**Psychology Certificates**

|  |  |
| --- | --- |
| \_\_\_\_\_\_\_Industrial/OrganizationalPSYCH 4700: Industrial PsychologyPSYCH 4602: Organizational PsychologyAnd **two** of the following:PSYCH 4500: Personality TheoryPSYCH 4600: Social PsychologyPSYCH 4601: Group DynamicsPSYCH 4610: Leadership | \_\_\_\_\_\_\_Diversity & InclusionPSYCH 4600: Social PsychologyAnd **three** of the following: PSYCH 4310: Psychology of the Exceptional Child PSYCH 4992: Cross-Cultural Psychology PSYCH 4993: Psychology of GenderPSYCH 4500: Personality Theory |
| \_\_\_\_\_\_\_Human FactorsPSYCH 4710: Human FactorsPSYCH 4400: Cognitive PsychologyAnd **two** of the following: PSYCH 4411: Sensation and PerceptionPSYCH 4700: Industrial PsychologyPSYCH 4720: Psychology of Social Technology | \_\_\_\_\_\_\_Health CarePSYCH 4590: Health PsychologyAnd **three** of the following: PSYCH 4501: Abnormal PsychologyPSYCH 3501: Drugs & Behavior PSYCH 4510: Clinical Psychology PSYCH 4990: Internship |

Students of any major, Psychology or otherwise, can choose to designate an optional certification area if they wish. To be admitted to S&T’s undergraduate certificate program, a student must meet Missouri S&T regular undergraduate admission requirements. In order to receive an undergraduate certificate, the student must have an average cumulative grade point of 2.0 or better in the certificate courses. The certificate credits taken by the students will also count towards their bachelor’s degree.

**Neuroscience Certificate**

**CURRICULUM:**

Students must take 12 total credit hours, as follows, to complete the requirements of the certificate. At least one course must come from the biological sciences department (i.e., students cannot take all four courses from the psychological science department).

|  |
| --- |
| **Tier 1 – One required course***PSYCH 4410 Neuroscience (LEC 3.0)* |
| **Tier 2 – Choose two of the following courses:***BIO SCI 4533 Neurobiology (LEC 3.0)****\*\*This course is strongly recommended for all students intending to pursue graduate study in neuroscience but is not offered yearly, so in the case it is not offered, students may take two of the other options\*\*****PSYCH 3501 Drugs and Behavior (LEC 3.0)* *PSYCH 4400 Cognitive Psychology (LEC 3.0)* *PSYCH 4411 Sensation and Perception (LEC 3.0)**BIO SCI 4663 Animal Behavior (LAB 1.0 and LEC 2.0)* |

|  |
| --- |
| **Tier 3 – Choose one of the following courses OR an additional course from Tier 2:***BIO SCI 2223 General Genetics (LEC 3.0)**BIO SCI 2243 Sleep: Function and Dysfunction (LEC 3.0)**BIO SCI 3333 Human Anatomy and Physiology I (LEC 3.0)* *BIO SCI 5353 Developmental Biology (LEC 3.0)**BIO SCI 5533 Pharmacology (LEC 3.0)**COMP SCI 5700 Bioinformatics (LEC 3.0)**COMP SCI 5401 Evolutionary Computing (LEC 3.0)**COMP SCI 5404 Introduction to Computer Vision (LEC 3.0)* *CHEM 5650 Introduction to Medicinal Chemistry* (LEC 3.0) *COMP ENG 5310 Computational Intelligence (LEC 3.0)**ELEC ENG 5320 Neural Networks Control and Applications (LEC 3.0)* *IS&T 5885 Human-Computer Interaction and User Experience (LEC 3.0)**PSYCH 4501 Abnormal Psychology (LEC 3.0)**PSYCH 4590 Health Psychology (LEC 3.0)* *PHILOS 4320 Minds And Machines (LEC 3.0)* |