

MBA/MD Dual Degree Programs

Students interested in the business and/or leadership side of clinical healthcare may consider pursuing a dual MBA and MD degree. Find out about the admission requirements for these programs, as well as some common coursework.

Dual Master of Business Administration (MBA) and Doctor of Medicine (MD) degree programs are fairly common and are designed to equip students to be leaders in the field of healthcare. These programs are typically 5 years in length and include clinical rotations and other hands-on learning experiences. Explore this dual degree program and some of its common requirements here.

!!!Information for MBA/MD Dual Degree Programs

Some MBA/MD dual degree programs may offer additional concentrations, such as Health Sector Management, and usually have students taking MBA courses while taking medical courses. Some programs may require a thesis and classes vary based on a student's personal interests, but here we discuss some of the common courses for these dual programs.

!!Marketing

Most MBA portions of the MBA/MD dual degree program include a course in marketing management and/or marketing strategy. Courses in marketing management teach students to analyze customer demands and create profitable goods or services, as well as effective marketing programs. Courses in marketing strategy go more in-depth into creating and managing market-based resources and may include case studies.

!!Financial Accounting

Many MBA portions require a course in financial accounting that provides the foundational skills for financial decision-making. Students are trained to create and analyze financial statements and how to apply their analysis to the decision-making process. Some of these courses may be offered at a basic and/or advanced level and may include some topics in global financial reporting.

!!Leadership

MBA programs usually include a course that examines various aspects of leadership and aims to answer questions like why would someone follow you or why should others listen to you? These courses may cover topics in ethics, how to analyze and improve organizations and how to align leadership action with leadership goals. Some of these courses may offer hands-on experience through class exercises and role plays that offer personal feedback.

!!Human Structure/Anatomy

Most MD programs include a course in human structure/anatomy early in the program that discuss topics in gross anatomy, physiology and/or micro anatomy. These courses may contain lecture and laboratory sections where students are able to participate in dissections. Through these activities, students examine the structure and function of various parts of the body.

!!Clerkships

The primary hands-on learning experiences for MD programs are clerkships that may begin as early as year 2 of the dual program. These clerkships, or clinical rotations, typically provide experiences in a

range of medical areas, such as medicine, pediatrics, primary care, neurology and surgery. Through these experiences, MD students gain experience and skills diagnosing and treating patients.

!!!Common Entrance Requirements

Students wishing to apply to MBA/MD dual degree programs usually need to apply and be accepted into each program separately. MBA programs may include an interview process and typically require students to include their official transcripts, GRE or GMAT scores, letters of recommendation, essays and/or a resume with their application. MD programs generally have more eligibility requirements than MBA programs, such as prior coursework in areas like biology, biochemistry, physics and statistics. Students applying to MD programs must include their MCAT scores and letters of recommendation and/or evaluation with their application and then undergo an interview process.

Five-year MBA/MD dual degree programs equip students with a solid foundation in business, science and the clinical disciplines of medicine. Students still complete clerkships/clinical rotations and generally tailor their program to their specific interests.

This article was reviewed for Study.com, an education website.

How Do I Become a Tennis Instructor?

Research what it takes to become a tennis instructor. Learn about the education and experience you may need, certification requirements and salary information to find out if this is the career for you.

!!!What Is a Tennis Instructor?

Tennis instructors show others how to better their tennis game. They may work as coaches for beginners, recreational players, high school students, college players or even professional athletes. They may provide individual or group lessons, or they may be coaches for high school or college teams. When instructing beginners, they typically provide instruction on basic techniques and the rules of the game. When working with experienced players, they may offer higher level training advice about game strategy and maintaining physical fitness.

The table below provides information for this profession:

	__Degree Required__		Bachelor's degree (recommended)
	__Training Required__		Active tennis playing experience
	__Education Field of Study__		Exercise and sports science, nutrition and fitness or physical education
	__Certification__		United States Professional Tennis Association (USPTA) or Professional Tennis Registry (PTR)
	__Job Growth (2014-2024)__		6%* (for coaches & scouts)
	__Average Salary (2015)__		\$40,050* (for coaches & scouts)

"Source: *U.S. Bureau of Labor Statistics"

!!What Education Do I Need to Become a Tennis Instructor?

If you're interested in teaching tennis to high school or college students, you may need to obtain a bachelor's degree, according to March 2011 job postings on "Monster.com" and the Intercollegiate Tennis Association ("www.itatennis.com"). Although most employers don't specify a particular area that your degree should be in, the U.S. Bureau of Labor and Statistics (BLS) states that most coaches and instructors have bachelor's degrees in exercise and sports science, nutrition and fitness or physical education ("www.bls.gov"). Many of these programs may incorporate internships into the curriculum, where you'd be placed in sports environments to gain hands-on knowledge.

!!What About Experience?

The BLS claims that most coaches and instructors get their training by playing the sport for several years. Commonly, tennis instructors have played tennis for many years, oftentimes at the competitive level. March 2011 job postings on "Monster.com" state that many employers are seeking candidates who have 2-5 years of experience either playing competitively or instructing others. If you do not have professional experience playing tennis, you may be able to work as an assistant to another professional tennis instructor.

!!Do I Need Certification?

According to the United States Professional Tennis Association (USPTA), many tennis jobs look for applicants who have certification ("www.uspta.com"). If you want to be a tennis instructor, you can seek out certification from the USPTA or the Professional Tennis Registry (PTR). You can possess certification from both organizations. In addition to obtaining certification, these organizations provide benefits such as continuing education opportunities and education workshops.

The USPTA offers three levels of certification ranging from Professional 1-3, with Professional 1 being the most advanced, and Professional 3 being the least advanced. All certification levels require you to be at least 18 years of age, have specific levels of experience and pass certain certification exams. The PTR also has three levels of certification including Junior Development, Adult Development and Performance. All three certifications have a 5-part certification test, and each area can provide you with the coaching principles, planning and teaching aspects you may need to be more marketable.

!!What Are Some Related Alternative Careers?

If you are looking for a job related to tennis, you could also consider becoming a tennis official, such as a referee, chair umpire, rover or line umpire. Although a high school diploma is usually the only educational requirement for one of these jobs, you need to have extensive knowledge of the rules of tennis. Alternatively, you might also be interested in a job as a general fitness instructor. These professionals often work at health clubs and recreation centers, where they instruct individuals or groups on general exercise activities, like aerobics or weightlifting. They may also offer advice on healthy lifestyle choices, like weight loss and nutrition. For this job, you would need to have a high school diploma or the equivalent.

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