Merage School Graduate Programs

For More Information
Full-Time M.B.A. (http://merage.uci.edu/FulltimeMBA)
Email: mba@merage.uci.edu

Email: mbaprograms@exchange.uci.edu

Email: mbaprograms@exchange.uci.edu

Master of Professional Accountancy (http://merage.uci.edu/go/mpac)
Email: mpac@merage.uci.edu

Master of Finance (http://sites.uci.edu/masteroffinance)
Email: mfin@merage.uci.edu (mpac@merage.uci.edu)

M.S. in Business Analytics (https://merage.uci.edu/programs/masters/master-science-business-analytics)
Email: msba@merage.uci.edu (msba@merage.uci.edu)

Ph.D. (http://merage.uci.edu/PhD)
Email: phd@merage.uci.edu

Educational Objectives
The Paul Merage School of Business offers a general management M.B.A. degree and a learning experience that prepares graduates for a lifetime of professional and personal growth with increasingly important enterprise-wide responsibilities. The rigorous curriculum, combined with extensive professional and interpersonal training made available through the School’s M.B.A. Career Center, allows students to gain theoretical perspectives that are in turn tested and affirmed with practical application. The result is an environment that fosters the development of professional and personal skills vital to executives and managers. Students are encouraged to develop their ability to lead change by mastering communication skills, to work productively and actively within a team-oriented environment, to gain a solid grasp of quantitative skills, and to appreciate and effectively employ those solutions that integrate information and technology to offer creatively viable business options.

The School has developed a thematic approach to business education: leadership for a digitally-driven world. The goal is to graduate leaders with the exceptional ability to grow their organizations through strategic innovation supported by data analytics, information technology, and collaborative execution. Although a solid grounding in basic business disciplines provides the foundation for effective management, graduates are encouraged to aim higher. They learn about change as it takes place within the context of a knowledge-based, technology-driven society where information and its effective use are vital to establishing a competitive edge. Students, whether they are interested in finance, marketing, general management, strategic planning, accounting, operations, health care, human resources, international business, or other areas, will be thoroughly imbued and comfortable with the nature and importance of strategic innovation and how crucial it is toward sustaining growth in today’s competitive global economy. Further, they will understand the impacts of technology and the technological processes that enable the gathering, analysis, dissemination, and use of information to change the way business is done. The thematic approach of the School provides a skill-set, core understanding, and depth of knowledge that will enable its graduates to be effective managers who are not only proficient in business procedures but have the leadership qualities and conceptual framework to affect change by transforming conventional business practices or perhaps even inventing new business processes and management techniques.

Additionally, The Paul Merage School of Business has achieved a national reputation for excellence in graduate management education in the health care industry through the Health Care Executive M.B.A. (HCEMBA) program. Industry managers and health care professionals learn about managerial challenges and issues in the health care industry where hundreds of health care providers, medical device and instrumentation companies, and biosciences firms are headquartered. Joint M.D./M.B.A. and J.D./M.B.A. programs are also available.

The Paul Merage School of Business also offers a number of specialized and joint master’s programs, including: the Master of Professional Accountancy (MPAc); the Master of Finance; the M.S. in Business Analytics; the M.S. in Engineering Management, offered jointly with The Henry Samueli School of Engineering; and the M.S. in Biotechnology Management, offered jointly with the Department of Molecular Biology and Biochemistry (MB&B) in the Francisco J. Ayala School of Biological Sciences and the Department of Biomedical Engineering in The Henry Samuel School of Engineering.

General Admission Requirements
Evaluation of the applicant’s file for admission to the Master’s and Ph.D. degree programs will consist of an integrated assessment of all materials (test scores, transcripts of previous academic work, work experience, essays, and letters of recommendation). The University admission standard of a 3.0 or better undergraduate grade point average (on a 4.0 scale) is preferred. The minimum TOEFL (Test of English as a Foreign Language) score acceptable for study at the School for all M.B.A. and specialized master’s programs is 80 or better on the Internet-based test. The Ph.D. program minimum acceptable score is 100 on the TOEFL Internet-based test. International M.B.A. and specialized master’s programs applicants may also...
take the Pearson Test of English (PTE), where the minimum score required for admission is 53; or the International English Language Testing System (IELTS), where the minimum score required is 7. Substantive work experience is considered for applicants to M.B.A. programs.

