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Educational Policies Committee Program Proposal, Emma Eccles Jones College of Education and Human Services, May 16, 2014

Utah State University

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Cover/Signature Page - Abbreviated Template

Institution Submitting Request: Utah State University
Proposed Title: Specialization in Audiology for the PhD in Disability Disciplines
Currently Approved Title: N/A
School or Division or Location: Emma Eccles Jones College of Education and Human Services
Department(s) or Area(s) Location: Department of Special Education and Rehabilitation
Recommended Classification of Instructional Programs (CIP) Code¹ (for new programs): N/A
Current Classification of Instructional Programs (CIP) Code (for existing programs): N/A
Proposed Beginning Date (for new programs): 08/01/2014
Institutional Board of Trustees' Approval Date:

Proposal Type (check all that apply):

R401-5			R401-6		
<i>Items submitted will be reviewed by OCHE. If there are any issues, the proposal will be returned for clarification/correction. If no issues, the proposal will be returned with a note of approval and the request will be placed on the General Consent Calendar of the next Regents' agenda.</i>			<i>Items submitted will be reviewed by OCHE. If there are any issues, the proposal will be returned for clarification/correction. If no issues, the proposal will be returned with a note of approval and the request will be placed on the General Consent Calendar of the next Regents' agenda.</i>		
Section #		Item	Section #		Item
4.1.5.2	<input type="checkbox"/>	Minor*	6.1.1	<input type="checkbox"/>	Reinstatement of Previously Suspended Program
5.1.1.1	X	New Emphasis on an Existing Degree*	6.1.5	<input type="checkbox"/>	Reinstatement of Previously Suspended Unit
5.1.2	<input type="checkbox"/>	Certificate of Proficiency Not Eligible for Financial Aid			
5.1.3	<input type="checkbox"/>	Out-of-Service Area Delivery of Programs			
5.1.4	<input type="checkbox"/>	Name Change of Existing Programs			
	<input type="checkbox"/>	Program Transfer			
5.1.5	<input type="checkbox"/>	Program Restructure			
	<input type="checkbox"/>	Program Consolidation			
5.1.6	<input type="checkbox"/>	Program Discontinuation			
	<input type="checkbox"/>	Program Suspension			
	<input type="checkbox"/>	Administrative Unit Creation			
5.1.7	<input type="checkbox"/>	Administrative Unit Transfer			
	<input type="checkbox"/>	Administrative Unit Consolidation			
5.1.8	<input type="checkbox"/>	New Center			
	<input type="checkbox"/>	New Institute			
	<input type="checkbox"/>	New Bureau			
5.1.9	<input type="checkbox"/>	Graduate Certificate			

*Requires "Section VI: Program Curriculum" of Abbreviated Template

Chief Academic Officer (or Designee) Signature:

I certify that all required institutional approvals have been obtained prior to submitting this request to the Office of the Commissioner.

Signature

Date: 02/20/14

Printed Name: Laurens H. Smith, Jr.

¹ CIP codes must be recommended by the submitting institution. For CIP code classifications, please see <http://nces.ed.gov/ipeds/cipcode/Default.aspx?y=55>.

Utah State University
Proposal to Offer a New Specialization in Audiology
within the PhD Program in Disability Disciplines
04/10/2013

Section I: Request

Utah State University requests approval to offer a specialization in Audiology within the existing Disability Disciplines PhD Program. The specialization will prepare students for university faculty positions in audiology, support USU research in audiology, and enhance the existing Disability Disciplines program.

The Disability Disciplines Doctoral Program is an interdepartmental program administered by the Department of Special Education and Rehabilitation and coordinated by an interdepartmental committee. Participating departments and centers include the Department of Special Education and Rehabilitation, the Department of Communicative Disorders and Deaf Education, the Department of Health, Physical Education and Recreation, and the Center for Persons with Disabilities.

Section II: Need

The Disability Disciplines Doctoral Program currently has five specializations: (a) Special Education, (b) Applied Behavior Analysis with Individuals with Disabilities, (c) Rehabilitation Counseling, (d) Disabilities Studies, (e) Speech-Language Pathology, and (f) Pathokinesiology. Audiology is a notable disability-related discipline that is not currently represented in the program. Its addition will broaden the interdisciplinary collaboration that is at the heart of this program and give the program more comprehensive coverage of disability-related disciplines.

