CSD 501. Adult language Disorders (3). This course covers current theories of language processing and of language breakdown subsequent to neuropathology. Course topics cover neuroanatomy, neuroimaging and psycholinguistic models of language processing. Evaluation, diagnosis, and treatment of adults with aphasia will be covered. Students will learn how to analyze language disorders in relation to current theories using a variety of diagnostic instruments and how to use the results of this analysis to plan for therapy.

CSD 502. Speech Sound Disorders (3). This course explores the normal acquisition of speech sounds, the etiology and nature of disorders of articulation and phonology, and assessment and intervention methods for persons exhibiting articulatory and phonological disorders. Multicultural issues in the assessment and treatment of speech sound disorders will be addressed. **Pre-requisite:** Phonetics (CSD 204) or equivalent and Introduction to Speech Disorders (CSD 307) or equivalent.

CSD 503. Preschool Language Disorders (3). This course addresses language development and disorders from birth through the preschool years. The characteristics and etiologies of preschool language disorders will be examined. Theoretical perspectives and evidence-based assessment and intervention approaches will be discussed. Case studies and applied activities are used to promote critical thinking for the planning of assessment and treatment. **Pre-requisite:** Intro to Language Disorders (CSD 303) or equivalent and Speech and Language Development (CSD 205) or equivalent.

CSD 507. Diagnostic Methods in Speech-Language Pathology (4). This course is designed to provide a general understanding of the processes and techniques of data collection and analysis for the diagnosis, assessment, and evaluation of communication disorders.

CSD 508. Fluency Disorders (3). This course covers advanced theories and techniques of diagnosis and treatment of stuttering behaviors across the life span. Case analyses and review of pertinent research are included.

CSD 509. Motor Speech Disorders (4). This course reviews developmental and acquired neurogenic speech disorders and their associated neuropathology, etiology, characteristics, assessment practices, and treatment strategies. **Pre-requisite:** Introduction to Speech Disorders (CSD 307) or equivalent.
CSD 510. Clinical Ethics and Policy (2). This course presents an overview of legal and ethical issues impacting the delivery of speech-language pathology services. It provides students with a foundation of health law and ethics and reviews a wide variety of health care legal and ethical situations and dilemmas through the use of case studies and ethical problem-solving/decision-making activities.

CSD 517. Practicum in Speech-Language Pathology I (2). Students are assigned their first field-based experience from a variety of affiliated clinical settings. Acceptable and verified clinical hours will apply toward ASHA certification.

CSD 518. School-aged Language and Literacy Disorders (3). This course addresses the variety of delays and disorders seen in the school-age population, including an understanding of language, learning, and literacy. Theoretical perspectives and evidence-based approaches to assessment and intervention will be examined. Case studies and applied activities are used to promote critical thinking for the planning of assessment and treatment.

CSD 519. Aural Rehabilitation (1). This course reviews the impact of hearing loss on communication and prepares students to assess the impact, counsel clients on the use of hearing aids, cochlear implants, or other assistive hearing devices, and teach alternative listening and communication strategies.

Pre-requisite: Audiological Assessment and Rehabilitation (CSD 403) or equivalent.

CSD 520. Dysphagia Management (4). This course will cover anatomy, physiology, and neurology of normal swallowing including diagnostic procedures and treatment protocols.

CSD 523. Adult Cognitive Disorders (3). This course reviews acquired cognitive-linguistic disorders and their associated neuropathology, etiology, characteristics, assessment practice, and treatment strategies.

CSD 524. Augmentative and Alternative Communication (3). This course reviews diagnosis, intervention, and current research for non-speech communication. Survey of issues and research pertinent to the use of unaided and aided augmentative and alternative communication methods by persons with deficits in speech, language and writing will be covered.

CSD 525. Communicating with Patients and Families (2). This course provides knowledge and skills related to appropriate communication with patients and their families/caregivers/significant others in clinical settings. The critiquing of videotaped sessions with clients/patients and clinical reports will be included.

CSD 528. Practicum in Speech-Language Pathology II (2). Students are assigned their second field-based experience from a variety of JU affiliated clinical settings. Acceptable and verified clinical hours will be applied toward ASHA certification.

Pre-requisite: Practicum I (CSD 517).

CSD 531. Rehabilitation Research Design (3). This course introduces principles of research design and analysis and provides critical evaluation of research and of evidence-based practice.
CSD 536. Special Populations/Autism (3). This course addresses the speech and language concerns related to various congenital and acquired disorders. Theoretical perspectives and evidence-based approaches to assessment and intervention for such populations will be reviewed using case studies and applied activities.

CSD 538. Voice and Resonance Disorders (4). This course provides advanced theory and techniques for the diagnosis and remediation of voice and resonance disorders across the life span. Students will receive supervised hands-on training to develop skills in the endoscopic assessment of voice and swallow function.  
**Pre-requisite:** Acoustics (CSD 302) or equivalent.

CSD 539. Professional Issues in Speech-Language Pathology (2). Issues related to employment settings, job exploration/preparation, credentialing, trends in service delivery, board examinations and professional advocacy in the profession of speech-language pathology will be introduced.

CSD 540. Practicum in Speech-Language Pathology III (3). Students are assigned their third field-based experience from a variety of JU affiliated clinical settings. Acceptable and verified clinical hours will be applied toward ASHA certification.  
**Pre-requisite:** Practicum II (CSD 528).

CSD 550. Externship in Speech-Language Pathology (2 - 4; variable credit). A capstone experience as full-time (30-40 hours per week depending on site) clinical experience in speech-language pathology. Students are expected to demonstrate increasing independence in the provision of diagnostic and therapeutic services in a clinical setting. NOTE: All services provided by students will continue to be supervised in accordance with regulations pertinent to each site and as determined by ASHA.  
**Pre-requisite:** Practicum I (CSD 517), Practicum II (CSD 528), and Practicum III (CSD 540).

CSD 552. Research for Master’s Thesis (2).