Requests for application material should be addressed to either the Full-Time M.B.A. (SB1 4500), Fully Employed M.B.A. (SB1 4200), Executive M.B.A. (SB1 4200), Health Care Executive M.B.A. (SB1 4200), Ph.D. Program (SB1 3235), or Master of Professional Accountancy Program (SB1 5400), Master of Finance Program (SB1 4500), or M.S. in Business Analytics Program (SB1 4500) at

The Paul Merage School of Business
University of California, Irvine
Irvine, CA 92697-3125
949.824.4565
MBAPrograms@exchange.uci.edu

Doctor of Philosophy in Management (http://merage.uci.edu/phd/default.aspx)

The Paul Merage School of Business admits students for the Ph.D. in the fall quarter only. The deadline for application is January 4. The Ph.D. program requires a commitment to full-time study. In addition to the other requirements, Ph.D. applicants are encouraged to submit a previously prepared paper (research report, research essay, case study) which may be indicative generally of the applicant’s interests and capabilities.

The School offers the Ph.D. in Management to students with backgrounds in a variety of disciplines. While a master’s degree is preferred, students may be admitted to the doctoral program directly from the baccalaureate degree. There are many appropriate undergraduate majors, including (but not limited to) psychology, political science, business or public administration, mathematics, computer sciences, economics, sociology, and so forth. Students with academic strengths in disciplines not usually considered as precursors for management (e.g., natural sciences, humanities, and the arts) are encouraged to apply. The Ph.D. program is designed to prepare students for academic careers in a number of the fields of management, e.g., organization and management, strategy, operations and decision technologies, management information systems, finance, accounting, and marketing. Requirements of the Ph.D. program include a broad knowledge of core management disciplines. In addition, the Ph.D. student must qualify as a skilled researcher and must complete a dissertation demonstrating these skills.

The Ph.D. program is divided into two phases: qualification and dissertation. In the qualification phase the student prepares for dissertation research in an area of specialization. This phase is completed when an oral qualifying examination is passed and the candidacy committee recommends advancement to candidacy for the Ph.D. The normative time for advancement to candidacy is three years. The dissertation phase involves a significant original research project which demonstrates the Ph.D. student’s creativity and ability to launch and sustain a career of research. The normative time for completion of the Ph.D. is five years, and the maximum time permitted is six years.

Requests for information should be addressed to the University of California, Irvine, Doctoral Program Admissions Office, The Paul Merage School of Business, SB1 3235, Irvine, CA 92697-3125; phd@merage.uci.edu; or visit the Doctoral program website (http://merage.uci.edu/PhD).

M.B.A. Programs

The Paul Merage School of Business offers a variety of programs leading to the M.B.A. (Master of Business Administration) degree. These include a two-year, Full-Time M.B.A. program and three part-time M.B.A. programs including: a 21-month Executive M.B.A. program, a 21-month Health Care Executive M.B.A. program, and a 27-33 month Fully Employed M.B.A. program. Additionally, a four-year concurrent J.D./M.B.A. program is offered in conjunction with the School of Law and a five-year M.D./M.B.A. program is offered in conjunction with the School of Medicine.

Full-Time M.B.A. Program

The Paul Merage School of Business admits students to the two-year, Full-Time M.B.A. program in the fall quarter. Students from a variety of undergraduate disciplines, including liberal arts, social sciences, physical or biological sciences, computer science, and engineering, are encouraged to apply. The final deadline for completion of all phases of the application procedure is generally around April 1. However, since admissions are received on a rolling basis, applicants are encouraged to check with the M.B.A. Admissions Office regarding application submission. In addition to the general University rules governing admission to graduate study, the School normally requires the completion of the Graduate Management Admission Test (GMAT) or the Graduate Record Examination (GRE). There are no specific prerequisite requirements for the Full-Time M.B.A. program. However, the Admissions Committee does look for evidence of quantitative proficiency in all applicants.

The evaluation of an applicant’s file for admission consists of an integrated assessment of all materials submitted including test scores, transcripts of previous academic work, work experience, essays, and letters of recommendation. The M.B.A. program at The Paul Merage School of Business is distinctive for its focus on providing students the capabilities and skills to succeed in the technology-rich Innovation Economy. Students develop a sophisticated understanding of the new requirements for success in the School’s curriculum that emphasizes the critical drivers of the Innovation Economy: Strategic Innovation, Information Technology, Analytical Decision Making, and Collaborative Execution.

