build upon their academic and experiential backgrounds through foundational courses in urban health, urban environment and urban education. Core courses offer opportunities to gain knowledge and strong understanding of the issues, assumptions, theories and methods of urban education, environment, and health. The core research courses build on previous research knowledge and expand the scope and breadth of research design and statistical methods.

## II. General Requirements

### Minimum Credits Required

Requirements for a doctor of philosophy are a minimum of 72 credits beyond the bachelor’s degree. Students are required to complete a minimum of 48-semester credits beyond an appropriate prior master’s degree. These students entering with a Master’s degree in an unrelated area will have credit requirements evaluated on a case-by-case basis but will have to complete at least 48 credits beyond the master’s degree. Graduate credits earned at other institutions may be offered in partial fulfillment of requirements for the doctoral program in urban systems. Courses offered for transfer credit are evaluated individually by the Doctoral Program Director and in collaboration with the Specialization Coordinator relative to Graduate School requirements, program requirements and the students’ Plan of Study.

In addition to the overall credit requirements, the urban environments specialization includes the following minimum requirements:

For those entering the program with a master’s degree, 48-credits of coursework beyond the master’s degree of which at least 12 credits must be at the doctoral level.

Students, who wish to complete a master’s degree while pursuing a doctorate, must apply for admission to the master’s program, and satisfy all requirements for the master’s degree, including any thesis or project requirements.

- Students who are entering with a bachelor’s degree or unrelated master’s degree may have a program study plan that is similar to the following requirements:

Course Requirements	Course Credit Sequence (minimum)
Core Courses	18

Research Core Courses	12
Specialization Core Courses/Electives	18
Dissertation	24
<b>Total Credits for Graduation</b>	<b>72 credits</b>

Faculty Advisors will review transcripts with newly admitted students entering with an appropriate prior master's degree to establish a study plan. Students may request course credits from their master's degree to be considered in order to establish their Plan of Study after these master's level courses are deemed comparable in content and focus to the courses in the Urban Systems core. A student's Plan of Study with a related master's degree may typically have the following requirements:

Course Requirements	Course Credit Sequence	Taken as part of Program of Study	Credit for Master's Level Program
Core Courses	18	0	18
Research Core Courses	12	9	3
Specialization Core Courses/Electives	18	18	
Dissertation Advisement	24	24	
<b>Total Credits for Graduation</b>	<b>72</b>	<b>48</b>	

### Doctoral Qualifying Examination

Students must pass a qualifying examination within 3 years of being admitted into the doctoral program. Students are only permitted to take the examination twice. Within one semester of completion of all core courses (including all research core courses), each student will schedule a one-day, in class, written examination to be administered by a faculty member of the PhD Program.



### Research Proposal Submission

Doctoral students are required to select a Dissertation Advisor, form a dissertation committee, and receive approval of a research proposal within one year of passing the qualifying examinations.

### Doctoral Candidacy

Doctoral candidates are students who have completed all other requirements for the PhD degree except for completion of the dissertation and the dissertation defense. This includes, as a minimum, passage of the doctoral qualifying examination, approval of the research proposal and completion of all course work. Status as a doctoral candidate does not imply candidacy for the degree.

### Length of Time to Complete Requirements

The student has a maximum of 7 years within which to complete the degree. If extenuating circumstances occurs, permission can be sought for an extension from the Graduate Dean and Program Director/Coordinator.

### Cumulative Grade Point Average

Students must maintain a minimum cumulative grade point average of 3.0 (on a scale of 4.0 scale) throughout the program. Some forms of financial support may require a higher grade point average. The Faculty Advisor, who is responsible for notifying the Doctoral Program Director, evaluates student progress at the end of each semester of study. The respective Graduate Studies Offices are also notified if a student's academic status is in jeopardy.

## **III. Plan of Study**

Each student works collaboratively with his/her Faculty Advisor to create a Plan of Study that constitutes a unified program that fits within the framework of the doctoral program requirements and meets the student's research interests and career goals. The Plan of Study is designed and submitted to the Program Director/Program Coordinator for approval prior to the student's registering for elective and/or specialty courses. The Faculty Advisor signs annual plans. The Plan of Study is to be submitted to the Director of the Doctoral Program at the earliest opportunity after 18 or more credits have been completed. Descriptions of the major components of the doctoral program are included below (*Attachment A: Proposed Plan of Study Form*).

- 18-credits of Program Core Courses:
- 12-credits Research Core Courses:
- 18-credits Urban Systems Specialization Courses

- Urban Health
- Urban Environments
- Urban Educational Policy
- Urban Architectural History
- 24-credits of Dissertation Advisement

Each student must complete an independent original research to be communicated in a written dissertation. The research must address a question of significance to urban systems.

### **Course Descriptions**

#### Required Program Core Courses (18 Credits):

##### Urban Systems I: Evolution of the American Metropolis (3 Credits)

Urban Systems I encompasses the growth and development of American communities from early stages of European settlement to the present, with emphasis on the late nineteenth and twentieth centuries. It examines the historical evolution of cities, including the social, demographic, political and economic forces which shaped them. The primary unifying theme is the expanding role of government over the late nineteenth and twentieth centuries, including public sanitation, health, education and city planning. The course will strive to develop a historically based conceptual foundation on which to ground studies of contemporary issues and concerns in urban health, urban environment and urban education. In this regard it will consider factual and descriptive elements of urban and metropolitan history as well as examination of a number of theoretical and explanatory theses. For example, the transition from Jeffersonian and Jacksonian notions of laissez faire capitalism to the Keynesian concepts of the social welfare state will be investigated. A fundamental pedagogical purpose of the course is to instill in doctoral students an effective grasp of the ways in which historical scholarship informs our knowledge of the contemporary dynamics of urban and metropolitan growth and change.

##### Urban Systems II: The Development of U.S. Urban Populations and Trends (3 Credits)

The overriding goal of this course is to provide Urban Systems doctoral students with a social science based understanding of the past, present and future of today's demographically and culturally diverse population in the U.S. cities. The course builds on prior content provided in Urban Systems I. At the core of the course are the affluent urbanites, migration, culture, politics and economics. The focus is on the micro-level phenomena (including crime, the "code of the street", neighborhood politics and

community building) and how these relate to the macro-level factors (economics, political and ideological). The course examines how culture, migration, civil rights and welfare policies, and economics have influenced the demographic composition of American cities and the capacity of city residents to create and maintain vital and productive places to live.

### Urban Systems III: Globalization, International Migration and Contemporary Cities (3 Credits)

This course examines the process of globalization and how it affects both the form and function of cities worldwide. Since 1970's, globalization has affected major changes in the world in forms of technology, communications, and function of cities. While similar physical, cultural, and social patterns have been developed in cities around the world, there have also been new and distinct cultural and economic spaces that have been created in various global cities. Based on historical, economic, and sociological analysis, this course will compare globalization process in cities from countries in Africa, Asia, and the Americas. It will investigate what characteristics of globalization affect cities, how they operate in historical context, and what benefits and harms they produce in contemporary cities. Using theories developed in fields such as history, sociology, political science, urban studies, health, and architecture, we analyze where, why and how such new globalization patterns emerge. Moreover, the course will explore and critique the impact of globalization on cities as well as investigate policy implications for improving the housing, health, and education systems in global cities.

### The Good City: Environmental Design and The Quality of Metropolitan Life (3 Credits)

As we move into the 21<sup>st</sup> century, the "good city" is as elusive as ever. Yet now, planners, architects, urban designers and many citizens recognize that what was once deemed good, and was widely built, has generated serious problems. For example, neither low density, single-use, residential suburbs dependent on the automobile nor high density residential towers in urban open space have proved to be the ideas envisioned. Why is that? Why were they considered good? What are the alternatives? And what are other aspects of the "good city" that are being proposed and implemented today? In addressing these questions, it is essential to examine the goals and values that always shape both our vision of the good city and our critiques of the visions of others.

The purpose of this course is to introduce all Urban Systems doctoral students to the various ways in which architects, urban designers and planners have sought to improve the quality of everyday life in urban and suburban environments through the design of the built environment, both at the scale of neighborhoods and communities and at the

scale of buildings. The emphasis is on the manipulation of built form, transportation, and public space as responses to perceived problems. Key topic areas are housing and neighborhoods, public space, schools, hospitals, transportation. Students will come to understand what problems were recognized, the design solutions proposed and/or implemented, and the critiques and consequences that ensued.

#### Determinants of Urban Health (3 Credits)

This interdisciplinary course examines the complex interactions among the physical and social environment, health status, education, and human capital in the community. Quality of life is the outcome of micro and macro-factors that operate at the level of the individual, family, neighborhood, community, state and nation. A multidisciplinary framework is used for examining the evidence on the linkage between quality of life, development of human capital, poverty, sociopolitical organization and community organization. The specific objectives of this course include: (1) Synthesize anthropological and sociological perspectives on health and illness; (2) Analyze epidemiological concepts within the context of social science perspectives; (3) Evaluate the state of health disparities in national and global contexts; (4) Describe macro- and micro-level factors that influence the health of individuals and communities; (5) Examine theoretical perspectives on the health of individuals and communities; and (6) Examine the effects of poor health on the development of human capital and community.

