Master of Science in Speech-Language Pathology

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Program Director
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Curriculum

The vision of Rocky Mountain University of Health Professions (RMUoHP) is to advance the quality, delivery and efficacy of healthcare. The 66-credit Master of Science in Speech-Language Pathology curriculum is a 24-month, full-time post-baccalaureate terminal professional degree program. A student who completes this degree is eligible to sit for national certification as a speech-language pathologist (i.e., the CCC-SLP) and, upon passage, may practice as a licensed speech-language pathologist.

The professional curriculum for SLP entry-level education includes areas related to: Assessment/Treatment of Childhood Speech Sound Disorders, Assessment/Treatment of Motor Speech Disorders, Cranio-Facial Anomalies, Traumatic brain injury, Assessment/Treatment of Neurogenic Language Disorders, Aphasia & Fluency Disorder, patient assessment and supervised practicum in Speech-Language Pathology, health policy, diversity and professional practice issues.
# Master of Science in Speech-Language Pathology

## Curriculum At-A-Glance

## Year 1

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Year</th>
<th>Semester</th>
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<tbody>
<tr>
<td>SLP 612 Neural Bases and Medical Speech-Language Pathology</td>
<td>3</td>
<td>Fall 2018</td>
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<tr>
<td>SLP 616 Assessment/Treatment of Childhood Speech Sound Disorders</td>
<td>3</td>
<td>Winter 2019</td>
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<tr>
<td>SLP 618 Assessment/Treatment of Childhood Language Disorders</td>
<td>3</td>
<td>Summer 2019</td>
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<td>SLP 622 Clinic Class I</td>
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<td>Fall 2018</td>
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<td>SLP 623 Research Methods</td>
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<td>Winter 2019</td>
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<tr>
<td>SLP 624 Assessment/Treatment of Motor Speech Disorders</td>
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<td>Summer 2019</td>
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<td>SLP 626 Assessment/Treatment of Neurogenic Language Disorders</td>
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<tr>
<td>SLP 628 Clinic Class II</td>
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<tr>
<td>SLP 634 Capstone Seminar II</td>
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<tr>
<td>SLP 636 Assessment/Treatment of Pediatric Dysphagia &amp; Feeding Disorders</td>
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<td>SLP 638 Tracheotomy &amp; Ventilator Dependent</td>
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<td>SLP 642 Practicum in Speech-Language Pathology</td>
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<td>SLP 644 Assessment/Treatment of Adult Dysphagia</td>
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<td>SLP 646 Assessment/Treatment of Cognitive-Communication Disorders</td>
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**Total: 13 credits**

## Year 2

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<tr>
<td>SLP 650 Assessment/Treatment of Fluency Disorders</td>
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<tr>
<td>SLP 654 Clinic Class IV</td>
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<td>SLP 658 Practicum in Speech-Language Pathology</td>
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<td>SLP 668 Capstone Seminar III</td>
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<td><strong>Students choose two of the following four courses:</strong></td>
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<td>SLP 713 Advanced Seminar: Early Intervention</td>
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<td>SLP 714 Advanced Seminar: Cranio-Facial Anomalies</td>
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<td>SLP 715 Advanced Seminar: Autism Spectrum Disorders</td>
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<td>SLP 716 Advanced Seminar: Cancers of the Head &amp; Neck</td>
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<td>SLP 710 Aural Rehabilitation</td>
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<td>SLP 712 Advanced Medical Seminar</td>
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<td>SLP 717 Clinical Class V</td>
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<td>SLP 718 Advanced Seminar: Counseling</td>
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<td>SLP 720 Capstone Seminar IV</td>
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<td>SLP 722 Practicum in Speech-Language Pathology</td>
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<td>SLP 734 Practicum in Speech-Language Pathology</td>
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<td>SLP 735 Clinic Class VI (online, 1 credit)</td>
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<td>SLP 734</td>
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**Total: 12 credits**
Year 1, Semester 1 – Fall 2018
(13 credits)

SLP 612  Neural Bases and Medical Speech-Language Pathology  (3 credits)
Examination of the central and peripheral nervous systems as they relate to normal and disordered human communication. Overview of neuroanatomy and neurophysiology, common neuropathologies relevant to communication disorders, and strategies in neurogenic problem solving. Roles and responsibilities of speech-language pathologists in medical settings with patients spanning the lifespan and a variety of diagnoses. Topics include medical models, assessment/intervention models in medical settings, medical bioethics, pharmacology, medical terminology, and documentation.