The Full-Time M.B.A. program requires a minimum of 92 units with a minimum grade point average of 3.0 in the core curriculum and overall. The curriculum consists of courses divided into two groups designed to achieve specific educational objectives. Ten required Common Core Courses (40 units) and 52 units of elective courses which students select to emphasize career goals and educational interests. A thesis is not required.

**International Requirement.** Students must fulfill the requirement in one of the following ways: completion of a Paul Merage School of Business international elective in a functional area; participation in a Paul Merage School of Business international exchange program; or completion of an upper-division or graduate international course offered by another UC school, with the approval of The Paul Merage School of Business Associate Dean.

**Electives.** In addition to the core courses, 52 more units of elective courses are required. The major emphasis in the elective courses is to develop additional depth in a discipline or interdisciplinary area or specialized competence in the use of a particular set of technical tools and methods. Students select their electives in light of their educational and career goals and interests.

Further information may be obtained by contacting the University of California, Irvine, Full-Time M.B.A. Program Office, The Paul Merage School of Business, SB1 4500, Irvine, CA 92697-3125; 949-824-4622; or visit the Full-Time MBA website (http://merage.uci.edu/FullTimeMBA).

**J.D./M.B.A. Program**

Highly qualified students interested in combining the study of law with professional qualifications in business are invited to undertake concurrent degree study under the auspices of UC Irvine’s Program in Law and Graduate Studies (PLGS). Students approved for this concurrent degree program pursue a coordinated curriculum leading to a J.D. from the School of Law in conjunction with an M.B.A. from The Paul Merage School of Business. The objective of the program is to promote interdisciplinary study of law while also enabling students to obtain both a J.D. and a business degree in less time than would be required to acquire both degrees separately. The normative time for completion of the J.D./M.B.A. program is four years.

UC Irvine’s PLGS program is well suited to students interested in professional or academic careers focused on the interdisciplinary or multidisciplinary study of law and legal institutions, policy analysis, and/or applied research in law-related fields (for example, taxation, corporate reporting and governance, regulation and compliance, discrimination, securities, property, real estate, and intellectual property).

Applicants must submit separate applications for admission to the School of Law and to the Merage School. Once admitted for study into both components of the program, concurrent degree students will work with the PLGS director and the director of the Full-Time M.B.A. program to develop a program of study that will permit efficient pursuit of both degrees. Concurrent degree students’ law enrollments will include a required 1-unit “Graduate Legal Studies” colloquium and a 3-unit “Interdisciplinary Perspectives on Law” course. Concurrent degree students will be eligible to apply for financial support through the Merage School while pursuing their M.B.A. and through the School of Law while pursuing law studies.

**Program Overview.** The School of Law requires students to complete 86 law semester units of study for the J.D., 68 of which must be classroom units of law instruction. The remaining 18 law units can be completed outside the School of Law, at the student’s discretion, and with approval of the School’s Dean of Students. Ten of these 18 law units can be obtained in courses undertaken in the concurrent degree department. The remaining eight law units are typically spent in non-classroom clinical practice.

The Full-Time M.B.A. program operates on a quarter system and J.D./M.B.A. students are required to complete a minimum of 76 M.B.A. units. The curriculum consists of courses divided into two groups designed to achieve specific educational objectives. The courses are divided as follows: 10 required Common Core Courses (40 M.B.A. units) and 36 M.B.A. units of elective courses which students select to emphasize career goals and educational interests. A maximum number of 120 hours of classroom instruction, or 16 M.B.A. units (normally four 4-unit quarter courses), may be utilized toward the M.B.A., total, from sources outside of UCI’s Merage School. This includes any “non-Merage course approvals” taken in other UCI units, intercampus exchange courses, etc.

The M.B.A. component of the J.D./M.B.A. requires that the 16 M.B.A. units of electives permitted from outside the Merage School may be (but are not restricted to be) taken from among appropriate School of Law electives but may not be counted simultaneously toward satisfying concurrent degree requirements in the School of Law.