#### Urban Educational Systems: Schools & Communities in the Contemporary World (3 Credits)

This course provides an examination of urban educational systems both in the United States and internationally. Focusing on the organizational structure and processes of urban schools and districts, the course examines the ways in which educational systems affect students living in cities. Using sociological, historical, political and economic analyses, students will explore the interrelationship among educational, political, economic, and cultural systems. This course will analyze how urban education is related to larger structural processes such as de-industrialization, globalization, immigration, and demographic changes. Finally, students will explore how federal and state policies and legislation affect urban education.

#### Required Research Core (12 Credits)

##### Research Seminar I: Qualitative Research

The purpose of this course is to introduce doctoral students to the philosophy and methods of qualitative research. Through an examination of the evolution of qualitative methodology, the various forms of qualitative research, the ways to conduct qualitative

inquiry, and examples of various qualitative methods, students will understand how to conduct qualitative inquiry

### Research Seminar II: Quantitative Methods

This is an advanced course in quantitative, social science research methods. Together, the students and instructor critically examine a large number of peer reviewed journal articles with the goal of enhancing the student's understanding of the logic and application of quantitative research methods.

### Geographical Information Systems

Geographical/land information systems GIS/LIS is a computerized system capable of storing, manipulating and using spatial data describing location and significant properties of the earth's surface. GIS is an interdisciplinary technology used for studying and mapping land use issues, land resource assessment, environmental monitoring and hazard/toxic waste control. Introduces this emerging technology and its application

### Research Elective By Advisement (3 Credits)

#### Urban Environments Specialization Courses

(18 Credits: 9 Required as noted below and 9 Credits of Electives)

#### Urban Forms in History

This course examines two essential urban spaces, the street and the square, from Greek antiquity to the 1950s. It is not a comprehensive survey, but a focus on case studies drawn from European and American cities and arranged chronologically. Although form analysis will constitute the core of our discussions, historical, social, political, economic, and cultural issues will also be investigated. We will be concerned with the meanings behind the particular urban elements, as much as their physical, operational, and functional aspects within the greater format of the city. Hence, we will consider specific streets and squares within the matrix of the overall urban structure. Throughout, references will be made to contemporary urban design theory and practice.

The first step is the familiarization with general literature and approaches to the study of these urban elements. We will then focus on case studies. Students will choose sample streets and squares from the cities listed in the syllabus and analyze them thoroughly. They are expected to generate and lead class discussions.

Elements of Infrastructure Planning (3 credits)

This course provides an introductory survey of the basic principles, operation and design of physical infrastructure systems including roads, public transportation, community facilities, public open space, surface drainage, and electric, gas, water, waste disposal and telecommunications services.

Architectural Perspectives in Urban Research (3 Credits)

This course focuses on the description and application of a variety of research methods used in architectural and urban research. Our purpose is to understand these methods, to learn to use them and to evaluate their use by others. While the focus is on the methods themselves, they can only be fully understood by also considering the conceptual frameworks and assumptions from which they arise and the kinds of findings and interpretations they produce. The methods thus become a kind of lens for looking into these other domains and, accordingly, for gaining insight into some of the theorized and the documented interconnections among people, daily life, architecture and urban settings. It is intended that students will use the material in it, particularly the course project, to develop dissertation topics and approaches.

Urban Educational Policy Specialization Courses  
(18 Credits: 9 Required as noted below and 9 Credits of Electives)

26:310:602: Sociology of Urban Education (3 Credits)

This course provides an examination of the contributions of the sociology of education to understanding urban educational problems and urban school improvement. Beginning with the classical theoretical traditions of the field, functionalism, conflict theory, and interactionist theory, and empirical research in the field, students explore how sociological theory and research has contributed to the analysis of urban schooling, with specific reference to issues of race, class, gender and ethnicity.

26:310:601: History of Urban Education (3 Credits)

This course provides an examination of the history of urban education in the United States. Through an exploration of the development of urban school systems in the late 19<sup>th</sup> and early 20<sup>th</sup> centuries, through the rise and decline of urban schools by the 1960s, to the development of urban educational policies designed to improve urban schools from the 1990s into the 21 century, the course provides a historical foundation for understanding urban educational policy. Among the topics discussed are: the urbanization of city education; the rise of bureaucracy and scientific management; the Progressive Era and urban education; suburbanization and its effects on urban schools; desegregation and urban schooling; de-industrialization and its effects on urban

schools; issues of equity versus excellence; urban educational reform from the 1990s to present; issues of race, class, gender and ethnicity in historical perspective.

26:310:603: Urban Educational Policy and School Improvement (3 Credits)

This course provides an overview of major issues and controversies in urban educational policy. Through a historical, sociological, and political analysis of educational problems, the course explores a variety of policy initiatives and reforms, including curriculum and learning standards, school choice, tuition vouchers, charter schools, privatization, and whole school reform. Through an analysis of case studies of urban Abbott districts in New Jersey, including the three state take over districts, Jersey City, Paterson, and Newark, this course provides prospective administrators with an understanding of the complexities of urban school reform and improvement.

Urban Health Systems Specialization Courses

(18 Credits: 9 Required as noted below and 9 Credits of Electives)

US6002 Urban Health Systems: History, Structure and Challenges (3 Credits)

This course focuses on social and political forces in the development of urban health systems, primarily in the United States. The course is organized into three major sections: the development of the health care system; critiques of the health care system; and key issues in urban health. The course aims to: (1) Describe the history of the United States health care system, and the social, political and economic forces that have lead to its creation; (2) Examine the evolution of alternative health care resources within and without a health care system that is dominated by allopathic medicine; (3) Describe the weaknesses in the current health care system, including issues related to health care costs, quality of care, and access to care; (4) Describe the health safety net in the United States with respect to urban populations; and (5) Describe efforts to reform the US healthcare system.

UHS 6201: Social and Cultural Construction of Health and Illness (3 Credits)

This PhD level seminar describes the social and cultural factors that influence how individuals in the U.S. organize, define and experience illness; engage in illness prevention; seek treatment; and engage with the formal and informal medical systems. The course objectives include: (1) Provide an introduction to anthropological and sociological perspectives on health and illness; (2) Describe the social and cultural production of health; (3) Describe how people conceptualize illnesses and make decisions concerning treatment; (4) Describe major and minor folk traditions concerning the diagnosis and treatment of illness; (5) Describe the nature of interactions between “patients” and the formal and informal medical systems focusing on health care

practitioners; (6) Describe the information sources that people use when confronting illness; and (7) Describe the nature of individual perceptions of risk.

#### UHS 6203 Urban Health Program Evaluation (3 Credits)

This course is designed to provide students with a framework for understanding program evaluation and facilitating integration of evaluation in health services programs. Content will address both the science of evaluation and topics will include goals, methodologies, standards, and address misconceptions regarding the evaluation process. The emphasis is on practical, ongoing evaluation strategies that involve all program stakeholders, not just evaluation experts. The course objectives include: (1) Describe the social and cultural context of health program development; (2) Describe components of and steps in program development; (3) Discuss appropriate theories/models guiding program development and implementation and evaluation; (4) Describe how program implementation and evaluation address macrosocial and microsocial process and effects; (5) Identify various evaluation methods of programs; (6) Analyze appropriateness of evaluation design and methods in monitoring process and outcomes of the program; and (7) Interpret evaluation data to determine program impact, cost and decisions about the program.

### **IV. Advisement**

#### Role of the Faculty Advisor

The Faculty Advisor is a vital link between the entering student and the doctoral program. The Faculty Advisor plays an important role in orienting the student to the Joint PhD Urban Systems Program and the respective academic institutions, assisting with clarification of goals, helping the student to structure a meaningful and integrated course progression, and monitoring the student's advancement in and adjustment to doctoral study. Each Specialization Track Coordinator will be responsible for PhD student advisement or will assign specific faculty members to do so. The specific responsibilities of the Faculty Advisor are to:

- Interpret to the student the doctoral program design, requirements and policies.
- Assist the student in planning objectives for doctoral study and clarifying career goals.
- Assist the student in planning his/her program of study in accordance with the program requirements, individual research interests and career goals.
- Assist the student with registration procedures.
- Approve and sign, where appropriate, all registration materials, drop-add forms and other records.



- Monitor the student's academic progress through communication and discussion with faculty who teach doctoral courses, the reviewing of grades and grade point averages, and meetings with the student on a regular basis.
- Maintain student records, including:
  - Advisement and progression
  - Notation of special advisement consultations, phone calls, emails, etc
  - Assist the student in selecting a dissertation topic (general area for the research) and Dissertation Advisor.
- Forward the student's file to the Dissertation Advisor.
- Determine the student's readiness to take the comprehensive examination.
- Potentially serve as a member of the committee that administers the candidacy examination to the student and
- Maintain, in collaboration with the student, the Program Plan of Study.

