INTRODUCTION

The purpose of this document is to state explicitly what the Developmental Area expectations are for graduate students. Some of this information is covered in other sources, such as the Experimental Program Handbook and the Graduate School Bulletin (available online at http://www.rgs.uky.edu/gs/bulletin/bullinfo.html). This handout is meant to clarify and supplement those sources, not to replace them. Most important, the rules and requirements as stated in the Departmental Handbook remain the final authority, and any discrepancies between that source and what is written here should be resolved in favor of the Handbook. Students should realize that it is ultimately their responsibility to keep appraised of important Department and Graduate School requirements, deadlines, and regulations.

GRADUATE TRAINING IN THE DEVELOPMENTAL AREA

The Developmental Area provides integrated course work and individualized training designed to prepare students for a career in research and teaching. The major aim of graduate training is to develop a strong theoretical and methodological foundation in developmental psychology. Graduate students receive comprehensive training on cognitive and socio-emotional development within multiple contexts (family, school, cultural, and social). Students will be exposed to a variety of behavioral, neural, and statistical techniques employed in the study of development. Students graduating from this program have obtained positions in universities, colleges, industry, and government.

CORE FACULTY

Bhatt, Ramesh, Professor, University of Iowa, 1988. Social perception, attention, and cognitive development in infancy and childhood.

Brown, Christia Spears, Assistant Professor, The University of Texas at Austin, 2003. Children's gender and ethnic attitudes, stereotypes, and experiences with discrimination.

Keller, Peggy, Assistant Professor, University of Notre Dame, 2006. Social and emotional development; developmental psychopathology; family risk and relationships; sleep; physiological stress response.

Lorch, Elizabeth, Professor, University of Massachusetts, 1981. Cognitive development, attention, reading, television viewing, drug abuse prevention, development of attention and comprehension in children with ADHD, science education.

Lorch, Robert, Professor, University of Massachusetts, 1980. Text processing, memory and cognitive processes, science education.
REQUIREMENTS

1) Course Requirements

   a) Departmental

       Statistics sequence:
       PSY 610 - Experimental Design
       PSY 611 - Correlational Design

   b) Developmental Area Course Requirements
       Within all Developmental Area course requirements, choices of specific courses must be
       approved by the advisor and/or the advisory committee.

       (1) PSY 780 – Problems in Psychology
           Taken each semester prior to taking the qualification exam

       (2) Any three Proseminars in the following areas: Learning, Cognition,
           Development, Sensation and Perception, and Social

       (3) Additional course work or experience as recommended by advisory
           committees. This includes a minimum of 3 graduate courses, typically advanced
           topical seminars.

       It is important to note that with regard to course requirements (and all departmental
       requirements, for that matter), some flexibility is possible. Depending on particular student
       needs, a given requirement may or may not be reasonable and may in fact be waived. For
       example, a student in his or her last year may wish to devote more time to research and applying
       for jobs rather than taking a course that is being offered that semester. Students are always
       permitted to petition their committees for exemptions to any requirement, although of course
       there are no guarantees that such petitions will be granted.

       A final thought about course work: Beginning graduate students are often unduly
       anxious about their performance in classes. It can be difficult to make the transition from an
       undergraduate perspective, where classes and GPA were all-important, to a graduate perspective,
       where course work is a necessary but decidedly less important component (compared to
       research) of your graduate work. It will be tempting for you to focus your time and energies
       largely on your course work, as the work load for these classes may seem at times
       overwhelming. We urge you not to yield to that temptation. Research should remain your top
       priority.

2) Research

   It is expected that all students in the Developmental area will be involved in research
   throughout their course of study towards the Ph.D. The area has two formalized requirements
   that are designed to train the student in conducting research:
(a) Master's thesis

(b) Ph.D. Dissertation

Early each semester, either before classes start or during the first week, you should meet with your advisor. During this meeting you will discuss the research you have in progress and what goals you wish to set for the upcoming semester. These goals should be fairly specific. It has been our experience that regular, frequent meetings only help to keep students on track with research; they never impede research progress. Thus we urge you to set up a regular meeting time with your advisor. More frequent meetings (e.g., weekly or biweekly) are especially important for beginning students, but advanced students need regular contact with their advisors as well.

