

**LEHMAN COLLEGE
OF THE
CITY UNIVERSITY OF NEW YORK**

DEPARTMENT OF SPEECH-LANGUAGE-HEARING SCIENCES

CURRICULUM CHANGE

1. **Type of change:** Experimental Course

2.

Department(s)	Speech-Language-Hearing Sciences
Career	<input type="checkbox"/> Undergraduate <input checked="" type="checkbox"/> Graduate
Academic Level	<input checked="" type="checkbox"/> Regular <input type="checkbox"/> Compensatory <input type="checkbox"/> Developmental <input type="checkbox"/> Remedial
Subject Area	Speech Language Hearing Sciences
Course Prefix & Number	SPE 773
Course Title	Introduction to Clinical Research Methods I
Description	Introduction to experimental designs, measurements, and statistical analyses commonly used for evidence-based practice in the field of speech-language pathology. Human-subjects research ethics will be discussed.
Pre/ Co Requisites	Departmental permission
Credits	1.5
Hours	1.5
Liberal Arts	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Course Attribute (e.g. Writing Intensive, WAC, etc)	
General Education Component	<p><input checked="" type="checkbox"/> Not Applicable</p> <p><input type="checkbox"/> Required</p> <p style="padding-left: 40px;"><input type="checkbox"/> English Composition</p> <p style="padding-left: 40px;"><input type="checkbox"/> Mathematics</p> <p style="padding-left: 40px;"><input type="checkbox"/> Science</p> <p><input type="checkbox"/> Flexible</p> <p style="padding-left: 40px;"><input type="checkbox"/> World Cultures</p> <p style="padding-left: 40px;"><input type="checkbox"/> US Experience in its Diversity</p> <p style="padding-left: 40px;"><input type="checkbox"/> Creative Expression</p> <p style="padding-left: 40px;"><input type="checkbox"/> Individual and Society</p> <p style="padding-left: 40px;"><input type="checkbox"/> Scientific World</p>

3. Rationale

This new course will serve as part one of two-part research courses (SPE 773 & SPE 774), which together will cover the content currently covered in one three-credit course, SPE 700. Based on data collected by the graduate program director, students exhibit difficulty managing 15 credits in the first semester of graduate studies. Splitting the course into two sections, each worth 1.5 credit, and requiring taking them in two successive semesters will reduce the total number of credits required in the first semester to 13.5 credits. In addition, requiring part II (SPE 774) to be taken in the second semester, in conjunction with the first clinical practicum, will support classroom-to-clinic connection and the application of research into clinical practice.

4. Learning Outcomes (By the end of the course students will be expected to):

After satisfactory completion of this course, students will be able to:

1. Conduct a literature search
2. Critically evaluate variety of research designs, methods, and measures used in clinical research in Speech-Language Pathology and Audiology
3. Analyze the results and draw conclusions relevant to the diagnosis and remediation of speech, language and communication disorders.
4. Critically evaluate clinical research in the field from ethical perspectives.
5. Employ effective oral communication demonstrated through oral presentations

5. Date of Departmental Approval: 12/18/2023

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Academic Level	<input checked="" type="checkbox"/> Regular <input type="checkbox"/> Compensatory <input type="checkbox"/> Developmental <input type="checkbox"/> Remedial
Subject Area	Speech Language Hearing Sciences
Course Prefix & Number	SPE 774
Course Title	Introduction to Clinical Research Methods II
Description	Critical analysis of peer-reviewed research articles and integrating their findings into clinical decision making and practice.
Pre/ Co Requisites	Pre-req: SPE 773, departmental permission
Credits	1.5
Hours	1.5
Liberal Arts	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Course Attribute (e.g. Writing Intensive, WAC, etc)	
General Education Component	<input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Required <input type="checkbox"/> English Composition <input type="checkbox"/> Mathematics <input type="checkbox"/> Science <input type="checkbox"/> Flexible <input type="checkbox"/> World Cultures <input type="checkbox"/> US Experience in its Diversity <input type="checkbox"/> Creative Expression <input type="checkbox"/> Individual and Society <input type="checkbox"/> Scientific World

3. **Rationale**

This new course will serve as part two of two-part research courses (SPE 773 & SPE 774), which together will cover the content currently covered in one three-credit course, SPE 700. Based on data collected by the graduate program director, students exhibit difficulty managing 15 credits in the first semester of graduate studies. Splitting the course into two sections, each worth 1.5 credit, and requiring taking them in two successive semesters will reduce the total number of credits required in the first semester to 13.5 credits. In addition, requiring part II (SPE 774) to be taken in the second semester, in conjunction with the first clinical practicum, will support classroom-to-clinic connection and the application of research into clinical practice.

4. Learning Outcomes (By the end of the course students will be expected to):

After satisfactory completion of this course, students will be able to:

1. Critically evaluate efficacy of research and make independent judgments about its relevance and application to clinical practice
2. Critically analyze each section of a research article and judge its validity and soundness.
3. Employ effective oral communication through oral presentations

5. Date of Departmental Approval: 12/18/2023