

**Idaho State University (ISU)**  
**School of Rehabilitation and Communication Sciences (SRCS)**  
**Doctorate of Philosophy in Rehabilitation and Communication Sciences**  
**(PhD in RCS)**

Student Learning Outcomes

***CRCS 7050: Thesis Equivalent Research Project: 1-6 semester hours.***

**Student Learning Outcomes:** This course has been designed to ensure that students in the PhD in RCS program who did not complete a graduate-level thesis in a healthcare discipline, which included human subjects protocols, procedures, approvals, data collection, and analysis, or comparable research project, approved via petition, are adequately supported to complete a supervised thesis-equivalent research project. Upon successful completion of their thesis-equivalent project students will be able to demonstrate emergent competency of the following:

- Find and interpret relevant research
- Present a well-reasoned narrative and oral synthesis of the topic area and justification for the study
- Design, conduct, analyze, interpret, and then disseminate a quality research project with appropriate methodology, statistical analysis, and rigor

***CRCS 8001 Overview of Rehabilitation Disciplines: 3 semester hours.***

**Student Learning Outcomes:** This course has been designed to ensure that students demonstrate knowledge about their own and other rehabilitation professions within the School of Rehabilitation and Communication Sciences and how those professions collaborate. Upon successful completion of the course students will:

- Demonstrate an understanding of the audiology profession and how audiologists collaborate with other professionals within and outside of rehabilitation and communication sciences.
- Demonstrate an understanding of the speech-language pathology profession and how speech-language pathologists collaborate with other professionals within and outside of rehabilitation and communication sciences.
- Demonstrate an understanding of the occupational therapy profession and how occupational therapists collaborate with other professionals within and outside of rehabilitation and communication sciences.
- Demonstrate an understanding of the physical therapy profession and how physical therapists collaborate with other professionals within and outside of rehabilitation and communication sciences.

***CRCS 8010 Mentored Teaching Practicum: 1 semester hour.***

Mentored teaching experience within the specific discipline of the doctoral student. Graded S/U. May be repeated. Only 1 credit may count toward degree. PREREQ: Permission of instructor

**Student Learning Outcomes:** This course has been designed to ensure that students in the PhD in RCS program gain practical pedagogical experience. Upon successful completion of their mentored teaching practicum students will be able to demonstrate emergent competency of the following:

- Planning course(s) and course content generally related to their discipline and area of specialization, when possible
- Designing course resources, materials, activities, and assignments
- Evaluating student learning and performance
- Constructing lectures and lecture materials
- Presenting information to students, including at least a few lectures and two other forms of student engagement learning activities

***CRCS 8020 Doctoral Colloquium: 1 semester hour.***

Advanced study, student and faculty presentations, discussions of research in the rehabilitation fields that will include methods in interprofessional, interdisciplinary, multidisciplinary, and transdisciplinary research. Students in the Ph.D. program are required to take this each academic semester they are enrolled in the program and will attend and present their research during bimonthly seminar presentations/discussions. Graded S/U. May be repeated. Only 1 credit may count toward degree.

**Student Learning Outcomes:** This course has been designed to provide a space for students to present their research in a supportive environment to an ISU audience of researchers, clinicians, and fellow students. It will also provide space to explore professional issues within the academic realm of rehabilitation and communication sciences. Upon successful completion of the course students will:

- Demonstrate professional presentation skills including use of multimedia programs.
- Demonstrate ability to lead a discussion of professional issue topics.
- Attend at least 1 hour of the Doctoral Colloquium each week it is scheduled.

***CRCS 8030 Advanced Seminar in Rehabilitation and Communication Sciences: 1-6 semester hours.***

Readings, preparations, and discussions involving subjects of concern for students. Graded S/U. May be repeated. Only 6 credits may count toward degree. PREREQ: Permission of instructor

**Student Learning Outcomes:** This seminar-style course has been designed to support student(s) advanced understanding of specialized topics. Upon successful completion of this course students will be able to:

- Explain the various topics and topic areas
- Demonstrate a clear depth of gained knowledge and contextual understanding of the topics and topic areas
- Evaluate, interpret, and integrate the concepts, content, and research related to the topics

***CRCS 8031 Independent Study: 1-6 semester hours.***

Directed learning via independent study of problems selected by student and faculty member. Graded S/U. May be repeated. Only 6 credits may count toward degree. PREREQ: Permission of instructor

**Student Learning Outcomes:** This course has been designed to support advancement of student(s) area of specialization. Upon successful completion of this course students will be able to:

- Demonstrate gained knowledge of topics related to their area of specialization
- Synthesize information related to their area(s) of specialization
- Integrate newly acquired knowledge and skills into their area(s) of specialization

**CRCS 8032 Special Topics in Rehabilitation and Communication Sciences: 1-6 semester hours.**

Individualized readings, preparations, and discussions of reports and projects in all areas of rehabilitation, speech and hearing science, speech-language pathology, audiology, occupational therapy, and physical therapy. Graded S/U. May be repeated. Only 6 credits may count toward degree. PREREQ: Permission of instructor