#### Student Responsibilities with Respect to Advisement

Each Specialization Track Coordinator will be responsible for PhD student advisement or for assigning specific faculty members to do so. The student is responsible for the following:

- Contacting Faculty Advisor for advisement prior to each semester registration in order for the registration hold to be removed for on-line registration.
- Communicating regularly with his/her Faculty Advisor regarding progress, goals and plans.
- Initiating contact with faculty members whom the students is considering as a Dissertation Advisor.
- Selecting, in collaboration with Faculty Advisor, a Dissertation Advisor.
- Initiating contact with faculty members being considered as members of the Dissertation Committee.
- Selecting in collaboration with the Dissertation Advisor and subject to approval by the Director of the Doctoral Program, members of his/her Dissertation Committee prior to registering for elective/specialty courses.
- Becoming familiar with and complying with all relevant policies and procedures as set forth in the respective university's Graduate Studies catalog and Urban Systems Doctoral Program Handbook.
- Report problems that delay progression in completing degree requirements to the Director of the Doctoral Program and the Graduate Studies Office.
- Request appropriate approval of the Director of the Doctoral Program and, if necessary, of ultimately the Graduate Studies Office, where unusual problems have been encountered in meeting specific deadlines.

### Registration Procedure

The student must meet with their Faculty Advisor for planning purposes prior to the registration period each semester. Registration is required each semester. Registration is handled by the University that houses the specific specialization. NJIT Registrar for Urban Environment and Urban Architectural History, Rutgers' Enrollment Services at the School of Nursing and Rutgers' Registrar for Newark. Students should visit the respective University website for directions for registration, add/drop, payment and class schedules.

### For Urban Health Track students

Online registration and payment are available. Students should contact the Track Director for advisement prior to registration. Enrollment Services is located at:

Rutgers-School of Nursing  
65 Bergen Street  
Stanley S. Bergen, Jr. Building - Room 152  
Newark, New Jersey 07101-1709  
973-972-5336 (phone)  
973-972-7453 (fax)  
<http://rbhs.rutgers.edu/urbsyweb>

### Parking and ID

Instructions for obtaining a parking permit, student ID with access to the Biomedical and Health Sciences library are available from these websites

Parking:

<http://rudots.rutgers.edu/legacy.shtml>

Student IDs:

<http://uhr.rutgers.edu/uhr-units-offices/operations/ru-identification-card/legacy-umd-nj-id-card-information>

### Course Additions and Schedule Changes

The policy for adding and dropping courses is available from the PhD website. Students must be familiar with the add/drop period to avoid penalty charges.

### Continuous Registration Requirements

Continuous registration of at least three credits per semester (Fall and Spring semesters) must be maintained by all PhD students from admission through graduation. Full time students must be registered for the number of credits stipulated by each university (9 credits at Rutgers University). During dissertation advisement, nine credits are allowed to maintain full time status. After 24 credits of dissertation advisement are completed,

the student can register for continuing matriculation status. Refer to the specific policy of the university. A student must register for credit during the term (Fall, Spring or Summer) in which the dissertation defense is scheduled and the degree requirements completed.

If a student is unable to engage in doctoral study for a given semester for health or personal reasons, a Leave of Absence form must be completed and approval obtained from the faculty advisor, Director of the Doctoral Program and the Graduate Studies Office of the university.

At NJIT, students are not permitted to register for MR (Maintaining Registration) if their dissertation is unfinished without approval for a leave of absence by the Dean of Graduate Studies. Students who complete work for dissertation over several semesters receives a pass grade in the semester in which the work is completed and the final document is approved and received in proper format.

#### Discontinuance

Students enrolled in the graduate program who find it necessary to temporarily discontinue their studies may either maintain registration, request a leave of absence, or voluntarily discontinue. A discontinuance form must be filed with the Office of Graduate Studies. International students may not discontinue studies, but may seek approval for a leave of absence at which time maintaining registration may be authorized. Students who have discontinued must follow procedures defined by the university.

#### Leave of Absence

Students who anticipate a protracted absence from doctoral studies may request a leave of absence from the respective university's Office of Graduate Studies

<http://sn.rutgers.edu/studentonly/forms/MaintainingMatriculation-LOA.pdf>

Students requesting a leave of absence for medical reasons will be required to consult with the Office of Student Health Services first. Leaves are granted for up to one year and may be extended for a second year. Leaves of absence are not counted toward the seven-year period in which the degree must be completed, but rules requiring expiration of credit do apply to course work and dissertation research. Students returning, on-time, from an approved leave of absence are not required to apply for readmission but are required to inform the Office of Graduate Studies, Office of University Admissions and the Track Coordinator/Director on their return. They are also required to consult with their advisor. The universities comply with all state and federal laws related to military service.

## Grade Policy

The following grades are used for graduate courses in the PhD Urban Systems Program:

<u>GRADE</u>	<u>GPA</u>	<u>SIGNIFICANCE</u>
A	4.0	Excellent
B+	3.5	Good
B	3.0	Acceptable
C+	2.5	Marginal Performance
C	2.0	Minimum Performance
F	0.0	Failure
I		Incomplete
W		Approved Withdrawal
AUD		Audited (no academic credit)
P		Passing for Doctoral Dissertation and Defense

## Grade Reports

The registrar issues a grade report to each student at the end of each semester. Grades also may be viewed using a confidential password and identification number at the university registrar's home page.

## Incomplete Grades

A grade of I (Incomplete) is given when courses cannot be completed because of special circumstances. Students on academic probation are not permitted incompletes without permission from the university's Office of Graduate Studies. Required course work may be finished at the discretion of the instructor, but no later than one semester after receiving an incomplete grade. A letter grade must be assigned or a grade of F will be given. Students nominated for financial awards must have I (Incomplete) grades resolved by the fourth week of the subsequent semester to allow a determination of their eligibility for the award. Incomplete grades must be rectified before taking qualifying examinations.

## Withdrawal from Course(s)

Students who wish to withdraw from one or more courses should first determine if the withdrawal would have an impact on their full time status, financial support, or academic standing and progress. Students should consult their Faculty Advisor or Track Coordinator/Director in advance. Withdrawals are done by completing and submitting a Schedule Change of Form (NJIT) or Change of Status Form (Rutgers) to the Registrar's Office. Students should be familiar with the university's policy on withdrawal. This form requires the signature of the instructor. This form is available

online or at the respective university's Registrar's Office. Failure to submit this form to the registrar by the deadline will result in a final grade other than W.

<http://sn.rutgers.edu/studentonly/forms/ProgramCourseWithdrawal.pdf>

### Transfer/Waiver of Credit

Course credits earned at other institutions may be offered in partial fulfillment of the requirements for the doctoral program. The following criteria are considered in determining appropriateness of transfer/waiver:

- The course must either be duplicative of courses required within the program or be directly relevant to the student's plan of study and congruent with the doctoral program purposes.
- Only courses receiving graduate credit will be accepted.
- The courses must have been taken within 7 years prior to admission to doctoral studies.
- Courses must have been taken for full academic credit, were never applied for fulfillment of the requirements of any other degree, and a final grade of at least B was attained.
- Up to 9 credits of course work directly relevant to the student's plan of study and congruent with the doctoral program purposes taken at other institutions may be accepted for transfer of credit.
- The student's Faculty Advisor and Track Coordinator/Director must agree that such courses directly relate to the student's program of study before they can be transferred.
- Credits from educational institutions outside the United States (except Canada) cannot be transferred.

The student requesting transfer of credit or waiver should submit the request in writing and a copy of the course syllabus, and any other supportive materials available to his/her faculty advisor. If the course is acceptable, the faculty advisor should write a memo so stating and send the materials to the Track Coordinator/Director who makes the final decision on transfer and waiver courses with the advice of the instructor of course being waived or whose course is being substituted with a transferred course. One copy of the material is sent to the Graduate Office and one copy is placed in the student's permanent file. Requests for transfer credit must be submitted on the Transfer of Credit Request Form

available from the respective university's Graduate Studies Office

[http://sn.rutgers.edu/studentonly/transfer\\_credit\\_request.pdf](http://sn.rutgers.edu/studentonly/transfer_credit_request.pdf), accompanied by the course descriptions from the other educational institution. Students must arrange for the other

institution to send an official transcript to the university's Graduate Studies Office. Requests may be submitted and approved at any time but are not added to the student's record until matriculation is granted and the student has earned 12 course credits. Grades that are transferred are not calculated in cumulative GPAs.

### Scheduling of Classes

Graduate courses are, in general, scheduled during the day and late afternoon and evening hours.

### Course Cancellations

The Doctoral Program does not guarantee offering all or any of the courses listed in the catalog. When there is inadequate registration, a course may be cancelled without notice. The registrar will attempt to notify all students of course cancellations before the first meeting of the semester.

### Academic Performance and Satisfactory Progress Policy

The Joint Urban Systems PhD Program requires that students maintain satisfactory progress in working toward a degree. Federal and state regulations governing financial aid and awards require that students receiving aid from government agencies must meet academic performance and progress requirements defined by the university and approved by the appropriate government agencies. Students are responsible for checking with the respective university's Office of Graduate Studies to determine if they are fulfilling degree requirements.

The university's Office of Graduate Studies, along with academic departments, reviews academic standing of all graduate students at the end of each semester. To have satisfactory academic standing, students must have a cumulative GPA of 3.0 or above, to meet all universities requirements and satisfactory progress toward a degree. Students who do not have satisfactory academic standing are subject to academic warning, academic probation, or academic dismissal.

