

MBA | MSE | IE

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AN ONLINE DUAL DEGREE PARTNERSHIP WITH THE W. P. CAREY SCHOOL OF BUSINESS AND THE IRA A. FULTON SCHOOL OF ENGINEERING

The online MBA/MSE in Industrial Engineering dual degree combines advanced technical areas with a rigorous management curriculum to allow students to receive two degrees: the W. P. Carey MBA and the MSE in Industrial Engineering from the Ira A. Fulton School of Engineering. The dual degree can be earned in a shorter period of time and at a lower cost than if the two degrees were pursued separately. This foundational grounding in two leading schools gives you the necessary tools to succeed in today's global marketplace.

WHO SHOULD APPLY FOR THIS PROGRAM?

The MBA/MSE IE degree is designed for working professionals who have an undergraduate engineering, science, or mathematics degree and at least one year of work experience, and who are beginning to take on management responsibilities. This degree is also for managers who want to stay current in their area of expertise and sense the need to develop enhanced business acumen. Students typically remain employed while they are in the program.

PROGRAM DESCRIPTION

The MBA/MSE in Industrial Engineering dual degree is an online program that requires 56 credit hours of study comprised of eight courses from the MBA program and eight courses from the

MSE program, for a total of 16 courses to receive both degrees over a three year period. Students will progress through the program as a cohort made up of teams. Past participants in the MBA and MSE IE programs represent retail, supply chain/logistics, financial, healthcare, manufacturing, telecommunications, semiconductor, and defense industry sectors—providing a diverse and rich culture for exchanging ideas and strategies.

The MBA/MSE in Industrial Engineering features the following:

- Initial on-campus orientation providing interaction with student cohort and faculty
- Lockstep MBA curriculum—students enter and take all MBA courses as a group
- Courses taught in sequence with all required interaction taking place online
- Flexible choices of four focused Industrial Engineering areas:
 - (1) Information Systems and Management Systems Engineering
 - (2) Operations Research and Production Systems
 - (3) Quality and Reliability Engineering
 - (4) Logistics/Supply Chain Engineering
- **Start Date:** Fall cohort commencing in July 2009 with Orientation July 13–16, 2009 and Spring cohort commencing in Jan. 2010 with Orientation Jan. 11-14, 2010.

FALL APPLICATION DEADLINE: APRIL 15, 2009 (July 2009 start)

YEAR 1 2009	Fall 2009	MGT 502 Organization Theory and Behavior
	Fall 2009	Optional Elective
	Fall 2009	ACC 502 Financial Accounting
	Spring 2010	SCM 502 Operations and Supply Management
	Spring 2010	ECN 502 Managerial Economics
	Spring 2010	ACC 503 Managerial Accounting

YEAR 2 2010	Fall 2010	MKT 502 Marketing Management
	Fall 2010	FIN 502 Managerial Finance
	Fall 2010	MGT 589 Strategic Management
	Spring 2011	IEE Course 1 & 2
	Summer 2011	IEE Course 3

YEAR 3 2011	Fall 2011	IEE Course 4 & 5
	Spring 2011	IEE Course 6 & 7
	Summer 2012	IEE Course 8

SPRING APPLICATION DEADLINE: OCTOBER 1, 2009 (Jan. 2010 start)

YEAR 1 2010	Spring 2010	MGT 502 Organization Theory and Behavior
	Spring 2010	Optional Elective
	Spring 2010	ACC 502 Financial Accounting
	Fall 2010	SCM 502 Operations and Supply Management
	Fall 2010	ECN 502 Managerial Economics
	Fall 2010	ACC 503 Managerial Accounting

YEAR 2 2011	Spring 2011	MKT 502 Marketing Management
	Spring 2011	FIN 502 Managerial Finance
	Spring 2011	MGT 589 Strategic Management
	Summer 2011	IEE Course 1
	Fall 2011	IEE Course 2 & 3

YEAR 3 2012	Spring 2012	IEE Course 4 & 5
	Summer 2012	IEE Course 6
	Fall 2012	IEE Course 7 & 8

Courses listed in **BLACK** are school of business classes. Courses listed in **BLUE** are school of engineering classes.

