The Department of Aviation is accredited by
the North Central Association of Colleges and
Schools (Higher Learning Commission). The
Aviation Safety program is one of the largest
degree programs at UCM and is the only publicly
funded university in Missouri to offer this program.

The Master of Science in Aviation Safety is
designed to prepare individuals for a career in
aviation safety, safety program management, or
aviation management.

How Long Will It Take?
Students taking two courses per semester can
complete the program in two years while working
full-time!

Student Learning Outcomes
The graduate with a Master of Science
in Aviation Safety degree will be able to
demonstrate an ability to:

• Apply learned knowledge of
  mathematics, theories, science, and
  applied sciences.
• Analyze and interpret safety data.
• Function on multi-disciplinary
  safety teams in the area of airport
  management, aviation safety and
  risk management.
• Understand professional and
  ethical responsibilities as a safety
  manager.
• Communicate effectively,
  including both written and verbal
  communication skills as manager of
  an aviation safety program.
• Recognize the need to engage in
  life-long learning.
• Possess the needed knowledge
  of contemporary aviation safety
  issues.
• Use cutting-edge techniques,
  skills, and modern technology
  necessary for professional accident
  investigation, safety practice, and
  program implementation.
• Understand the national and
  international aviation safety
  environment.
• Apply pertinent knowledge in
  identifying and solving safety
  problems in relation to his/her
  career.
Program Coordinator    Dr. John Horine
horine@ucmo.edu
660-543-4455

Requirements for Acceptance into the Program
To be accepted into the program, the student must have a minimum GPA of 2.50 in the undergraduate major. Exceptions to this standard may be granted on a case by case basis. Suitable educational background or experience in aviation and/or safety is required for acceptance. A student must pass a comprehensive examination before completion of the program.

Graduate Requirements    32
AVIA 4040 Aviation Management    3
AVIA 4090 Aviation Law    3
AVIA 4500 Aviation Safety    3
AVIA 5030 Airport Planning & Design    3
AVIA 5500 Aviation Systems Safety & Risk Mgmt.    3
AVIA 5510 Aviation Safety Program Management    3
AVIA 5520 Aircraft Accident Investigation    3
AVIA 4420 Air Transportation    3
or
SAFE 4560 Systems Safety    3

Research
CTE 5130 Research Methods Applied Sciences & Tech    3
or
SAFE 5940 Current Literature & Research in Safety    3
Graduate Electives    5

Questions Regarding the Program
Dr. John Horine
Professor & Advisor for Aviation Safety
660-543-4457
horine@ucmo.edu
ucmo.edu/aviation/programs/masters.cfm

Dr. Raymond E. Cain, Jr.
Assistant Professor for Aviation Department
660-543-8217
cain@ucmo.edu

Dr. William Rankin
Professor for Aviation Department
660-543-4455
wrankin@ucmo.edu

Apply to UCM:
Complete your application at: ucmo.edu/graduate and be sure to provide the School of Graduate & Extended Studies with official transcripts. Those transcripts can be sent to:

University of Central Missouri
School of Graduate & Extended Studies
Ward Edwards Room 1800
Warrensburg, MO 64093

If you have any questions about applying, contact the School of Graduate & Extended Studies at 877-729-8266 ext. 3.

Course Enrollment
For assistance with enrollment contact the School of Graduate & Extended Studies 877-729-8266 ext. 21
extcampus@ucmo.edu

UNIVERSITY OF CENTRAL MISSOURI
DEPARTMENT OF AVIATION