

COMD7387 - Developmental Neurobiology of Language and Cognition

[COMD 7387](#) Developmental Neurobiology of Language and Cognition (3 semester credit hours)
Consideration of current neurological data concerning the pre/postnatal development of the brain and how changes in brain structure and function provide the foundations of children's language development and language disorders. We will examine models of the neural substrates and circuitry underpinning developmental changes in language, cognitive control and working memory, episodic memory, and visual face processing in both typical (monolingual and bilingual) language users and in children with developmental language disorders including specific language impairment, reading disabilities, autism spectrum disorder, and cognitive-communicative language disorders. Prerequisites: ([COMD 6308](#) and [COMD 6377](#)) or instructor consent required. (3-0) Y