ADMISSIONS PROCESS

Admission committees from the two schools will individually review applications and provide an admission recommendation to the ASU Graduate College. Admission recommendations are made independently based on established requirements and criteria for each school.

Entrance to the MBA/MSE IE program is contingent upon the student meeting all normal requirements of the ASU Graduate College, as well as the competitive admission requirements of the W. P. Carey MBA, and the Ira A. Fulton School of Engineering MSE in Industrial Engineering program.

Only one application from the student is necessary for both programs, and it must include answers to three essay questions and a current resume. In addition, two letters of reference and official transcripts should be submitted directly to the ASU Graduate College. Apply online today at www.asu.edu/gradapp.

PROGRAM COST

The approximate total cost of the dual degree is \$52,975 for in-state students and \$56,175 for out-of-state students for the three year period - a savings of more than \$17,175 (in-state) or \$21,900 (out-of-state) than if the degrees were pursued independently.

Note: Tuition and fees are set by the Arizona Board of Regents (ABOR) and are subject to change. This fee schedule is current as of March 2006.

ADDITIONAL INFORMATION

There is a one-week, mandatory on-campus orientation prior to the first class. For students starting in July 2009, the orientation is scheduled for July 13-16, 2009. For students starting in Jan. 2010, the orientation is scheduled for Jan. 11-14, 2010. Lodging and meals will be provided during this session, but transportation to and from Phoenix is the responsibility of the student.

ABOUT THE ASU IRA A. FULTON SCHOOL OF ENGINEERING DEPARTMENT OF INDUSTRIAL ENGINEERING:

Industrial Engineering combines knowledge from the physical, mathematical and social sciences to design efficient manufacturing and service systems that integrate people, equipment and information. Improvements made by industrial engineering in automation, information control and process quality revolutionized manufacturing in the past century and greatly increased our quality of life. Trends towards globalization, increased complexity and rapid technological innovation create an even greater need for industrial engineering in the 21st century.

Successful industrial engineering concepts are also spreading to the financial, logistics, retail and health care service industries affording new areas of opportunity. The Department of Industrial Engineering at Arizona State University is ranked among the top 20 in the nation for both undergraduate and graduate programs.

The department enjoys an outstanding national and international reputation for excellence, with particular strengths in industrial statistics and quality engineering, applied operations research, production and supply-chain logistics, and enterprise information systems in challenging manufacturing and service environments. A world-renowned faculty mentors approximately 180 graduate students and has oversight of more than \$2 million in research grants.

MBA ADMISSION REQUIREMENTS

- » Regionally accredited undergraduate degree with a minimum 3.0 GPA in the last two years of study.
- » Competitive GMAT score.
- » If required, TOEFL score of 580 minimum (PBT) or 237 (CAT).
- » Minimum of one year of professional work experience, with continuing employment (dual degree applicants only); two years preferred.

MSE IE ADMISSION REQUIREMENTS

- » Baccalaureate degree in industrial engineering, another engineering discipline, computer science, mathematics, or science generally required (baccalaureate degree in a business discipline to be considered on a case by case basis).
- » Minimum GPA of 3.20.

SAMPLE SPONSOR CORPORATIONS

The following is a list of corporations employing students in the W. P. Carey MBA and Ira A. Fulton MSE programs:

- » The Boeing Company
- » Freescale Semiconductor, Inc.
- » General Dynamics Corporation
- » General Electric Company
- » Honeywell International
- » IBM Corporation
- » Intel Corporation
- » Lockheed Martin Corporation
- » Microsoft Corporation
- » Motorola, Inc.
- » Raytheon
- » Target
- » US Military

CONTACT INFORMATION

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