### Academic Warning

Students who have completed one semester, or less than 15 credits and do not have satisfactory academic standing may be asked by the Office of Graduate Studies to visit in-person to review their academic record and also meet with their graduate advisor. This is not noted on the permanent academic record.

### Academic Probation

Students who have completed two or more semesters, or more than 12 credits, and do not achieve satisfactory academic standing may be placed on academic probation or subject to dismissal. Conditions for continuing graduate studies are sent, in writing, to students on academic probation. The Track Coordinator/Director and the advisor will work with the student to determine approaches toward successful program completion. Course repetition or taking of up to 6 additional credits after nominal completion of coursework are typical of recommendations for students whose GPA is below 3.0 and who have the ability to raise the GPA to 3.0 with appropriate grades.

Students on academic probation may not maintain registration without the approval of the Office of Graduate Studies, Track Coordinator/Director and the student's advisor. Academic probation is noted on the permanent record.

### Appeals

Decisions relating to a graduate student's academic status are made in accordance with regulations approved by the faculty and its standing committee. Committees that set regulations include, but are not limited to, the respective university's Graduate Office/Council and Academic Affairs.

Students who disagree with a decision should attempt to resolve the matter with those immediately responsible. When a matter cannot be resolved at this level, students should appeal following the guidelines stipulated by the respective. At any time, the student may request that the Dean of Graduate Studies be consulted.

A graduate student who remains dissatisfied may appeal the decision as stipulated by their respective university guidelines. The committee's decision, made in writing, is final. Student request for review or appeal must be in writing and state accurately and completely the decision being appealed, when it was made, by whom, and the reason for the request. Requests should be sent to the Dean of Graduate studies. A copy of the request together with transcripts, test scores, and other information that form the student's record are distributed to committee members for their consideration.

### Conditions for Dismissal from the Program

A student may be asked to withdraw or will be dismissed from the Doctoral Program if any of the following events occurs following the opportunity for remediation and /or probation. Failure to:

- Maintain a cumulative GPA of 3.0.
- Pass the comprehensive examination at the second attempt.
- Progress to candidacy within 3 years of admission into the program.

- Complete degree requirements within seven years following admission into the program.
- Demonstrate a satisfactory level of research performance as determined by the Dissertation Advisor and Committee.
- Maintain continuous registration.
- Maintain professional conduct as defined in Rights & Responsibilities noted in NJIT Catalog or website.
- Pay all tuition, fees, and other charges within the required time limits.

Immunization Health Services and Insurance

A student health fee is charged to help defray the cost of providing Student Health Services. This service includes routine examination and emergency care. Full-time students and international students are assessed a fee. Students who can provide proof of insurance may secure a waiver. The State of New Jersey requires all students to submit proof of having two doses of measles vaccine and one dose each of mumps and rubella vaccine. A tuberculin test (PPD) and entrance physical examination are also required. If documentation is unavailable, then re-immunization is required. Students must abide by the School-specific requirements of the university in which they are enrolled.

**VI. Course Requirements**

The 72-Credit curriculum consists of 18 credits of core curriculum, a 12-credit research core, an 18-credit specialization component and a 24-credit dissertation sequence. All students are required to complete the following courses.

	<b>Course Number</b>	<b>Course Name</b>	<b>Credit Hours</b>	<b>Institution</b>
<b>Core Curriculum (18 Credits)</b>	26.977.610	Urban Systems I: Evolution a the American Metropolis	<b>3</b>	RU-N
	URB 6001	Urban Systems II: The Development of U.S. Populations & Trends	<b>3</b>	RBHS
		Urban Systems III: Globalization, International Migration and	<b>3</b>	RU-N



		Contemporary Cities		
		Urban Education Systems: Schools and Communities in the Contemporary World	3	RU-N
		The Good City: Environmental Design & the Quality of Metropolitan Life	3	NJIT
	URB 6004	Determinants and Consequences of Urban Health	3	RBHS
			<b>18 Credits</b>	
<b>Research Core (12 Credits)</b>		Geographical Information Systems	3	NJIT
	26.834.607 or URB 6103	Research Seminar I: Quantitative Methods	3	RU-N
	26.834.609	Research Seminar II: Qualitative Methods	3	RU-N
	URB 6006	Elective By Advisement Statistics II	3	RBHS
			<b>12 Credits</b>	

<b>Specialization Core (18 Credits) (9 Required Credits; 9 Credits Elective)</b>	Urban Health Systems	<u>(18 Credits: 9 Required as noted below and 9 Credits of Electives)</u>		
	URB 6203	Urban Health Program Evaluation		RBHS
	URB 6201	Social and Cultural Construction of		RBHS

		Health		
	URB 6002	Urban Health Systems: History, Structure & Challenges	3	RBHS
	Urban Environments	(18 Credits: 9 <u>Required as noted below and 9 Credits of Electives</u> )		
		Forms in Urban History		NJIT
		Elements of Infrastructure Planning		NJIT
		Architecture Perspectives in Urban Research		NJIT
	Urban Educational Policy	(18 Credits: 9 <u>Required as noted below and 9 Credits of Electives</u> )		
		Sociology of Urban Education: Issues in Race, Class, Gender & Ethnicity		RU-N
		Educational Policy & Urban School Improvement		RU-N
		History of Urban Education		RU-N
<b>Dissertation (24 Credits)</b>	All dissertation Students	Dissertation seminar (0 credits)		

Urban Health Track prerequisites: Introductory Epidemiology (URB 6007) and Basic Statistics (URB 6005)

### Planning a Program of Study

In planning an individualized program of study specific to the student's needs, the following considerations may be helpful:

- Students should postpone taking specialty/elective courses until they have selected a Dissertation Advisor. This allows the student and Dissertation Advisor to be more specific in determining the ultimate area of specialization and provides time to explore course options. This requirement is not intended to slow progression in the program, but ensure that students may have some flexibility when selecting courses needed for dissertation completion.
- The Doctoral Qualifying Examination is taken after completion of all core and research courses. The examination is offered twice per year.
- The student should select a Dissertation Advisor in consultation with their faculty advisor and this process should occur after successful completion of the Doctoral Qualifying Examination.

### Students Responsibilities Related to Progression Plan

The student is expected to:

- Take an active part in planning his/her individualized plan of study, selecting specialty and elective courses.
- Take an active part in selecting a research topic and faculty member as Dissertation Advisor by discussing potential ideas with a variety of faculty.
- Rectify any grades of incomplete according to the policy.
- File a preliminary Plan of Study form (approved by the faculty advisor) with the Track Coordinator/Director.
- Submit to the Dissertation Advisor and Committee a proposed dissertation topic and a written research proposal.
- Submit in writing to the Track Coordinator/Director any changes in the original Plan of Study and to update the plan as needed.
- Submit on time all materials required for graduation and the degree

## **VII. Doctoral Qualifying Examination Guidelines**

### Purpose

Closely contingent on the cross-sectoral framework of the Urban Systems PhD Program, the student will have completed the Program Core Courses (including all research cores courses) prior to registering for the Doctoral Qualifying Examination. The Doctoral Qualifying Examination is an integrative experience designed to validate the student's

readiness to conduct independent research within his/her specialized area of study. Thus, the examination provides an opportunity for the student to demonstrate (1) attainment of a depth of knowledge in urban systems, (2) ability to integrate theory, content and research methods within the broader context of urban systems, and (3) ability to select, apply and evaluate the tools of scientific inquiry in urban systems (i.e. theory development, conceptualization, measurement, research design and statistics).

### Process

Within one (1) semester of completion of all PhD in Urban Systems core courses including all research core courses), students shall take the Qualifying Examination. The Examination consists of two parts: Parts I and II are in-class examinations.

Parts I and II consist of one question each with the general themes distributed on the day of the examination. These questions will cover material in the six (6) Core Courses and require that students synthesize material from the courses to answer the questions. Part I will cover Urban Systems I, II, III. Part II will cover Urban Education Systems, The Good City, and the Determinants and Consequences of Health.

Parts I and II will be graded anonymously by three faculty members in the PhD Program; the research question and the research proposal in Part III will be graded anonymously by at least two faculty members in the PhD Program.

The Specialization Coordinator and the Program Director may assign the paper to two additional readers (*i.e.*, a fourth and fifth PhD Program core curriculum faculty reader) for evaluation. If these faculty readers' evaluations are positive (*i.e.*, resulting in a 3/5 simple majority of all readers), the Specialization Coordinator and PhD Program Director may award a passing "P" evaluation for the Doctoral Qualifying Examination.

A student receiving a passing "P" evaluation on all questions may progress in the PhD Program.

A student receiving a failing "F" evaluation on one or more questions is not permitted to progress in the PhD Program.

Students may repeat the Doctoral Qualifying Examination only once. Students who are unsuccessful in their second attempt of the doctoral qualifying examination are academically dismissed from their program of study. Students who are unsuccessful in their second attempt of the doctoral qualifying examination may appeal to the Specialization Coordinator and the PhD Program Director for reconsideration of their failing "F" evaluation.

