

Human Factors Master's Program Requirements

Students will be **required** to complete a minimum of nine graduate courses totaling a minimum of 36 credit hours. At least three courses must be at the 500 level.

The following core courses are required:

Psyc 406: *Statistical Methods I* (4 hours) Fall Only

Psyc 407: *Statistical Methods II* (4 hours) Spring Only

Avi 455: *Aviation Accident Analysis* (4 hours)

Psyc 456/Avi 456: *Human Performance & Engineering Psychology* (4 hours)

Psyc 527/Avi 527: *Engineering Psychology* (4 hours)

Psyc 593HF: *Proseminar in Human Factors* (4 hours)

Avi 599: *Master's Thesis Research* (4-16 hours). A maximum of 9 hours may be counted toward the nine course degree requirement, although more than 3 units may be taken.

The following courses are available:

Psyc 496: *Aviation Physiology* (3 to 4 hours, also open to undergraduate students)

Avi 497ST: *Special Topics in Aviation Seminars* (3 to 4 hours, also open to undergraduate students)

Psyc 593TVT: *Safety Informatics* (4 hours) Spring Only

Psyc 593WF: *Advanced Cognitive Modeling Seminar* (4 hours) Fall Only

Psyc 593JM: *Attention and Eye Movements* (4 hours) Spring Only

Aviation 590: *Individual (non-thesis) Research* (4-32 hours). Prerequisite: Graduate standing and consent of instructor.

In addition to the above courses, students may also elect from 400-500 level courses taught by or approved by the Human Factors Division faculty.