Detailed information about J.D./M.B.A curriculum paths is available online at the Dual Degree Program website (http://www.law.uci.edu/academics/interdisciplinary-studies/concurrent-degrees.html).

**M.D./M.B.A. Program**

The M.D./M.B.A. program requires five or six years for completion. It is aimed at individuals who are exceptional in ability and motivation and who seek a career as physicians with major responsibility for administration and management in health care organizations and institutions. Students in this program pursue a combined curriculum for an M.D. degree from the School of Medicine and an M.B.A. from The Paul Merage School of Business.

Students must be currently enrolled in the M.D. program and in good academic standing in order to apply to the combined M.D./M.B.A. program. During their second or third year of medical school, interested students submit an application to The Paul Merage School of Business Admissions Committee, after review by the School of Medicine. Final acceptance to the program is granted by The Paul Merage School of Business, and M.B.A. course work begins following completion of the student’s third year of medical school. Students should be aware that enrollment in the M.D. program does not guarantee acceptance into the M.B.A. program.
The total number of units required to graduate for each program separately are satisfied in the M.D./M.B.A. program. The Full-Time M.B.A. program operates on a quarter system and M.D./M.B.A. students are required to complete a minimum of 76 M.B.A. units.

For more information about the M.D./M.B.A. program, contact the School of Medicine’s admissions office by phone at 949-824-5388 or by email at medadmit@uci.edu (medadmit@uci.edu).

Special Opportunities

The Paul Merage School of Business offers course work in health care management within the M.B.A. program. The courses provide training not only in health care and related issues but also expose students to professionals in the areas of management, finance, marketing, and strategic planning.

In today’s interconnected global business world, it has become increasingly important for management students to learn to operate in an international environment. Students in the full-time M.B.A. program can gain first-hand knowledge of the culture and management practices of other industrialized countries by participating in an academic exchange with universities located abroad. This experience, combined with course work in international management, prepares students for the demands and complexities of the growing global economic environment. Currently, The Paul Merage School of Business has exchange relationships with: Bocconi University, Milan, Italy; China Europe International Business School (CEIBS), Shanghai, China; Chinese University of Hong Kong (CUHK), Hong Kong; Corvinus University of Budapest, Hungary; ESSEC Graduate School of Management, France; Fudan University, Shanghai, China; Hong Kong University of Science & Technology, Hong Kong; Maastricht University, Netherlands; National University of Singapore (NUS), Singapore; Pontificia Universidad Catolica de Chile (PUC), Santiago, Chile; Vienna University of Economics and Business Administration, Vienna, Austria; and Yonsei University, Seoul, Korea.

The Merage School also offers specialized M.B.A. certificates in partnership with our Centers of Excellence, including certificates in Digital Transformation, Innovation and Entrepreneurship, and Real Estate and Urban Development. For complete information about the certificates, see the Centers of Excellence portion of the Catalogue.

M.B.A. Career Center

The M.B.A. Career Center, located within the Merage School, assists M.B.A. students with taking the next steps in their professional career. The Center has two main functions: (1) helping students develop lifelong career management skills through career and professional development activities, job search training, and personalized coaching services and (2) facilitating connections with organizations that hire for internships and full-time jobs. The relatively small size of the M.B.A. program allows students to develop a close working relationship with the M.B.A. Career Center staff.

Fully Employed M.B.A.

The Fully Employed M.B.A. (FEMBA) program gives emerging managers an opportunity to earn an M.B.A. with minimal disruption to their professional lives. Students attend classes delivered in-person or hybrid (online and in-person) during the program. The FEMBA Program enrolls new students in spring or fall. Students that begin the program in spring attend classes nine consecutive quarters, including summers, and complete the program within 27 months. Students that begin the program in fall attend classes during the Fall-Spring academic year and complete the program within 33 months. Students also have the opportunity to accelerate their program to graduate in 21 months.

The program consists of both core courses and electives, allowing students to establish a solid foundation of traditional business skills and then customize their education based on personal interests and goals. The curriculum provides constant interaction between information presented in the classroom and what is being used on the job, reinforcing and enhancing the student’s learning experience.

In addition to classroom work, students attend two residential courses including one abroad focusing on global markets. In this concentrated setting, students and faculty have an in-depth opportunity to explore a variety of business challenges and how those challenges can best be met using contemporary management tools.