## Procedure

Students must have completed all program core and research core courses before being eligible for taking the Doctoral Qualifying Examination. The student will obtain the Doctoral Qualifying Examination Form

(<http://sn.rutgers.edu/academics/phd/files/eligibilityforqualifyingexam.doc>)

from the Track Coordinator/Director and have signatures first from their Faculty Advisor and then the Track Coordinator/Director. The form will be completed and on file in the Track Coordinator/Director's Office prior to taking the examination. The filing dates are as noted below:

Fall examination : mid October	Deadline for filing: May 1
Spring examination: mid February	Deadline for filing: December 1
Summer examination: mid June	Deadline for filing: March 15

The Program Director will determine the dates and locations for the yearly examination schedule. Part I (one question) will be given in the morning 9 am to 1 pm with one-hour for lunch. Part II (one question) will follow lunch from 1 pm to 5 pm.

Each student will complete the examination on a computer provided by the school. At the end of the examination, each student will submit a paper copy and answers on a disk provided by the proctor.

An overall grade is given for the examination. If a student fails an examination question, the student will be responsible for retaking only that part of the examination that the student failed.

Students will be notified by the Program Director of the results within a 4- week period. After completion of the Doctoral Candidacy Examination, the Program Director will forward the results to the respective university's Office of Graduate Studies .

## **VIII. Dissertation Proposal and Defense**

### Development of Dissertation Proposal

It is a good idea for students to develop initial ideas for possible dissertation topics early in their program of study and, when possible, to pursue these ideas in course projects and to discuss them with faculty members and their advisors to get feedback.

Immediately after passing the qualifying exam, a student should choose a chair for his or her dissertation committee. With the chair's guidance, the student should develop

the chosen topic in enough detail to be able to write a preliminary description to review with additional, potential members of the committee.

With help from the committee chair, but also based on his or her own efforts to find qualified members in the relevant topic area, the student should seek out additional members for the committee.

Within six months of passing the qualifying exam, the student should have a dissertation committee in place (a chair and two additional members).

<http://rbhs.rutgers.edu/urbsyweb/urbanhealth/DissertationCommitteeAppointmentReport.docx>

With input from all three members of the dissertation committee, the student develops a dissertation proposal. It is often useful, prior to the dissertation proposal defense, to have a meeting with the entire committee to review a draft of the proposal in order to receive coordinated feedback from the entire committee.

Once the dissertation proposal is complete and in final form, a proposal defense is held with the entire dissertation proposal committee

### Content of Dissertation Proposal

The purpose of the dissertation proposal is to present a complete and well-developed outline of the research for your dissertation. Your dissertation should present original research on a topic related to one of more of the substantive sectors in the Urban Systems Program (education, environment, health) and should, where possible, provide cross-sector analysis showing the relationship between the three sectors. It should become the basis for your chapters or sections in the dissertation on the research problem, theoretical or conceptual framework, literature review and methods. The proposal should be suitable for immediate submission to the Institutional Research Board (IRB) at Rutgers, or NJIT (depending on your school affiliation). Although there is no minimum page requirement, an effective proposal should communicate clearly what the student plans to study based on a substantive review of the literature relevant to the phenomenon being examined.

### **Table of Contents**

The table of contents must list each chapter and the major sub-topics within each Chapter. The Table of Contents should indicate the major dimensions of the topic and a broad descriptive outline of the work to be done. The proposal normally includes extensive elaboration of the research question and conceptual framework, as well as the

methodology to be employed. The proposal, of course, will not include results and conclusions. It would include sections for bibliography/references and a timetable.

### **Abstract**

One page which summarizes the basic structure of the proposal.

### **The Research Problem**

There must be a clear statement of the research problem. This is one of the most difficult aspects of research because it must be something that is of interest to you personally, acceptable to your advisor, important to the study of urban systems and "doable" given your material and intellectual resources. This section must begin with a one-sentence statement of the problem. If it takes more than one sentence, you are probably unclear about the nature of the problem. It is important to note that some problems will be highly descriptive in nature. Other problems might focus on a problem, which is more instrumental in nature. The importance of the research problem to urban systems must be made clear. This involves citation of "authorities" from the various disciplines that study urban systems. Evidence must be presented that you are working on a problem that is going to be regarded as significant.

### **The Model or Conceptual Framework or Theoretical Orientation**

Model, conceptual framework and theoretical orientation are terms that have been variously defined in the methodology literature without a great deal of precision. They all however suggest the great importance of developing or adopting a set of logically related abstract ideas, which are central to your research problem. The principal issue here is the phenomena you are going to look at and the justification for looking at them. The presentation of the model must include definition of key terms and relationships.

### **Review of Literature**

When presenting the research problem, related model and procedures, you must review literature that is related. There must be a review of the literatures, which are relevant to the particular area of the proposal.

### **Methodology/Procedures**

The distinguishing feature of academic research, compared to research by journalists and writers, is the care given to procedures. The appropriateness of the procedures depends directly on the conceptual framework and related research question. The first part of the procedures section of the prospectus must very briefly summarize the research problem and related model.

The procedures section must also include:

- a. The unit of analysis
- b. The research design
- c. The instruments and/or data sources
- d. Sampling strategy, if appropriate
- e. The analytical techniques, including statistical techniques if appropriate.

## **References**

The bibliography should identify works that are central for your problem.

## **Timetable**

Prepare a table, which specifies each stage of your work and the expected completion date.

## Defense of Dissertation Proposal

The Dissertation Proposal Defense is scheduled anytime after the Doctoral Qualifying Examination, preferably, within one year of passing the examination. This defense provides the student an opportunity to engage in an early discussion of research conceptualization with committee members to receive feedback and consultation.

Students are to schedule a defense for the dissertation proposal. The proposal defense will include the chair of the dissertation committee and at least two other members of



the committee. The defense will include a presentation of the above by the candidate and questions by the committee members. The Committee will make recommendations for the dissertation research in writing. When approved, the signed approval is to be delivered to the Track Coordinator/Director.

### Dissertation Committee Membership

The Dissertation Committee shall consist of at least three members: the Dissertation Chairperson and two additional members. The committee shall participate in the development and defense of the dissertation proposal and in guiding the dissertation process.

The Chairperson of the Dissertation Committee (usually the dissertation advisor) will be a faculty member in the PhD program in Urban Systems but need not be in the student's area of specialization should there be a faculty member in another specialization who is qualified by interest and expertise to serve as advisor/chairperson. This person must hold a PhD. The other two members shall have a PhD or the terminal degree in their fields or have a recognized record of research in the topic area of the dissertation.

Of the three members, at least two shall represent two of the areas of specialization of the Urban Systems program and come from two of the three universities sponsoring the Urban Systems program. The third member may come from outside the three universities, provided he or she is expert in the topic of the dissertation. At least one member of the committee shall be from the core faculty of the Urban Systems program.

Prior to the defense of the completed dissertation, a fourth member shall join the committee to constitute the Dissertation Defense Committee (see Section X: Dissertation Defense Guidelines).

### Responsibilities of the Chairperson

The Chairperson of the Dissertation Committee:

1. Assists the student in formulating the research question and theoretical approach and in determining when the student is ready to present the research proposal.

2. Assists in coordinating the date and location of the defense.
3. Assumes responsibility for assuring that the examination meets the established criteria and is of acceptable quality;
4. Assists the student through the procedural steps; and
5. Reports results to the Track Coordinator/Director and the respective university's Office of Graduate Studies .

### Criteria for Evaluation

The following criteria will be used to evaluate the Research Proposal Defense:

1. The problem selected is relevant and significant to the student's chosen specialization.
2. Relevant literature to the problem is reviewed, evaluated and meaningfully synthesized.
3. Student's knowledge is sufficient to develop and implement the research proposal.
4. Ideas are developed logically and in a manner reflecting intellectual creativity and conceptualization.
5. Theoretical issues are presented, examined and critiqued.
6. Methodology is appropriate for research question.
7. Elements of scholarly writing are observed.
8. The document adheres to an acceptable manual of style

All three members of the Dissertation Committee will attend the defense of the proposal. A vote of three out of three is required to pass the proposal.

## Procedure

The student will provide the members of the Dissertation Committee a copy of the research proposal 30 days prior to the Research Proposal Defense date. A copy is also provided to the Track Coordinator/Director. The Chairperson is responsible for arranging the date, time and location for the Research Proposal Defense.

After the proposal defense, the Dissertation Committee members will meet and vote on the proposal. All members must sign the approval form that the student is allowed to progress toward drafting the complete proposal and data collection. Committee members will request modifications of the proposal and those changes will be resubmitted. At the conclusion of receiving a passing grade on the Research Proposal Defense, the Chairperson reports results to the Track Coordinator/Director and the Office of Graduate Studies .

Once accepted, the dissertation proposal serves as a kind of contract. If nothing changes, there is no need to review or amend it once it has been accepted. Should significant changes to the research problem or method be required however, agreement from the entire committee should be sought. And, once the proposal is accepted, no additional requirements can be added by the committee.

