

COLLEGE OF MEDICINE UNDERGRADUATE (COMU)

Courses

COMU 1010. Healthy Brains, Healthy Bodies. 3 Credits.

Introduces students to the science of brain health and supporting emotional wellbeing during the transition to college. Critically examines the evidence supporting wellness behaviors such as mindfulness, exercise, nutrition, relationships, music, and other practices. Catamount Core: S1.

COMU 1020. 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 1990. Special Topics. 1-18 Credits.

See Schedule of Courses for specific titles.

COMU 1991. 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 1993. 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 2182. Mental Health in Pop Culture. 3 Credits.

Review of literature, film, art, television, music, podcasts, etc. to understand presentations of mental illness and their treatments. Themes such as stigma, stereotyping, vulnerability, psychiatric nosology, the doctor-patient relationship and celebrity culture will be examined. Presentations of neurodiversity will be compared and contrasted with the Western medical worldview and through the lens of entertainment.

COMU 2220. 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 1010.

COMU 2230. The Effects of Adversity. 3 Credits.

Provides an understanding of how adversity affects the brain and genome. Students will engage with the science of adversity using case studies, examples from popular media, and a review of the scientific literature. Pre/Co-requisite: COMU 1010.

COMU 2250. 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 pursuing flow, belonging, passion, forgiveness, gratitude, and other elements of flourishing. Prerequisite: COMU 1010.

COMU 2310. 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 1010.

COMU 2500. 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 1010.

COMU 2530. 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 1010.

COMU 2990. Special Topics. 1-18 Credits.

See Schedule of Courses for specific titles.

COMU 2991. 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 2993. 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 2994. 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 2995. 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.

COMU 3990. Special Topics. 1-18 Credits.

See Schedule of Courses for specific titles.

COMU 3991. 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 3993. 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 3994. 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 3995. 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.