Further information may be obtained by contacting the University of California, Irvine, Fully Employed M.B.A. Program Office, The Paul Merage School of Business, SB1 4200, Irvine, CA 92697-3125; 949-824-4565; or visit the Fully Employed MBA website (https://merage.uci.edu/programs/masters/fully-employed-mba).

Special Opportunities

The Paul Merage School of Business offers course work in health care management within the M.B.A. program. The courses provide training not only in health care and related issues but also expose students to professionals in the areas of management, finance, marketing, and strategic planning.

For our Fully Employed and Executive M.B.A. students, we offer week-long global residential courses to immerse students in key areas related to global development, operations, management, and leadership. Past global residencies have taken place in: Brazil, Argentina, China, Vietnam, Thailand, Myanmar, Russia, Germany, and other locations.

The Merage School also offers specialized M.B.A. certificates in partnership with our Centers of Excellence, including certificates in Digital Transformation, Innovation and Entrepreneurship, and Real Estate and Urban Development. For complete information about the certificates, see the Centers of Excellence portion of the Catalogue.
Executive M.B.A. Program
The Executive M.B.A. (EMBA) program presents a challenging 21-month course of study specifically designed for executives, senior managers, professionals, entrepreneurs, and technical experts throughout Southern California. Participants have an average of 15 years work experience (with a minimum of eight years), demonstrated leadership abilities, and a proven track record of success. Commencing each fall, students meet for seven consecutive quarters on alternate weekends (Friday and Saturday) at The Paul Merage School of Business. Class size allows students the opportunity to actively participate in class discussions and interact closely with their peers.

The program offers an applications-oriented curriculum with an international focus designed to give the seasoned working professional contemporary management tools for successfully leading organizations in a global environment. The EMBA program is a 76-unit program and offers a maximum amount of core and elective course material presented in an accelerated timetable.

In addition to the two, four-day residentials, students participate in an in-depth academic, week-long global residential course abroad. This provides a unique opportunity to experience global business firsthand from a corporate, academic, and cultural standpoint.

Further information may be obtained by contacting the University of California, Irvine, Executive M.B.A. Programs, The Paul Merage School of Business, SB1 4200, CA 92697-3125; 949-824-4565; or visit the Executive MBA website (http://merage.uci.edu/ExecutiveMBA).

Health Care Executive M.B.A. Program
The Health Care Executive M.B.A. (HCEMBA) program is a comprehensive academic experience for professionals and clinicians working in the health care industry. This unique program is designed for professionals who want to expand their business expertise and gain the fundamentals of management as well as develop a better understanding of the economic, political, and social dynamics which shape the global health care industry. Students come from the intersecting industries of pharmaceuticals, medical device, managed care, insurance, health care services, and health care policy. Participants have an average of 12 years of experience in health care, demonstrated leadership abilities, and a proven track record of success. This 21-month program begins each fall. Classes meet one weekend a month, starting Thursday evening and continuing until noon on Sunday. Classes meet for seven consecutive quarters at The Paul Merage School of Business.

The curriculum is a carefully structured program that assures each student's exposure to the full range of disciplines which are essential components of a graduate-management education. The core and elective courses are specifically customized for application to a health care professional's daily challenges.

In addition to two, week-long residentials, students participate in an in-depth academic, week-long course in Washington, D.C. where they meet health care industry leaders to better understand legislative and regulatory processes that affect health care.

Further information may be obtained by contacting the University of California, Irvine, Executive M.B.A. Programs, The Paul Merage School of Business, SB1 4200, CA 92697-3125; 949-824-4565; or visit the Health Care Executive MBA website (http://merage.uci.edu/HealthcareExecutiveMBA).

The Master of Finance (M.Fin.)
The Master of Finance program provides extensive and practical training for quantitative and analytical jobs in the field of finance. The program prepares graduates for entry- and mid-level positions in the field of finance, and opportunities to specialize in areas such as corporate finance, investments management, wealth management, and real estate. The program is a one-year, self-supporting terminal master's degree, which includes opportunities for extra-curricular internships or practicums.

Students build a strong understanding of modern finance, as well as the quantitative and analytical skills needed to address complex problems found in the field of finance today. Graduates will be prepared for positions in such finance fields as risk management, asset and wealth management, real estate management, and forecasting. Longer term career paths could include chief finance officer, risk managers, chief risk officer, and portfolio managers at banks, asset management companies, and investment funds.