There is a significant and growing shortage of audiologists with research doctorates. In a report from the American Speech-Language-Hearing Association entitled, "Crisis for the Discipline," the Joint Ad Hoc Committee on the Shortage of PhD Students and Faculty in Communication Sciences and Disorders" concluded that, "Over the next 15 years the shortage of PhD faculty is likely to become so severe as to require massive restructuring of the field, with many program closures and reductions in the proportion of faculty holding the PhD." Data from the Joint Ad Hoc Committee's survey indicate that the number of students enrolling in doctoral programs focusing on audiology falls far short of the number of faculty who are or will be retiring posing a threat to the research base of the field.

The new Audiology specialization will address a need for applied researchers and university faculty in audiology who can promote evidence-based practice through their research and teaching. This focus is greatly enhanced by the interdisciplinary nature of the Disability Disciplines Program. It distinguishes the proposed specialization from many existing programs in audiology and hearing sciences that focus on basic research.

The new specialization will increase the capacity for research, training, service, and grant development in audiology within the Department of Communication Disorders and Deaf Education. Finally, the proposed specialization will support the University's effort to strengthen doctoral training.

Similarity of program with those already in the state: Currently only six programs offer research doctoral degrees in audiology and hearing science in the western United States, with one of those

programs at the University of Utah. The interdisciplinary nature of the proposed specialization is unique because it fosters understanding of audiological research within the broader context of rehabilitation and educational disabilities issues. The specialization will prepare university faculty who can work with professionals from multiple disciplines to promote evidence-based practice of audiology through *applied* research, college teaching, and supervision.

Section III: Institutional Impact

The proposed addition of an Audiology specialization in the Disability Disciplines PhD program will create minimal new demands on institutional resources. The new specialization is simply an expansion of existing activities.

The administrative infrastructure of the Disabilities Disciplines doctoral program is already in place in the Department of Special Education and Rehabilitation. Audiology faculty will represent the specialization on the program's coordinating committee. Otherwise, there are no anticipated changes in administrative structure.

Many of the core courses and seminars are already being offered in the existing Disabilities Disciplines doctoral program and in the Emma Eccles Jones College of Education and Human Services PhD program. The five required Audiology specialization courses will be taught on a three-year rotation; and in addition to serving students in the proposed PhD specialization, they will also serve as elective options for students in other specializations.

Faculty staff impact: The proposed Audiology specialization will require no new faculty positions. Members of the graduate faculty in the Department of Communicative Disorders and Deaf Education (COMDDE) already participate in the Disability Disciplines PhD program. These faculty members include Dr. Kim Corbin-Lewis, Dr. Ron Gillam, Dr. Sandra Gillam, Dr. Julie Wolter, Dr. Kristina Blaiser, and Dr. Lisa Millman. Dr. Karen Muñoz, who will direct the Audiology specialization, is the Audiology division chair. Two research-emphasis faculty members will be hired in 2013 to replace retiring faculty who will fill already-approved positions in COMDDE enabling the department to expand doctoral level course offerings and research mentoring. Students will not be admitted to the Audiology Specialization until these faculty members are hired.

New Facility Requirements: The current facilities and existing lab space are adequate for the program. In addition, Utah State University is planning to build a new interdisciplinary clinic, that will house the adult audiology clinic, in the next three years, opening up additional space within our current facility that will be used for research purposes. Therefore, no additional space will be required.

With approval of the Audiology specialization, we anticipate gradual growth in enrollment to approximately six students in the program at any given time. Thus, an important positive impact of the proposed specialization will be the expansion of doctoral studies at USU. However, growth in this new program will be controlled to assure that it does not outstrip capacity in the new specialization and in the program as a whole.

Section IV: Finances

Regarding finances, the proposed specialization will use the administrative staff support that is already in place for the Disability Disciplines Program. This will insure cohesion across specializations and will not require new finances. We anticipate minimal impact given that we will restrict the total number of students in the program to six.