3) Allied Area

Each student is expected to develop an allied area to gain expertise in some area outside of the student's main research specialty. This requirement can be satisfied by course work or research or professional experience. The selection of an appropriate allied area project will be made by the student in consultation with the advisory committee. This requirement should be completed prior to scheduling the qualifying examination.

4) Qualifying Examination

Each student must pass the qualifying examination to be promoted to doctoral candidacy. The exam is intended to be a demonstration that the candidate has developed a broad, defensible perspective on his or her area of study. The specific content of the examination will be determined in discussions between the student and the advisory committee. Discussions will also determine the format of the examination. However, the examination for all students will contain a written component followed by an oral component. Finally, discussions will determine how long the student will have to complete preparations to take the written and oral components of the examination.

At the appropriate time the student will schedule the oral defense with the Graduate School. The oral defense will lead to a “Pass” or “Fail” evaluation. If a student fails the initial oral defense, the Ph.D. Qualification Examination Advisory Committee determines the conditions to be met before another examination may be given. The minimum time between examinations is four months. A second examination must be taken within one year after the first examination. A third examination is not permitted.

5) Teaching

All students are expected to gain teaching experience, generally consisting of service as a teaching assistant or instructor. Students are also encouraged to take courses and attend workshops pertinent to teaching, especially if teaching is a part of one’s primary career goal. A formal "teaching specialty" may be pursued, which can serve as an allied area for interested students. It will consist of course work pertinent to college teaching, a systematic assignment of teaching assistantships, and in some cases a teaching internship at the University of Kentucky or one of several liberal arts colleges in the area. You may even consider working toward a
Graduate Certificate in College Teaching and Learning offered by the Graduate School. More information about this certificate is provided at http://www.research.uky.edu/gs/StudentDevelopment/CTLCertificate.html

CREDIT FROM OTHER INSTITUTIONS

Students admitted to the graduate training programs in Clinical or Experimental Psychology who have completed an empirical thesis on an appropriate topic at another institution may have the requirement for completion of a master’s thesis in the department waived through the following process:

1. The student should notify, in writing, his or her assigned academic advisor as well as the coordinator of the appropriate area that he or she desires to have the requirement for completion of a thesis in the graduate program in psychology waived.

2. In order to be eligible for this consideration, the thesis must have been formally accepted as completed at the outside institution, and written documentation to this effect must be provided. Students matriculating in the department who have not yet defended the thesis at the outside institution have one year from the start of classes in the graduate program at U.K. to exercise this option.

3. The thesis will be reviewed by the student’s assigned academic advisor as well as one other faculty member chosen in consultation with the area coordinator. These two reviewers will render an opinion, in writing, to the coordinator of the area regarding the acceptability of the outside thesis as a substitute for completion of a thesis at U.K. In the event of a disagreement between the two readers, the area coordinator will appoint a third reader as a “tie-breaker”.

4. If the readers of the thesis judge the thesis acceptable as a substitute for one completed in the graduate program at U.K., the area coordinator will write a letter to this effect to the Director of Graduate Studies (DGS) as well as the Chair of the Graduate Student Advisory Committee (GSAC) with a copy placed in the student's file.

5. If the readers determine that the thesis is not acceptable as a substitute for a thesis completed at U.K., the area coordinator must also notify the DGS and Chair of GSAC to this effect. In the case of this outcome, the student may be held to the usual deadlines for completion of a thesis at the discretion of GSAC. GSAC will notify the student of its decision in this regard in a timely fashion.

6. Students who submit a thesis as a substitute but have it rejected by the readers may appeal the decision to GSAC, which will have final discretion in the matter.

In addition to the Master’s thesis, it is possible for students with prior graduate work at another institution to waive some of these requirements by obtaining special permission from GSAC or by taking appropriate by-pass exams. Arrangements for such exams must be made with the instructor of the specific course well in advance of the expected test date.
STUDENT SUPERVISION

Student supervision occurs on three levels: primary faculty advisor, faculty advisory committee, and the entire Developmental Area faculty. Each student will choose (or be assigned) a primary advisor, or mentor, upon entering the program. The student in consultation with the mentor will form the various committees listed below. These committees are primarily composed of faculty within the area, but faculty from other units, and in some case from other institutions, can also serve. There is usually considerable overlap in the composition of these committees, but students do have the prerogative of selecting different faculty for subsequent committees. It is expected that these committees will meet at least once each academic year. There are four points during a student's career that constitute logical points at which the composition of the advisory committee are considered: (1) during the first year of enrollment, the student must form an initial advisory committee; (2) at the point where a Master's thesis project is defined, the committee might undergo a change; (3) upon completion of the thesis the Ph.D. qualification examination advisory committee must be formed; (4) upon completion of the qualifying exam, a student might elect to make changes in the dissertation advisory committee for supervision of the dissertation. At the end of the spring semester, each student receives a letter summarizing the results of the yearly Developmental Area faculty review of student progress.