**Student Learning Outcomes:** This course has been designed to provide students' knowledge and or practical experience across a variety of academic, scholarly, and or other related topics in higher education, their profession(s), or area(s) of specialization. Upon successful completion of the course students will:

- Demonstrate their gained knowledge of the topics
- Explain nuanced facets of the topics covered
- Justify reasoning and rationales behind decisions related to the various topics
- Construct demonstration of their gained knowledge and or skills in meaningfully-relevant ways

**CRCS 8033 Special Topics Workshop in Rehabilitation and Communication: 1-6 semester hours.**

Symposium of professionally related topics in workshop format. Meets for a minimum of 16 contact hours per credit with appropriate outside assignments, readings, or papers. May be repeated. Only 1 credit may be counted towards degree.

**Student Learning Outcomes:** This course has been designed to further support advancement of students' area of specialization, and or other professionally related areas, through rigorous specialty certification(s) outside, approved, workshops and or other continuing education activities. Upon successful completion of the course students will:

- Earn specialty certification, or certificate(s) of attendance
- Demonstrate enhanced understanding, and or skills, with the related areas
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**CRCS 8050 Research Practicum in Rehabilitation and Communication Sciences: 1-6 semester hours.**

Under the guidance of the research practicum mentor and committee the student will develop, conduct, interpret, and present a research project that will be submitted for publication consideration to an academic peer-reviewed journal of appropriate caliber. Graded S/U. May be repeated. Only 3 credits may count toward degree. PREREQ: Permission of instructor

**Student Learning Outcomes:** This pre-dissertation mentored research practicum has been designed to enhance students' research understanding and practice. Upon successful completion students will:

- Design a quality research study
- Create a literature review with appropriate reasoning and justification for their study
- Construct, and be able to appropriately defend, methodological considerations and statistical procedures
- Gain ISU Human Subjects Approval or Exemption, conduct the study, analyze the data, interpret results, and then present / defend the project
- Submit an original manuscript of the study for publication consideration to a refereed journal of appropriate caliber

**CRCS 8080 Predoctoral Independent Study: 1-9 semester hours.**

Self-study of a range of topics and techniques relevant to Rehabilitation and Communication Sciences, which may include comprehensive examinations or preparations for undertaking dissertation research. Graded S/U. May be repeated. Only 3 credits may count toward degree.

PREREQ: Permission of instructor

**Student Learning Outcomes:** This course has been designed to provide students credit-hours for self-directed learning regarding a variety of topics such as Rehabilitation and Communication Sciences, preparing for or taking their comprehensive examinations, and or preparations necessary for undertaking their dissertation research prior to completing their comprehensive examinations, or during the semester of completion of their comprehensive examinations. Upon successful completion of the course students will:

- Demonstrate their gained knowledge
- Synthesize information related to the topics and or their area(s) of specialization
- Integrate newly acquired knowledge and skills into their professional area and or area(s) of specialization

**CRCS 9000 Dissertation: 1-9 semester hours.**

Students will develop, conduct, analyze, and interpret research for their dissertation. May be repeated. Only 18 credits may count toward degree.

**Student Learning Outcomes:** The doctoral dissertation project, with associated course credit-hours, has been designed to enhance students' independent scholarly knowledge and abilities within their area of specialization. Upon successful completion students will:

- Independently, with mentored support from their research advisor, design a high quality research study.
- Create an appropriately comprehensive literature review with supporting rationale and justification
- Construct, and be able to appropriately defend, detailed methodological considerations and specific statistical procedures and decisions regarding the project(s)
- Successfully present their dissertation prospectus project, gaining approval, via signatures for advancement, from their dissertation committee
- Gain ISU Human Subjects Approval or Exemption
- Conduct the study
- Analyze the data
- Interpret results
- Complete their written and oral defense of their dissertation project

**CRCS 9001 Dissertation: Summer Research: 1-6 semester hours.**

Students conducting dissertation research may register for this course in the summer, if desired. May be repeated. 1 credit may count toward degree. PREREQ: Permission of instructor

**Student Learning Outcomes:** The doctoral dissertation project, with associated summer course credit-hours, has been designed to enhance students' independent scholarly knowledge and abilities within their area of specialization. Upon successful completion students will:

- Independently, with mentored support from their research advisor, design a high quality research study.
- Create an appropriately comprehensive literature review with supporting rationale and justification

- Construct, and be able to appropriately defend, detailed methodological considerations and specific statistical procedures and decisions regarding the project(s)
- Successfully present their dissertation prospectus project, gaining approval, via signatures for advancement, from their committee
- Gain ISU Human Subjects Approval or Exemption
- Conduct the study
- Analyze the data
- Interpret results
- Complete their written and oral defense of their dissertation project