Admissions
Applicants may apply directly to the Paul Merage School of Business. Applicants must meet all the prerequisites requirements at the time of matriculation into the program. Admission to graduate-level standing in the Paul Merage School of Business is accorded to those possessing an undergraduate degree with an acceptable level of scholarship from an institution of recognized standing. A quantitative background in subjects such as calculus and intermediate statistics and probability is encouraged, so undergraduate degrees in sciences, engineering, mathematics, and in some economics and business programs are recommended.
Applicants for admission will be evaluated on their academic record and potential for leadership, as demonstrated by the materials submitted in the application. These materials must include university transcripts, two letters of recommendation, a statement of purpose essay, a resume, and a personal interview. We highly recommend that applicants take the GMAT or GRE. While these tests are not required, the admissions team is looking for evidence of strong quantitative skills. In lieu of evidence of a strong quantitative background in the form of previous coursework or relevant professional experience, the school can use the GMAT/GRE test as evidence of such a skill set. If the potential applicant received his/her undergraduate degree from a foreign country and his/her primary language is not English, then s/he will be responsible to take the TOEFL exam with a minimum score of 80 on the internet-based test. A Pearson Test of English (PTE) may be substituted for the TOEFL. The minimum score for the PTE is 53.

Requirements
The program consists of seven required courses and seven electives, with a total of 52 units to be completed in 12 months.

A. Complete the following:

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<tr>
<th>Course Code</th>
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<tr>
<td>FIN 203A</td>
<td>Financial Reporting for Management</td>
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<tr>
<td>FIN 240</td>
<td>Financial Research Methodology</td>
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<tr>
<td>FIN 210</td>
<td>Foundations of Finance</td>
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<tr>
<td>FIN 241</td>
<td>Risk Management</td>
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<td>FIN 249</td>
<td>Derivatives</td>
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<td>FIN 296</td>
<td>Master of Finance Capstone</td>
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<tr>
<td>FIN 211</td>
<td>Master of Finance Proseminar 1</td>
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</tbody>
</table>

B. Select seven electives from FIN and/or MBA course offerings.

1 Must be taken during the fall, winter, and spring quarters.

Master of Professional Accountancy (MPAc) (http://merage.uci.edu/MPAc)

The Master of Professional Accountancy (MPAc) program provides an intensive, focused level of training that will prepare graduates for entering positions within an accounting firm, private company, or public/nonprofit organization. Combined with undergraduate preparation in accounting, the MPAc program will enable students to meet the State of California Board of Accountancy educational standards for licensure as a certified public accountant in California. The program is a self-supporting terminal master’s degree and includes the opportunity for a one-quarter internship. The program is offered as a full-time, one-year program or on a part-time basis in which students complete the program requirements over two years.

Students who complete this program will possess the necessary knowledge to solve fundamental and strategic issues in accounting. They will learn to apply both critical thinking and established accounting processes to issues crucial to the audit and accountability of an organization. The coursework will have a pedagogical underpinning of ethical behavior and professional conduct. The underlying philosophy in the program’s framework is intended to develop a foundational understanding of key accounting principles and concepts while also offering a breadth of broader issues and topics relevant to the discipline.

Further information may be obtained by contacting the University of California, Irvine, Master of Professional Accountancy Program Office, The Paul Merage School of Business, SB1 5400, Irvine, CA 92697-3125; 949-824-9240; or visit the Master of Professional Accountancy website (http://merage.uci.edu/MPAc).

Admissions
Applicants may apply directly to The Paul Merage School of Business. Applicants to the fall class must meet all prerequisite requirements at the time of matriculation into the program. Specifically, an applicant must have satisfactorily completed the following prerequisite courses (or their equivalent) in accounting (although students lacking up to two upper-division undergraduate accounting courses will be permitted to petition to enroll in those courses as an additional part of the MPAc program): introductory financial and managerial accounting (two courses) and at least six of the following eight upper-division U.S. accounting-based courses: intermediate accounting I, intermediate accounting II, international accounting, advanced accounting, individual taxation, corporate and partnership taxation, accounting information systems, and auditing. At the discretion of the Admissions Committee, “provisional admission status” will be offered to highly qualified candidates who have met most, but not all, of the prerequisite requirements and will satisfy the requirements prior to matriculation.