SLP 616  Assessment/Treatment of Childhood Speech Sound Disorders  (3 credits)
Exploration of acquisition, assessment, and treatment of articulation and phonological disorders in children.

SLP 618  Assessment/Treatment of Childhood Language Disorders  (3 credits)
Principles and methods of prevention, diagnosis and intervention applicable to developmental language disorders. Includes consideration of both oral and written developmental language.

SLP 622  Clinic Class I  (1 credit)
Introduction to professional communication and mechanics of being a clinician. Examination of the role of the speech-language pathologist as a therapist, with an emphasis on diagnostic evaluation, differential diagnosis, and intervention. Includes measurement concepts and clinical problem-solving theory and methods. (which is the content from the previous class SLP 614—we could put all this content into one 3-hour course instead of a 1-hour course and a 2-hour course. Same professor can now teach one class.

SLP 623  Research Methods  (1 credit)
An overview of what constitutes clinical research. The class instructs students in how to understand the strengths and weakness of various research methods. An overview of research ethics, and application of research results to clinical practice.

Year 1, Semester 2 – Winter 2019
(12 credits)

SLP 624  Assessment/Treatment of Motor Speech Disorders  (2 credits)
The role of central and peripheral motor systems in speech production and speech disorders related to abnormalities in these motor systems. Emphasis on the neurological
bases, assessment, and clinical management of the dysarthrias and apraxia of speech across the lifespan.

**SLP 626  Assessment/Treatment of Neurogenic Language Disorders  (2 credits)**  
A clinically-oriented exploration of the aphasias, and related central nervous system language disorders is integrated within the broader field of neurolinguistics. Clinical aspects focus on assessment and intervention approaches in aphasia and related disorders.

**SLP 628  Clinic Class II**  
(1 credit)  
An examination and exploration of the topics of diversity and professional ethics as they involve clinical speech-language pathology.

**SLP 630  Capstone Seminar I**  
(1 credit)  
Review of basic research issues and concepts in order to prepare to be a consumer of research literature and to prepare for your project. Includes various research types and designs, validity, quantitative and qualitative data analysis and clinical applications of research.

**SLP 632  Practicum in Speech-Language Pathology**  
(1 credit)  
Examination of the diagnostic, treatment and documentation procedures in speech-language pathology occurring through active observation in the clinical environment and classroom instruction. Active, supervised participation in the clinical process with emphasis on individualized assessment, treatment, counseling and documentation procedures.

**SLP 648  Assessment/Treatment of Voice & Resonance Disorders**  
(2 credits)  
Examination of the physiology acoustics, and perception of voice quality and speech resonance, as well as the etiologies, diagnosis, and management of voice and resonance disorders.

**SLP 652  Augmentative and Alternative Communication Disorders**  
(3 credits)  
Introduction to alternative and augmentative communication systems for consumers. Discussions include the use of aided and unaided communication systems, assessment procedures and intervention, including education and team approaches.

**Year 1, Semester 3 – Summer 2019**  
(12 credits)

**SLP 634  Capstone Seminar II**  
(1 credit)  
As you advance into your topic, you will begin the outlining and writing process with possible preparation for data collection. This seminar will guide you through this phase of your capstone, which is a scholarly project with topics that may involve prevention, assessment, literature review, case presentation or intervention involving the scope of practice for speech-language pathologists.
SLP 636 Assessment/Treatment of Pediatric Dysphagia & Feeding Disorders (1 credit)
Examination of the principles and procedures used in the assessment and treatment of pediatric swallowing and feeding disorders. Includes clinical and instrumental assessment and intervention methods applicable to pediatric feeding and swallowing disorders across a variety of pediatric practice settings.

SLP 638 Tracheotomy & Ventilator Dependent (1 credit)
Foundational concepts for speech-language pathologists who function on teams that provide assessment and intervention of persons who are tracheotomy or ventilator-dependent.

SLP 640 Clinic Class III (2 credits)
An examination and exploration of the topics of professional issues, regulations and law as they involve clinical speech-language pathology.

SLP 642 Practicum in Speech-Language Pathology (2 credits)
Examination of the diagnostic, treatment and documentation procedures in speech-language pathology occurring through active observation in the clinical environment and classroom instruction. Active, supervised participation in the clinical process with emphasis on individualized assessment, treatment, counseling and documentation procedures.

SLP 644 Assessment/Treatment of Adult Dysphagia (3 credits)
Study of the anatomic and physiologic systems involved in normal swallowing and swallowing disorders (dysphagia) in adults. Emphasis on the role of the speech-language pathologist in the areas of assessment and treatment of dysphagia and as a team member in the areas of dysphagia-related counseling, ethical and quality of life issues.