## **IX. Dissertation**

The Dissertation Committee is the primary source of consultation for the student during all phases of the research process (conceptualization, collection and analysis of data, interpretation of the findings) and completion of the written dissertation. The PhD Dissertation Committee Appointment report is to be submitted within 12 months after passage of the Doctoral Qualifying Examination.

<http://rbhs.rutgers.edu/urbsyweb/urbanhealth/DissertationCommitteeAppointmentReport.docx>.

Students may not register for dissertation credits until they arrange for a program-approved dissertation advisor to supervise the work. Continued registration for additional dissertation credits will be allowed as long as the advisor grades the work to show that there is satisfactory progress. Credits for which a U (Unsatisfactory) grade is given are not counted as degree credits toward completion of the dissertation. Doctoral dissertation registration may be 3 credits during the summer session. Doctoral dissertation registration must be at least 6 credits during the semester until the total dissertation credit requirements is reached, at which time 3 credits registrations are permitted.

All students must have their advisor's signature and section identification each time they register for dissertation advisement. Students must register for dissertation advisement within the deadlines established by the registrar.

Maximum credit registration each semester is 12-credits for the doctoral dissertation. Additional credit registration, beyond 12, for doctoral dissertation, will require the approval of the Track Coordinator/Director and Office of Graduate Studies.

Once the student has begun the doctoral dissertation, the student must register for these courses each semester until the dissertation is completed. Unapproved interruptions in the dissertation may be subject to billing for omitted credits. Students must be registered in dissertation advisement in any semester or summer session in which completion is expected. The advisor for the dissertation assigns the grade of "P" for Passing when the Office of Graduate Studies confirms it has received all documents in final and approved form and all related bills have been paid and the defense has been passed.

Approval by the Track Coordinator/Director and the Office of Graduate Studies must be obtained if the student wishes to interrupt the dissertation for a semester or more. No more than six years of registration for doctoral dissertation is permitted. Failure to complete a doctoral dissertation in this period will result in a final grade of F and dismissal from the program.

Students who require additional time to complete the dissertation should appeal for an extension, in writing, to the dissertation advisor, Track Coordinator/Director, and the Office of Graduate Studies. If an appeal for an extension is denied, the student may appeal further in the following order: doctoral program director, dean of the school or college and finally to the Graduate Appeals. Appeals to the Graduate Appeals should be directed to the Dean of Graduate Studies and may be accompanied by any materials that the student believes appropriate.

#### Role of the Dissertation Advisor

The Dissertation Advisor assumes all responsibility with respect to academic advisement of the student. In addition, the Dissertation Advisor has the following responsibilities:

- Review the proposed research for scientific quality and provide advisory input to the student;
- Assure appropriate protection of human subjects according to the IRB guidelines and procedures;

- Assist the student with the selection of specialty and elective courses for pursuing a unified program of study supportive of the student's interest and career goals.
- Ensure the Plan of Study has been completed and submitted to the Director of the Doctoral Program for approval before the student registers for elective/specialty credits.
- Serves as Chairperson of the student's Dissertation Committee
- Assists the student in selection of a Dissertation Committee
- Assume primary responsibility for guiding the student throughout the dissertation research process and completion of the dissertation, to include assistance with:
  - Selecting and delimiting a research topic;
  - Developing a dissertation topic that extends to two areas of specialization if possible;
  - Developing a written proposal for the research project;
  - Obtaining permission for the conduct of study from the Institutional Review Board(s) for the Protection of Human Subjects;
  - Carrying out the research as proposed and approved.
- Notify the Track Coordinator/ Director in writing of the proposed dissertation topic and Dissertation Committee membership prior to the student's defense of the research proposal.
- Notify the Track Coordinator/Director in writing when the student has successfully completed the defended dissertation research proposal <http://rbhs.rutgers.edu/urbsyweb/urbanhealth/FinalDissertationApproval.docx>
- Forward a copy of the approval dissertation proposal to Track Coordinator/Director.
- Ensure that the student schedules a meeting with Dissertation Committee to obtain approval for final defense.

Serves as chairperson of the student's final oral examination committee approves and signs the final version of the dissertation. Submits the form certifying the completion of the dissertation to the Office of Graduate Studies .

After the defense of the proposal, the chair of the dissertation committee has primary involvement with the dissertation process but students need to keep the entire committee informed of progress made and may seek out guidance from other committee members in their areas of expertise.

The chair needs to be pro-active, following up with students who are engaged in the dissertation process. Should the need arise, the chair needs to take a negotiating role in

mediating possible conflicts among committee members during the dissertation process.

### Role of the Dissertation Committee

Doctoral students are required to have a dissertation advisor selected, a dissertation committee formed, and the research proposal approved within 12 months of passage of the qualifying examination.

The Track Coordinator/Director is responsible for approving the formation of the dissertation committee

<http://rbhs.rutgers.edu/urbsyweb/urbanhealth/DissertationCommitteeAppointmentReport.docx>

The dissertation committee chairperson typically is the doctoral candidate's dissertation advisor, but other faculty may be selected, provided that they are from the student's specialization.

Two committee members, including the external member, may serve as co-advisors for the dissertation. Changes in advisor or committee membership require the approval of the dean of graduate studies.

The Dissertation Committee, selected on the basis of expertise relevant to the dissertation research, serves in an advisory capacity to the student and assures that the dissertation research and written dissertation are of sufficiently high quality to demonstrate to the scientific community at large the student's competence as an independent researcher. The responsibilities of the Committee are:

- To advise and ultimately approve the dissertation research plan and the written dissertation proposal.
- To be available to the student regarding the research and dissertation including attendance at the proposal approval meeting and dissertation defense;
- Read the dissertation and, when appropriate, designate the dissertation as complete and ready to be orally defended;
- To designate to the student that the dissertation is complete and acceptable; and
- To communicate all Committee decisions in writing to the student and the Track Coordinator/Director.

### What Constitutes an Acceptable Research Endeavor?

The student and the Dissertation Committee shall reach an agreement as to the scope of investigation for the doctoral dissertation. The statements below present a philosophical stance rather than precise evaluative criteria:

1. The problem to be investigated should be relevant and important to urban systems theory and/or practice and be such that the results of the investigation shall extend the knowledge base of urban systems.
2. Research may be experimental, analytical, applied or theoretical, and is approved by the dissertation committee.
3. The problem must be grounded in a theoretical framework and stated in terms wherein it is possible to envision extension or advancement of the theory as a result of the study.
4. The quality of the investigation should lend itself, in part or in whole, to publication in a refereed journal.

### Dissertation Seminar

Every semester students who are registered for dissertation credits and do not yet have a clear topic are required to attend a 0-credit dissertation seminar which will meet four times per semester. At these sessions, students will present work completed to date, raise questions and problems related to their developing topics, hear presentations by outside speakers or by invited faculty, and participate in workshops directed at particular issues.

### Residency

Doctoral candidates must spend at least one academic year in full-time residence. This requirement is sometimes waived with the approval of the dissertation committee and the Office of Graduate Studies. Such waivers are granted when a candidate's dissertation research requires use of research facilities at an approved off-campus site. A typical example for residency requirement waiver would apply in the case of students in the collaborative doctorate program.

### Doctoral Candidacy

Doctoral candidates are doctoral students who have completed all other requirements for the degree except for completion of the dissertation and the defense. This includes, as a minimum, passage of doctoral candidacy examination, approval of the research proposal and completion of all course work. Status as a doctoral candidate does not imply candidacy for the degree.

### Protection of Human Subjects

Students from each specialization should make themselves familiar with the Institutional Review Board (IRB) requirements of their respective school or college. Research proposals involving human subjects are subject to the guidelines and

procedures of the Institutional Review Board of the university in which the student is enrolled. At RBHS, information can be obtained from <https://eirb.rutgers.edu/eIR>.

Should data collection involve subjects who are associated with a formal organization, it may be necessary to submit the proposal for human rights review to the designated body for that organization. This review may be independent of, subsequent or preparatory to obtaining administrative approval for conduct of the study in that organization. Students' IRB submissions are prepared and submitted in consultation with the Dissertation Adviser, following the specific guidelines for the respective university's IRB.

IRB submission packet is signed by the Track Coordinator/Director and processed or file based on the respective school's guidelines..

#### Data Collection

No data may be collected until IRB approval for the project is obtained.

Data may be obtained from a variety of sources and a variety of locations; their acceptability is judged on the basis of relevance to the research questions and/or hypotheses to be tested.

A student need not collect data personally; the appropriateness of utilizing another person or persons to collect data is determined by design. However, it is expected that the student will have personally utilized all instruments and procedures. If another person or persons are used for data collection, the student is responsible for training and supervision of data collectors in so far as this is possible given the circumstances of the study. An existing data set can be utilized if appropriate.

#### Data Analysis

The plan for data analysis shall be such that assumptions underlying the use of all statistical procedures be met or their violations justified. Appropriate caution will be observed in both the analysis and interpretation of the findings.

It is possible that additional hypotheses, research questions and proposed procedures for analysis may be generated during the processes of data collection and analysis and that attention may be given to these within the dissertation. The Dissertation Committee should be consulted prior to work on these emergent areas.