Initial Advisory Committee

The initial advisory committee should be formed by the end of the first year of enrollment. This committee will consist of the student's mentor and (at least) two other faculty members. The purpose of this committee is to guide the student's early progress in the program. The student will consult with this committee to select courses, define a research specialty, and begin development of the Master's thesis project. This committee will supervise all aspects of the student's academic experience until the Master's advisory committee is formed.

Master’s Advisory Committee

The primary responsibility of this committee is to guide completion of the Master's thesis. This committee will consist of the student's mentor and (at least) two other faculty members; the student's initial advisory committee may well serve as the thesis committee. The student will consult with this committee to develop a research idea that is then formalized into a Master's thesis proposal. This committee will determine the adequacy of the proposal, guide completion of the project, supervise other aspects of the student's academic progress during this time, and conduct the oral defense of the Master's thesis.

Ph.D. Qualification Examination Advisory Committee

During the year following successful defense of the Master's thesis, the student must form a committee that will supervise the qualifying examination and dissertation. This committee will consist of the student's mentor and three other faculty members, at least one of whom must be outside of the Department of Psychology. One purpose of the committee is to advise and approve the allied area plan. Another purpose of the committee is to guide the preparation and completion of the student's qualifying examination, including both written and oral components.
Dissertation Advisory Committee

This committee may be the same as the Ph.D. Qualification Examination Advisory Committee. It is responsible for supervising academic progress during the remainder of the student's tenure, including the development, completion, and evaluation of the student's Ph.D. dissertation. Each student will develop a formal dissertation proposal, which will be evaluated by the committee. In accord with guidelines of the Graduate School, this committee will also conduct the oral defense of the dissertation, which is the final formal requirement for the Ph.D.

RECOMMENDED TIMETABLE OF PROGRESS

Fall of first year: Initial Advisory Committee formed and meets
Spring of first year: Master's Advisory Committee formed
Fall of second year: Master's thesis proposed and research begun
Spring of second year: Master's thesis defended
Fall of third year: Ph.D. Qualification Examination Advisory Committee formed
Spring of third year: Allied Area work completed
Fall of fourth year: Qualifying Examination passed
Spring of fourth year: Dissertation Advisory Committee formed
Fall of fifth year: Dissertation proposed and research begun
Spring of fifth year: Dissertation defended

EVALUATION OF PROGRESS

Students will receive explicit, timely feedback concerning their progress in the program. Students will be evaluated by the faculty of the program at several points during their academic careers.

Annual Evaluations

As stated earlier, all students will be evaluated by Developmental Area faculty at the end of each academic year. Students will submit a statement of their accomplishments during the year and those accomplishments will be evaluated against students' statements of goals at the beginning of the academic year. In addition, any other information relevant to an evaluation of the student's professional progress will be considered (e.g., performance in teaching assignments, class participation, etc.). The content of the discussion will be communicated to the student in a letter from the advisor, Developmental Area Coordinator, and Director of the Experimental Program which will be approved by all faculty before it is conveyed to the student. Students are encouraged to meet with the Developmental Area Coordinator and his/her advisor following
receipt of this letter.

Master’s Thesis

The end of the fourth semester in the program is the goal for the completion of the Master's thesis. According to GSAC regulations, if the thesis is not completed by the start of classes in the sixth semester in the program, the student may have to meet with GSAC and could be subject to dismissal from the program.

Qualifying Examination

The qualifying examination is the point in a doctoral program where a determination is made of whether the student will be promoted to candidacy for the Ph.D. The examination consists of a written and oral component, as described previously. It is expected that the oral defense is completed by the end of the fourth year of matriculation. If the qualifying exam has not been completed by the start of classes in the ninth semester (i.e., Fall of fifth year), the student may be placed on probation.

