

Flight Operations Major

- 2015 catalog -

Updated: July 2015

Student Name:	ID #:	

WORLD VIEW SEMINAR

CLASS:	CREDITS:	REGISTRATION COMPLETE	SEMESTER COMPLETED:	FINAL GRADE
WVS 101: World View Seminar I	3			
WVS 201: World View Seminar II	3			
World View Seminar III: AVI 401: Aerodynamics	3			
World View Seminar IV: AVI 495: Senior Seminar or other WVS IV course	3			

GENERAL REQUIRED COURSES

CLASS:	CREDIT:	REGISTRATION COMPLETE	SEMESTER COMPLETED:	FINAL GRADE
CIS 101: Intro to Computers / CIS 103: Biz Appl. In Computers (minimum grade of C)				
COM 101: Basic Speech Communication (min. grade of C)				
ENG 101 / ENG 102: Composition & Rhetoric (min. grade of C)	3			
RES 104: Introduction to Research Writing (min. grade of C)	3			
Math/Logic: (UDMA 150 recommended) (min. grade of C)	3/4			
Science Lab Course:(PHY 151 recommended) (min. 4 crd.)	4			
Judeo-Christian Trd:				
Physical Education:				

PILLAR COURSES

CLASS:	CREDIT:	REGISTRATION COMPLETE	SEMESTER COMPLETED:	FINAL GRADE
Social Development: (COM 210 recommended)				
Aesthetics Area A:				
Aesthetics Area B:				
Stewardship:				
Global Awareness Area A:				
Global Awareness Area B: May also be satisfied with 1 year of high school foreign language + 1 semester of college foreign language, CLEP Test, or AP Test Credit.				

AVIATION CORE COURSES

CLASS:	CREDIT:	REGISTRATION COMPLETE	SEMESTER COMPLETED:	FINAL GRADE
AVI 131: Basic Ground School	6			
AVI 145: Safety & Ethics in Aviation	1			
AVI 214: Meteorology (or ESC 214)	3			
AVI 231: Ground School - Instrument	4			
AVI 232: Ground School - Advanced	3			
AVI 233: Air Transportation	3			
AVI 332: Advanced Aircraft Systems/CRJ	3			
AVI 349: Aviation Safety	3			
AVI 401: Applied Aerodynamics	3			
AVI 434: Human Factors	3			
AVI 435: Ground School – Multi-Engine	2			
AVI 447: Crew Resource Management & Advanced Systems	3			
FLI 131: Flight Training I	3			
FLI 132: Flight Training – Cross Country	2			
FLI 231: Flight Training – Instrument	3			
FLI 232: Flight Training – Commercial Maneuvers	2			
FLI 334: Flight Training – Complex/High Performance Aircraft	2			
FLI 435: Flight Training – Multi-Engine	2			
UDMA 150: Precalculus or Higher Level math <u>OR</u> PHY 151: Gen Physics I & Lab	4			

AVIATION INDUSTRY ELECTIVES

(Students are required to take a minimum of 9 credits)

CLASS:	CREDIT:	REGISTRATION COMPLETE	SEMESTER COMPLETED:	FINAL GRADE
AVI 322: Aviation human Capital & Employee Management	3			
AVI 333: Aviation Security & Crisis Management	3			
AVI 337: Airport Management	3			
AVI 341: Aviation law	3			
AVI 344: Corporate Aviation	3			
AVI 346: Airline Management	4			
AVI 348: Fixed Base Operations *	3			
AVI 496: Aviation policy Seminar; Washington D.C. *	3			
* Course not approved for FAA-LOA				

FAA-LOA Elective Courses

- AVI 234 ATC Procedures and National Airspace (3)
- AVI 305 Avionics Systems (3)
- AVI 306 Aircraft Systems and Components (3)
- AVI 404 Air Traffic and Operations (3)
- AVI 430 Fundamentals of Instruction (2)
- AVI 431 CFI Aeronautical Knowledge (3)
- AVI 432 CFI Instrument Ground School (3)
- FLI 431 CFI Flight Training-Airplane (2)
- FLI 432 CFII Flight Training-Airplane (1)
- FLI 433 MEI Flight Training-Multi-Engine (2)
- PHY 151 General Physics I & Lab (4)