Section V: Program Curriculum

Courses for Disability Disciplines PhD with Specialization in Audiology (post-master's or post-AuD)

Course Prefix & Number	Title	Credit Hours
Disability Disciplines Core		
EDUC 6570	Intro to Educational and Psychological Research	3
EDUC 6600	Measurement, Design, & Analysis I	3
SPED 7920	Doctoral Orientation Professional Seminar	2
SPED 7940	Journal Reading Group	1
SPED 7400	Multicultural Issues in Disability	3
SPED 7820	Seminar: Special Topics	6
	Sub-Total	18
Additional Research Methods*		
EDUC 7610	Measurement, Design and Analysis II	3
PSYC 7780	Multivariate Statistical Analysis I: Observed Variables	3
	Sub-Total	6
Specialization-Specific Courses		
COMD 7830**	Advanced Topics in Audiology	3
COMD 7840**	Research in Audiology	3
COMD 7850**	Evidence-Based Practice in Audiology	3
COMD 7880**	Research Methods in Audiology	2
COMD 7890**	Journal Reading-Audiology	1
	Sub-Total	12
Internships/Products/Prelim Exam		
SPED 7040	Literature Review	1
SPED 7060	Research Internship	1
SPED 7070	Grant Writing	1
SPED 7080	Writing for Publication	1
SPED 7090	Conference Presentation	1
SPED 7330	Supervision Internship	1
SPED 7340	College Teaching Internship	1
SPED 7840	Preliminary Exam	1
	Sub-Total	8
Dissertation		
SPED 7970	Dissertation	16
	Sub-Total	16
Total Number of Credits		60

* Examples, students select courses with approval of supervisory committee

** New courses to be developed

New Courses to Be Added in the Next Five Years

Semester 1	Course Prefix and Number	Credits	Course Title
	COMD 7890	1	Journal Reading-Audiology
	COMD 7880	2	Research Methods in Audiology
Semester 2			
	COMD 7840	3	Research in Audiology
Semester 4			
	COMD 7850	3	Evidence-Based Practice in Audiology
Semester 5			
	COMD 7830	3	Advanced Topics in Audiology

Program Schedule

PhD in Audiology

Semester	Course Prefix	Course Title	Credit Hours
Fall 1	SPED 7920	Doctoral Orientation Professional Seminar	2
	EDUC 6570	Introduction to Educational and Psychological Research	3
	COMD 7890	Journal Reading – Audiology	1
	COMD 7880	Research Methods in Audiology	2
	SPED 7820	Seminar: Special Topics	3
Sub-Total			11
Spring 1	SPED 7940	Journal Reading Group	1
	EDUC 6600	Research, Design, and Analysis I	3
	SPED 7820	Seminar: Special Topics	3
	COMD 7840	Research in Audiology	3
Sub-Total			10
Fall 2	SPED 7400	Multicultural Issues in Disability	3
	SPED 7840	Preliminary Exam	1
	SPED 7060	Research Internship	1
	EDUC 7610	Measurement, Design and Analysis II	3
	SPED 7340	College Teaching Internship	1
Sub-Total			9

Spring 2	COMD 7850	Evidence-Based Practice in Audiology	3
	PSYC 7780	Multivariate Statistical Analysis I: Observed Variables	3
	SPED 7330	Supervision Internship	1
	SPED 7040	Literature Review	1
	SPED 7090	Conference Presentation	1
Sub-Total			9
Fall 3	COMD 7830	Advanced Topics in Audiology	3
	SPED 7080	Writing for Publication	1
	SPED 7070	Grant Writing	1
	SPED 7970	Dissertation	7
Sub-Total			12
Spring 3	SPED 7970	Dissertation	9
Sub-Total			9
TOTAL CREDIT HOURS			60

Course Descriptions

Disability Disciplines Core Courses (18 credits):

EDUC 6570 Introduction to Educational and Psychological Research (3 credits) Provides introduction to research methods, including identification of research problem, review and evaluation of research literature, and design and implementation of research project.

EDUC 6600 Measurement, Design, & Analysis I (3 credits) Research design and statistical concepts for research in education, human services, and psychology, with emphasis on the selection and interpretation of statistical analysis.