#### Dissertation Defense



It is the responsibility of each student to determine the preference of each committee member to see each draft chapter as it is completed or to review an entire draft of the dissertation.

The dissertation should be a scholarly publication of the quality to warrant conference presentation or paper submission to reputable journals. The dissertation must be defended in a publicly announced oral defense. Successful defense of the dissertation is determined by vote of the dissertation committee. All members of the committee must be present to hear the defense. A vote of three out of four is required for the dissertation to pass.

Students are responsible for following the policies of the program and the university. A different style manual can be recommended by the PhD Program in Urban Systems. The Office of Graduate Studies policies on dissertation formatting, number of copies, deadlines, fee payments, information documents, and grade submission for acceptance of the final dissertation and abstracts and degree certification are also to be followed.

Every member of the Dissertation Defense Committee must sign and date the approval page of the final dissertation document. The Office of Graduate Studies provides guidance and assistance to the students working on the final details of the dissertation. The web site is <http://www-ec.njit.edu/~hc14186/gso/timetable.html> or <http://rbhs.rutgers.edu/urbsyweb>. Students should contact the office for appointments early in the final semester. Each semester students are encouraged to attend workshops for support and guidance of the dissertation process.

## **X. Dissertation Defense Guidelines**

The dissertation defense is scheduled after the dissertation has been completed and approved by the student's Dissertation Defense Committee, composed of the Dissertation Committee and one additional member (see below). Policies pertaining to the Dissertation Defense as determined by the Graduate Studies Office are detailed above in the dissertation guidelines.

The date for the defense of the dissertation is set by the dissertation committee chair and only when all three members of the dissertation defense committee and the chair have determined that the dissertation is of high enough quality to be defended. No defense date should be set until this determination is made.

It is expected that, in addition to the copies of the completed dissertation submitted to the Graduate School, the student will provide each member of the Dissertation Committee, the Track Coordinator/Director and the Office of Graduate Studies with a copy of the completed dissertation.

#### Composition of the Dissertation Defense Committee

The Dissertation Defense Committee shall consist of four members: the three members of the Dissertation Committee and one additional member, or 'reader', who may come from the program, from outside the program but from one of the three universities or from outside the universities provided he or she is expert in the topic of the dissertation. The reader shall have a PhD or the terminal degree in his or her field or have a recognized record of research in the topic area of the dissertation.

Of the four members of the Dissertation Defense Committee, only one may be external to the three universities and at least one must come from outside the Program in Urban Systems. The reader must be chosen prior to the completion of the completed first draft of the dissertation. The reader will read this draft and make recommendations prior to the defense. The reader will join the Dissertation Committee Members in determining that a defense can be held (see below: Conduct of the Dissertation Defense).

Nomination for membership of the reader on the committee will be submitted to the Office of Graduate Studies by the Dissertation Advisor, via the Track Coordinator/Director at least 6 months prior to the anticipated defense dates. The Dissertation Advisor chairs the Dissertation Committee.

#### Conduct of the Dissertation Defense

Prior to the final defense, the Dissertation Defense Committee meets in private to decide on the following matters:

- That the document is acceptable as a doctoral dissertation and that it is defensible. If a majority of the committee agrees that the dissertation is not defensible, the examination is cancelled. If the dissertation is defensible, the examination will proceed.
- Procedure: e.g., length of time for the initial presentation by the candidate; whether the initial presentation may be interrupted by questions or whether it should be completed before the questioning begins; maximum time interval allowed before the questioning begins; maximum time interval allowed to an individual examiner on the first round of questioning. A reasonable period of time for the initial presentation would be 15 to 30 minutes and the first round of

questioning one hour or one and one-half hours. Unless there is serious question about the candidate's performance, it seems unreasonable for the examination to go much beyond two hours.

All dissertation defenses final are open to members of the Graduate Faculty with the permission of the Chairperson but only members of the committee may examine the candidate. All spectators must withdraw while the committee deliberates on the examination and arrives at its decision.

A final grade for a completed and approved dissertation and defense is P for passing

#### Deadline Waiver

Applicants for January or May graduation whose doctoral dissertation is substantially complete, but who are unable to submit it in final form by the specified date, may request a deadline waiver from the office of graduate studies before it is due. Students granted a waiver may be permitted until a date as specified by the Office of Graduate Studies to submit a final copy of the work to the office. Such students may then apply for the next scheduled graduation without having to pay for additional doctoral advisement. Students who do not meet the deadline waiver will be required to register for doctoral dissertation in the subsequent enrollment period to obtain a final grade.

#### Change in Name/Address/Telephone Number/Email

Changes in students name, address, telephone number and Email should be immediately communicated in writing to the following:

- Student's Faculty or Dissertation Advisor
- Office of the Director of the Doctoral Program
- Office of Admission and Enrollment Management
- Office of the Registrar
- Following graduation, address changes should be submitted to the Director of the PhD Program to facilitate contact with alumni

## **XI. Libraries**

In order to facilitate the ability for students to utilize all three libraries of the program, a 'cross-registration' course has been created for students in joint programs. The course is: Cross Registration, 26.485.799. It carries 0 credits and is not billable. The index number is 52018. All PhD Urban Systems students should be registered for it, regardless of whether they are actually cross-registered.

**NJIT:** <http://architecture.njit.edu/academics/graduate/phd-urbansystems.php>  
**Rutgers:** <http://libraries.rbhs.rutgers.edu/>

## **XII. Financial Assistance**

Sources of student financial assistance vary from year to year. Some currently available sources listed below. Interested students should contact their specialization coordinator and the Director of Doctoral Programs for additional information.

**NJIT:** <http://architecture.njit.edu/academics/graduate/phd-urbansystems.php>

**Rutgers-School of Nursing (RBHS):** <http://sn.rutgers.edu/>

## **XIII. ID and Parking**

**NJIT:** Catalog reference  
**Rutgers:** Parking  
<http://rudots.rutgers.edu/legacy.shtml>

Student IDs  
<http://uhr.rutgers.edu/uhr-units-offices/operations/ruidentification-card/legacy-umdnj-id-card-information>

Shuttle Service  
[http://rudots.rutgers.edu/DOTS\\_files/Shuttle%20Schedule.pdf](http://rudots.rutgers.edu/DOTS_files/Shuttle%20Schedule.pdf)  
<http://rudots.rutgers.edu/>

Students must consult with their respective university or Track Coordinator/Director regarding procedure for obtaining an ID card and a parking decal.

**ATTACHMENT A**

**New Jersey Institute of Technology  
Rutgers University, Newark  
Rutgers-School of Nursing (RBHS)  
Joint PhD Program in Urban Systems  
Plan of Study**

Student's Name: \_\_\_\_\_ Enrollment Date: \_\_\_\_\_

Specialization:      Health: \_\_\_\_\_  
                                 Environment: \_\_\_\_\_  
                                 Educational Policy: \_\_\_\_\_

Social Security Number: \_\_\_\_\_

Home Address: \_\_\_\_\_

Home Telephone Number \_\_\_\_\_

Workplace Address: \_\_\_\_\_

Work Telephone Number: \_\_\_\_\_

Email: \_\_\_\_\_

\_\_\_\_\_

Doctoral Qualifying Examination:      Date Taken: \_\_\_\_\_      Grade: \_\_\_\_\_

Research Defense Proposal: \_\_\_\_\_

Advisor: \_\_\_\_\_

Dissertation Advisors: \_\_\_\_\_

\_\_\_\_\_

Signature/Date of Advisor at time of transfer to Dissertation

Advisor \_\_\_\_\_

**New Jersey Institute of Technology**  
**Rutgers University, Newark**  
**Rutgers-School of Nursing (RBHS)**  
**Joint PhD Program in Urban Systems**  
**Plan of Study**  
**Course Requirements**

The 72-Credit curriculum consists of 18-credits of core curriculum, a 12-credit research core, an 18-credit specialization component and a 24-credit dissertation sequence. All students are required to complete the following courses.