SLP 646 Assessment/Treatment of Cognitive-Communication Disorders (2 credits)
An investigation of acquired, cognitive-based language disorders including traumatic brain injury (including right brain injury), related cognitive communication sequelae, and dementia. Emphasis on assessment and treatment of cognitive communication disorders.

Year 2, Semester 1 – Fall 2019 (12 credits)

SLP 650 Assessment/Treatment of Fluency Disorders (2 credits)
Examination of the diagnosis and assessment related to fluency across the lifespan. Procedures specific to the differential assessment of fluency are examined, evaluated and related to therapeutic strategies and the methods of behavior change.

SLP 654 Clinic Class IV (2 credits)
An examination and exploration of clinical documentation and reporting, as well as business organization/planning as they involve clinical speech-language pathology.
SLP 658  Practicum in Speech-Language Pathology  (3 credits)
Examination of the diagnostic, treatment and documentation procedures in speech-language pathology occurring through active observation in the clinical environment and classroom instruction. Active, supervised participation in the clinical process with emphasis on individualized assessment, treatment, counseling and documentation procedures.

SLP 668  Capstone Seminar III  (1 credit)
This seminar will facilitate the data collection with an eye on analysis for your capstone project. You will continue to plan, write and target clinical and empirical aspects of research and you will re-visit ethics, and evidence based practice concepts.

COURSES FOR STUDENT SELECTION: Students must submit course selection form to Registrar prior to the start of Semester 4. Choose TWO of the following four courses:

SLP 713  Advanced Seminar: Early Intervention  (2 credits)
This seminar will examine the best practices of working with the birth to three population and their families. We will explore the elements of different practice models including family centered support, primary service provider model and home-visit based approach. You will learn how to write an appropriate IFSP and how to target appropriate goals and outcomes.

SLP 714  Advanced Seminar: Cranio-Facial Anomalies  (2 credits)
An investigation of cleft lip and/or palate and related anomalies that influence communication, with an emphasis on assessment and intervention of the communication disorders related to these impairments.

SLP 715  Advanced Seminar: Autism Spectrum Disorders  (2 credits)
An exploration into the latest research and evidence based practices in autism. Topics include medical care for individuals with autism, family dynamics and lifespan issues.

SLP 716  Advanced Seminar: Cancers of the Head & Neck  (2 credits)
Focus on the speech, voice and swallowing disorders associated with cancers of the head and neck, with a special emphasis on laryngectomy. Includes discussion of team engagement, consumer education, intervention and treatment.

Year 2, Semester 2 – Winter 2020  
(10 credits)

SLP 710  Aural Rehabilitation  (1 credit)
Theory and methods of habilitation/rehabilitation for communication disorders associated with hearing impairment across the life span. Includes a focus on visual and auditory speech signals, the function/use of amplification, auditory training for persons with hearing impairment, and speech-language intervention secondary to hearing impairment.

Course content and dates subject to change.
SLP 712  Advanced Medical Seminar  (2 credits)
Exploration of the medical aspects of our field. Topics will emphasize current practice methods and models of across the lifespan including ethics, end of life care, medical decision making.

SLP 717  Clinic Class V  (1 credit)
Topics will focus on advanced clinical topics, EPB, supervising assistants.

SLP 718  Advanced Seminar: Counseling  (1 credit)
Counseling theory, process, and application to individuals who present a variety of communication disorders and to the families of these individuals, with an emphasis on the discipline of speech-language pathology.

SLP 720  Capstone Seminar IV  (2 credits)
This seminar will advance your data collection phase and begin to target data analysis for your capstone project. You will develop your written deliverable project in preparation for the final stage of the capstone.

SLP 722  Practicum in Speech-Langage Pathology  (3 credits)
Examination of the diagnostic, treatment and documentation procedures in speech-language pathology occurring through active observation in the clinical environment and classroom instruction. Active, supervised participation in the clinical process with emphasis on individualized assessment, treatment, counseling and documentation procedures.

**Year 2, Semester 3 – Summer 2020**
(7 credits)

SLP 734  Practicum in Speech-Language Pathology  (6 credits)
Offsite clinical practicum experience, completed under the supervision of community-based, qualified and certified speech-language pathologists. Emphasis on the evaluation and treatment of disorders related to speech, language, cognitive-communication disorders, and swallowing.

SLP 735  Clinic Class VI  (1 credit)
Class topics will focus on transitioning from student to professional and preparing for your Clinical Fellowship Year.