SPED 7920 Doctoral Program Professional Seminar (3 credits) Orients new students to the doctoral program utilizing five goals: (1) familiarize students with requirements of the program and of the Graduate School, (2) acquaint students with the faculty and the resources available, (3) initiate a career planning process, (4) teach students some fundamental concepts underlying scientific research, and (5) teach students to conduct literature reviews.

SPED 7940 Journal Reading Group (1-2 credits) Seminar discussion of recent empirical and theoretical journal articles in special education and related fields. *(1 credit required)*

SPED 7400 Cultural and Linguistic Diversity and Disability (3 credits) Surveys major issues, topics and perspectives related to the intersection of cultural/linguistic diversity and disability.

SPED 7820 Seminar: Special Topics (1-3 credits) In-depth study of special topics in special education, rehabilitation. Seminars examine historical aspects, relevant research, and theoretical positions on selected topics. *(Total of 6 credits required)*

Additional Research Methods (6 credits):

Note: The following two courses are *examples* of courses that would fulfill the requirement of six credits of additional research coursework.

EDUC 7610 Research Design and Analysis II (3 credits) Advanced treatment of research design and statistical concepts and issues in educational, human services, and psychological research.

PSY 7780 Multivariate Statistical Analysis I: Observed Variables (3 credits) Focuses on application of multivariate methods (e.g. factor analytic techniques, multivariate analysis of variance, survival analysis) in research and measurement in psychology, education, and other social and behavioral sciences.

Specialization-Specific Coursework (12 credits):

Note: The following five COMD 78XX courses are to be developed upon approval of this proposal.

COMD 7830 Advanced Topics in Audiology (3 credits) Discussion of advanced topics and issues in hearing and balance disorders, including assessment and treatment considerations, underlying influences related to treatment adherence, and functional outcomes.

COMD 7840 Research in Audiology (3 credits) Under faculty direction, students read and discuss current research in audiology, examine methods used, and limitations.

COMD 7850 Evidence-Based Practice in Audiology (3 credits) Discussion of evidence-based practice in hearing and balance disorders, including existing research base, areas in need of further research, and issues related to implementation in practice.

COMD 7880 Research Methods in Audiology (1 credit) Discussion of common research methods used in audiological research and design considerations.

COMD 7890 Journal Reading-Audiology (2 credits) Under faculty direction, students read and discuss published research. Students learn to critique empirical and theoretical papers as well as current research findings in important areas of Audiology.

Internships, Products, and Preliminary Exam (8 credits)

SPED 7040: Literature Review (1 credit) Guided experience in conducting a comprehensive and systematic review of literature on a topic related to special education.

SPED 7060 Research Internship (1-5 credits) Guided experience in conducting educational research. *(1 credit required)*

SPED 7070: Grant Writing (1-3 credit) Guided experience in preparation of grant proposals.

SPED 7080: Writing for Publication (1 credit). In-depth individualized experience in which the student chooses a topic area, then writes a scholarly manuscript which is submitted for publication in a peer-reviewed academic journal.

SPED 7090: Conference Presentation (1 credit) Individualized, supervised experience in which the student identifies an important topic and appropriate conference, and then makes a professional conference presentation.

SPED 7330: Supervision Internship (1 credit) Guided experience in supervising undergraduate and master's students during practica, student teaching, and other field experiences.

SPED 7340: College Teaching Internship (1-3 credits) Guided experience in teaching university courses. *(1 credit required)*

SPED 7840: Preliminary Exams (1 credit) Preparation for, and successful completion of, written preliminary examinations. Students demonstrate methodological and analytical skills, as well as scientific foundations, for doctoral studies in special education or applied behavior analysis.

Note: This course will be broadened to include exams that are specific to the Audiology specialization. The preliminary examination will be administered after the first academic year of courses. The examination will cover the student's knowledge in three principle areas:

- 1) Theoretical and empirical bases of hearing and balance disorders. One-day exam responding to essay questions on theoretical issues, evidence-based practice, and empirical findings in audiology.
- 2) Experimental design. One-day exam designing and empirical study to address a given topic in audiology.
- 3) Journal article critique. One-day exam critiquing a manuscript reporting an empirical research study in audiology.

Dissertation (16 credits)

SPED 7970: Dissertation (1-15 credits per semester) Variable credit for dissertation project in connection with doctoral program in special education. *(16 credits required)*