	<b>Course Number</b>	<b>Course Name</b>	<b>Credit Hours</b>	<b>Institution</b>
<b>Core Curriculum (18 Credits)</b>	26.977.610	Urban Systems I: Evolution a the American Metropolis	<b>3</b>	RU-N
	URB 6001	Urban Systems II: The Development of U.S. Populations & Trends	<b>3</b>	RBHS
		Urban Systems III: Globalization, International Migration and Contemporary Cities	<b>3</b>	RU-N
		Urban Education Systems: Schools and Communities in the Contemporary World	<b>3</b>	RU-N
		The Good City: Environ meal Design & the Quality of Metropolitan Life	<b>3</b>	NJIT
	URB 6004	Determinants and Consequences of Urban Health	<b>3</b>	RBHS
			<b>18 Credits</b>	
<b>Research Core (12 Credits)</b>		Geographical Information Systems	<b>3</b>	NJIT
	26.834.607 or URB 6103	Research Seminar I: Quantitative Methods	<b>3</b>	RU-N
	26.834.609	Research Seminar II: Qualitative Methods	<b>3</b>	RU-N
		Elective by Advisement	<b>3</b>	
	URB 6006	Statistics II		RBHS

			<b>12 Credits</b>	
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<b>Specialization Core (18 Credits) (9 Required Credits; 9 Credits Elective)</b>	Urban Health Systems	<u>(18 Credits: 9 Required as noted below and 9 Credits of Electives)</u>		
	URB 6203	Urban Health Program Evaluation	<b>3</b>	RBHS
	URB 6201	Social and Cultural Construction of Health	<b>3</b>	RBHS
	URB 6002	Urban Health Systems: History, Structure & Challenges	<b>3</b>	RBHS
	Urban Environment Studies	<u>(18 Credits: 9 Required as noted below and 9 Credits of Electives)</u>		
	ARCH770/662-031	Development of the American City	<b>3</b>	NJIT
	ARCH639/739	Architecture & Health: The Pathology of Urban Systems	<b>3</b>	NJIT
		Architecture Perspectives in Urban Research	<b>3</b>	NJIT
	Urban Educational Policy	<u>(18 Credits: 9 Required as noted below and 9 Credits of Electives)</u>		
		Sociology of Urban Education: Issues in Race, Class, Gender & Ethnicity	<b>3</b>	RU-N
		Educational Policy & Urban School Improvement	<b>3</b>	RU-N
		History of Urban Education	<b>3</b>	RU-N
<b>Dissertation (24 Credits)</b>				







ATTACHMENT C

NEW JERSEY INSTITUTE OF TECHNOLOGY

SAMPLE

Transfer Credit Request Form
Office of Graduate Studies

Joint PhD Program in Urban Health Systems

Urban Health Track

TRANSFER CREDIT REQUEST FORM

USE OF THIS FORM: Indicate below if you are requesting Prior Approval or transfer of Credits Already Earned. For prior approval, submit a copy of the course description(s). For courses already taken, submit a copy of the course description and request that an OFFICIAL TRANSCRIPT be sent to the Enrollment Services.

[ ] Prior Approval to take course(s) at another college or university for credit towards Rutgers-School of Nursing (RBHS)

[ ] Credits already earned at another college or university to be transferred to the Joint PhD program

Name: \_\_\_\_\_ Date Started: \_\_\_\_\_

SS or ID #: \_\_\_\_\_

Address: \_\_\_\_\_ City, State, Zip: \_\_\_\_\_

Degree and Level: \_\_\_\_\_

Phone #: \_\_\_\_\_ E-mail: \_\_\_\_\_

TRANSFER CREDIT REGULATIONS: Up to nine (9) credits may be transferred for credit provided that they were taken at an accredited college or university in the United States, were not used in fulfillment of a previous degree awarded, earned a final grade of 3.0 or above on a scale whose maximum is 4.0, were earned in graduate level course(s) for which full academic credit was awarded, were in units of at least 3 credits and were not earned more than seven years ago. Credits earned in quarter systems will be converted to equivalent semester credits.

Table with 5 columns: Course ID & Name, College/University, Semester & year Taken, # of Credits and Grade Earned, PhD course being Substituted

APPROVAL :

Admissions Committee Members:

Program Coordinator: \_\_\_\_\_ Date \_\_\_\_\_

Member: \_\_\_\_\_ Date \_\_\_\_\_

Member: \_\_\_\_\_ Date \_\_\_\_\_

Dissertation Advisor: \_\_\_\_\_ Date \_\_\_\_\_

**COURSES AND CREDITS APPROVED FOR TRANSFER**

<b>Course ID &amp; Name</b>	<b>PhD course being substituted</b>	<b>Total credits approved</b>

ENROLLMENT SERVICES APPROVAL \_\_\_\_\_ Date \_\_\_\_\_

ATTACHMENT D



NEW JERSEY INSTITUTE OF TECHNOLOGY  
RUTGERS UNIVERSITY-NEWARK  
RUTGERS-SCHOOL OF NURSING (RBHS)

SAMPLE OF DOCTORAL QUALIFYING EXAMINATION  
APPROVAL FORM



This form acknowledges that

\_\_\_\_\_ has completed all Joint PhD Urban Systems Core and Research courses and is prepared to take the Doctoral Candidacy Examination.



Semester and year exam to be taken: \_\_\_\_\_

Total Number of Credits earned: \_\_\_\_\_

Semesters in Program: \_\_\_\_\_

Attached is a transcript verifying the number of credits earned and courses taken.

Advisor Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Program Director Signature: \_\_\_\_\_

Date: \_\_\_\_\_

**ATTACHMENT E**

**NEW JERSEY INSTITUTE OF TECHNOLOGY  
OFFICE OF GRADUATE STUDIES**

**SAMPLE**

**PhD** \_\_\_\_\_ **EXAMINATION REPORT**  
(Indicate Type of Exam)

**USE OF THIS FORM:** The form must be submitted to the Office of Graduate Studies upon completion of grading for qualifying, specialization, parts of multipart qualifying, research proposal or any other PhD examination except for the dissertation defense, which is reported on another form.

PhD PROGRAM: \_\_\_\_\_ EXAM. DATE: \_\_\_\_\_

EXAMINATION COMMITTEE CHAIR: \_\_\_\_\_

MEMBERS OF EXAMINATION COMMITTEE: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

PROCTOR FOR EXAMINATION: \_\_\_\_\_

STUDENTS TAKING EXAMINATION:

<u>STUDENT NAME</u>	<u>ID NUMBER</u> <u>CONDITIONS</u>	<u>PASS/FAIL</u>
_____	_____	_____

STUDENTS ABSENT FROM EXAMINATION: \_\_\_\_\_

(NAME/I.D. NUMBER): \_\_\_\_\_

PERSON COMPLETING THIS REPORT: \_\_\_\_\_

SIGNATURE/DATE, PhD PROGRAM DIRECTOR: \_\_\_\_\_

SIGNATURE/DATE, DEPARTMENT CHAIR: \_\_\_\_\_

SIGNATURE/DATE, GRADUATE STUDIES: \_\_\_\_\_

**ATTACHMENT F**

**NEW JERSEY INSTITUTE OF TECHNOLOGY  
OFFICE OF GRADUATE STUDIES**

**SAMPLE**

**PhD DISSERTATION COMMITTEE APPOINTMENT REPORT**

**USE OF THIS FORM:** This form is completed on formation of the PhD dissertation committee. The committee must be formed within 6 months after passage of the qualifying examination. The policy for the formation of the committee is described in the latest Graduate Catalog.

PhD PROGRAM: \_\_\_\_\_

NAME OF DOCTORAL CANDIDATE: \_\_\_\_\_  
LAST FIRST

NJIT I.D. OR SOCIAL SECURITY #: \_\_\_\_\_

DATE OF ACCEPTANCE OF RESEARCH PROPOSAL: \_\_\_\_\_

PRELIMINARY TITLE OF DISSERTATION: \_\_\_\_\_  
\_\_\_\_\_

NAME, RANK, DEPARTMENT/AFFILIATION OF DISSERTATION COMMITTEE CHAIR:

\_\_\_\_\_  
Name Rank Department/Affiliation

NAMES, FACULTY RANKS, AFFILIATIONS OF COMMITTEE MEMBERS:

\_\_\_\_\_  
Name Rank Department/Affiliation

\_\_\_\_\_  
Name Rank Department/Affiliation

\_\_\_\_\_  
Name Rank Department/Affiliation

PERSON COMPLETING THIS REPORT: \_\_\_\_\_ DATE \_\_\_\_\_

DEPARTMENT CHAIR APPROVAL SIGNATURE: \_\_\_\_\_ DATE \_\_\_\_\_

RECEIVED BY OFFICE OF GRADUATE STUDIES: \_\_\_\_\_ DATE \_\_\_\_\_

CC: WHITE (GRADUATE STUDIES), YELLOW (DEPARTMENT), PINK (STUDENT)

RSK 4/12/93

**ATTACHMENT G**

**NEW JERSEY INSTITUTE OF TECHNOLOGY  
OFFICE OF GRADUATE STUDIES**

**SAMPLE**

**PhD DISSERTATION DEFENSE REPORT**

**USE OF THIS FORM:** This form must be completed by either the Dissertation Committee Chair or the Doctoral Program Director immediately after the defense and submitted to the Office of Graduate Studies Office.

PhD PROGRAM: \_\_\_\_\_

NAME OF DOCTORAL CANDIDATE: \_\_\_\_\_

STUDENT ID # OR SOCIAL SECURITY #: \_\_\_\_\_

FINAL TITLE OF DISSERTATION: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

DATE OF DEFENSE: \_\_\_\_\_

DISSERTATION ADVISOR(S): \_\_\_\_\_

MEMBERS OF DISSERTATION COMMITTEE AT DEFENSE: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

RESULTS OF DEFENSE:      PASS: \_\_\_\_\_      FAIL: \_\_\_\_\_

CONDITIONS/COMMENTS: \_\_\_\_\_

PERSON COMPLETING THIS REPORT: \_\_\_\_\_

DEPARTMENT CHAIR SIGNATURE: \_\_\_\_\_      DATE: \_\_\_\_\_

DATE REPORT RECEIVED IN GRADUATE STUDIES OFFICE: \_\_\_\_\_

GRADUATE STUDIES SIGNATURE: \_\_\_\_\_