Academic Probation

Students will receive explicit feedback about their progress in the program. In cases where the advisory committee rates either quality of performance or rate of progress to be inadequate, the Developmental Area faculty may place the student on academic probation. When placed on probation, the Developmental Area faculty will recommend a course of action that will allow the student to set goals for improvement. The student will receive a letter from the coordinator of the Developmental Area that outlines the nature of the problem leading to probation and the goals the student must achieve to end the probation period. A timetable for reaching these goals will be included in the letter. The student on probation will also meet with his/her mentor and the Developmental Area Coordinator to discuss the nature of the problem and the work needed for improvement. Probation periods will not normally extend beyond one year.

COURSE LOAD

The usual course load for students receiving non-service fellowships (financial awards that do not require specific teaching or research participation) is 12 credit hours. The usual course load for students on teaching (T.A.) or research assistantships (R.A.) is 9 credit hours each semester, and assistantship duties are limited to a maximum of 20 work-hours/week. A student must be officially enrolled with the graduate school for at least 9 credit hours in order to be considered a full-time graduate student. Once required course work has been completed, full-time status is maintained through enrollment in variable-credit research hours (PSY 781). At the appropriate time, students must also register for Master’s Degree Research Credit (PSY 768) and Doctoral Degree Research Credit (PSY 769). Premaster’s Research Credit is PSY 790.

COURSES OFFERED

PSY 621 PROSEMINAR IN LEARNING. (3 credit hours)
An intensive treatment of concepts, methodology, and current developments in the field of learning.
PSY 623 PROSEMINAR IN SENSATION AND PERCEPTION. (3 credit hours)
An intensive examination of the facts, methods and concepts involved in the study of sensory
and perceptual processes. Prereq: Consent of instructor.

PSY 624 PROSEMINAR IN SOCIAL PSYCHOLOGY. (3 credit hours)
An intensive examination of the methods and data of social psychology with emphasis on social
attitudes. Prereq: PSY 344 or 314 or equivalent.

PSY 625 PROSEMINAR IN DEVELOPMENTAL PSYCHOLOGY. (3 credit hours)
An intensive treatment of theoretical and experimental literature, both classical and
contemporary, in developmental psychology. Prereq: Admission to the graduate program in
psychology or consent of instructor.

PSY 628 PROSEMINAR IN COGNITIVE PROCESSES. (3 credit hours)
An intensive examination of theoretical and empirical evidence concerning mental processes in
the adult human, including attention, memory, language, and problem-solving. Prereq: Graduate
standing in psychology, or consent of instructor.

PSY 767 DISSERTATION RESIDENCY CREDIT. (2 credit hours)
Residency credit for dissertation research after the qualifying examination. Students may register
for this course in the semester of the qualifying examination. A minimum of two semesters are
required as well as continuous enrollment (Fall and Spring) until the dissertation is completed
and defended.

PSY 772 TOPICAL SEMINAR IN LEARNING. (3 credit hours)
The study of selected topics in the learning area with emphasis on the recent experimental and
theoretical literature. May be repeated to a maximum of six credits. Prereq: Consent of
instructor.

PSY 778 TOPICAL SEMINAR IN DEVELOPMENTAL PSYCHOLOGY. (3 credit hours)
An advanced seminar in selected topics in human development, including cognition, learning,
language, personality, socialization, life span issues, and developmental aspects of
psychopathology. Prereq: PSY 625 and enrollment in graduate psychology program, or consent
of instructor. May be repeated to a maximum of six credits.

PSY 780 PROBLEMS IN PSYCHOLOGY. (1-3 credit hours)
This number is used for topical seminars taught on an experimental basis or covering special
material that may not be presented again. May be repeated to a maximum of six credits.

PSY 781 RESEARCH PARTICIPATION. (1 credit hours)
Emphasis on the team approach to research. Designed primarily for first year graduate students.
May be repeated to a maximum of four credits. Laboratory, two to four hours. Prereq:
Enrollment in the graduate program in psychology.

PSY 790 RESEARCH IN PSYCHOLOGY. (1-12 credit hours)
A minimum of three hours per credit a week is required on research conducted in consultation with the instructor. May be repeated as necessary with the approval of the Director of Graduate Studies.