COLLEGE OF MEDICINE UNDERGRADUATE (COMU)

Courses

COMU 001. Healthy Brains, Healthy Bodies. 3 Credits.
Examines the effects the college experience has on the minds and bodies of individuals. Students will learn the basic physiological and psychological factors that are associated with optimal physical and cognitive functioning at every stage of life.

COMU 002. Intro to Medical Imaging. 3 Credits.
Medical imaging plays a central role in healthcare delivery. Students will learn about X-Ray, CT, MRI, PET, and ultrasound imaging. Their clinical applications and role in healthcare both in the US and around the world will be discussed.

COMU 021. Your Brain on Drugs. 3 Credits.
Demonstrates the effects of drugs and alcohol on behavior and the brain. Pre/Co-requisite: COMU 001.

COMU 090. Internship. 1-3 Credits.
On-site supervised work experience combined with a structured academic learning plan directed by a faculty member or a faculty-staff team in which a faculty member is the instructor of record for which academic credit is awarded. Offered at department discretion.

COMU 092. Independent Study. 1-18 Credits.
A course which is tailored to fit the interests of a specific student, which occurs outside the traditional classroom/laboratory setting under the supervision of a faculty member, for which credit is awarded. Offered at department discretion.

COMU 096. Special Topics. 1-18 Credits.
See Schedule of Courses for specific titles.

COMU 122. Family Wellness Coaching. 3 Credits.
Introduces students to the science behind health promotion in a family setting. Students will learn about motivational interviewing and family based, evidenced based strategies to raise healthy children and keep families healthy in all areas of life. Pre/Co-requisites: COMU 001.

COMU 123. The Effects of Adversity. 3 Credits.
Provide students with an understanding of how adversity affects the brain and genome through the use of imaging techniques such as MRIs and EEGs, epigenetics, and questionnaire data. Pre/Co-requisite: COMU 001.

COMU 125. The Science of Happiness. 3 Credits.
Surveys the science of well-being with a goal toward up-ending the standard medical approach of curing illness or reducing dysfunction in favor of pursuits such as making meaning, pursuing goals, enhancing well-being, and fulfilling potential. Prerequisite: COMU 001.

COMU 131. Sex, Love, Neurosci of Relationships. 3 Credits.
Surveys the state-of-science of close relationships, sexual behavior, and the human experience of love and intimacy. Examines the neurobiology of love and relationships while exploring aspects of attraction, attachment, affection, identity, pathology, and neurodiversity. Prerequisite: COMU 001.

COMU 150. Sleep and the Brain. 3 Credits.
Discusses topics including neurobiology of sleep, sleep across the lifespan, and neuropsychological/psychiatric correlates of sleep. Students will also have the opportunity to engage in sleep assessments and debate topics pertinent to sleep science. Prerequisite: COMU 001.

COMU 153. Anxiety, Inattention & the Brain. 3 Credits.
Provides an in-depth examination of the functional neuroanatomy and clinical phenomenology associated with common emotional and behavioral problems that arise during childhood, adolescence, and early adulthood. Topics will include inattention/hyperactivity, anxiety, depression, autism spectrum, and externalizing problems. Emphasis on human neuroimaging studies. Prerequisite: COMU 001.

COMU 190. Internship. 1-18 Credits.
On-site supervised work experience combined with a structured academic learning plan directed by a faculty member or a faculty-staff team in which a faculty member is the instructor of record for which academic credit is awarded. Offered at department discretion.

COMU 192. Independent Study. 1-18 Credits.
A course which is tailored to fit the interests of a specific student, which occurs outside the traditional classroom/laboratory setting under the supervision of a faculty member, for which credit is awarded. Offered at department discretion.

COMU 195. How You Became You: Personality Development. 3 Credits.
Explores the development of temperament and personality from early childhood to adulthood. Students first assess their own personality, then course proceeds in three parts: fundamental concepts, influences of attraction, attachment, affection, identity, pathology, and neurodiversity. Prerequisite: COMU 001 or PSYS 001.

COMU 196. Special Topics. 1-18 Credits.
See Schedule of Courses for specific titles.

COMU 197. Teaching Assistantship. 1-3 Credits.
Undergraduate student service as a teaching assistant, usually in an introductory-level course in the discipline, for which credit is awarded. Offered at department discretion.

COMU 198. Undergraduate Research. 1-18 Credits.
A course which is tailored to fit the interests of a specific student, which occurs outside the traditional classroom/laboratory setting under the supervision of a faculty member, for which credit is awarded. Offered at department discretion.

COMU 290. Internship. 1-18 Credits.
On-site supervised work experience combined with a structured academic learning plan directed by a faculty member or a faculty-staff team in which a faculty member is the instructor of record for which academic credit is awarded. Offered at department discretion.
COMU 292. Independent Study. 1-18 Credits.
A course which is tailored to fit the interests of a specific student, which occurs outside the traditional classroom/laboratory setting under the supervision of a faculty member, for which credit is awarded.

COMU 296. Special Topics. 1-18 Credits.
See Schedule of Courses for specific titles.

COMU 297. Teaching Assistantship. 1-3 Credits.
Undergraduate student service as a teaching assistant, usually in an introductory-level course in the discipline, for which credit is awarded. Offered at department discretion.

COMU 298. Undergraduate Research. 1-18 Credits.
Undergraduate student work on individual or small team research projects under the supervision of a faculty member, for which credit is awarded. Offered at department discretion.