Other highly qualified applicants who do not meet the entrance requirements to begin the program in the fall quarter will be offered an opportunity to enroll in an intensive summer pre-session at The Paul Merage School of Business. The pre-session will be required of those who possess an excellent undergraduate record of achievement, strong letters of recommendation, and a clear focus relative to a career in accounting; and, who need specific prerequisite coursework in accounting and business. The summer pre-session will include four courses. Students must successfully complete all of the pre-session coursework to meet the course prerequisites of the MPAc program in order to enter the program in the fall quarter. Pre-session coursework will be done over the two designated Summer Sessions. Students will enroll in a curriculum of two courses in Summer Session I and two courses in Summer Session II. The courses are as follows:

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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tr>
<td>MPAC 200A</td>
<td>Intermediate Accounting Intensive I</td>
</tr>
<tr>
<td>MPAC 200B</td>
<td>Foundations of Taxation Intensive</td>
</tr>
<tr>
<td>MPAC 200C</td>
<td>Intermediate Accounting Intensive II and Special Topics</td>
</tr>
</tbody>
</table>
Admission to graduate standing in The Paul Merage School of Business is accorded to those possessing an undergraduate degree with an acceptable level of scholarship from an institution of recognized standing. Applicants for admission will be evaluated on their academic record and potential for leadership as demonstrated in submitted application materials. These materials will include official university transcripts and resume, two letters of recommendation, a Statement of Purpose, and an essay. A personal interview, by invitation only, will be part of the admission process. We highly recommend that applicants take the GMAT or GRE. While these tests are not required, the admissions team is looking for evidence of strong quantitative skills. In lieu of evidence for a strong quantitative background in the form of previous coursework or relevant professional experience, the school can use the GMAT/GRE test as evidence of such a skill set. Those students educated from a country where English is not the primary language will be required to possess a minimum score on the Test of English for Foreign Language (TOEFL) of 600 for the paper-based test and 80 for the Internet-based test. Further, international applicants may also take the Pearson Test of English (PTE). The minimum required score for admission is 53. Scores are valid for two years.

Requirements
The program requires students to complete no less than 11 courses and a minimum of 44 units. Of the minimum of 11 courses needed to complete the program, students must satisfactorily complete seven required courses. The required courses are as follows:

- **MPAC 230** Accounting Proseminar: Career and Professional Development (Students must enroll in both Proseminar courses.)
- **MPAC 231A** Financial Statement Analysis and Forecasting
- **MPAC 232** Taxes and Business Strategy
- **MPAC 235** Advanced Managerial Accounting
- **MPAC 238** Advanced Auditing and Assurance Services
- **MPAC 239** Ethics in Accounting and Business
- **MPAC 291** Professional Research and Communication

Students will be expected to enroll in and successfully complete at least 16 units of elective work as part of the program requirements. Students will be permitted to enroll in M.B.A. or MPAC level courses if the student has met the prerequisites and there is space allowed in the course. Further, students will be encouraged to pursue a formal internship experience in the winter and/or spring quarters by enrolling in MPAC 241 Accounting Internship, a 2-4 unit course.

The Master of Science in Business Analytics

Business analytics involves the application of sophisticated statistical and analytical methods to extract business value and strategic advantage from the growing availability of large data sets. The ability to effectively analyze evidence-based data is becoming critical for every firm in every industry, so that the demand for professionals with business analytics skill sets far outstrips the supply of such individuals. Business analytics is an essential factor of production at par with traditional labor and capital inputs.

Responsive to these trends, the Paul Merage School of Business offers a Master of Science in Business Analytics, a one-year self-supporting full-time degree targeted at a mix of individuals with and without work experience.

Admissions
Applicants may apply directly to the Paul Merage School of Business. Applicants must meet all the prerequisite requirements at the time of matriculation into the program. Admission to graduate level standing in the Paul Merage School of Business is accorded to those possessing an undergraduate degree with an acceptable level of scholarship from an institution of recognized standing. A quantitative background is encouraged, so undergraduate degrees in mathematics, computer science, economics, statistics, engineering, and physics are recommended.

Applicants for admission will be evaluated on their academic record and potential for leadership, as demonstrated by the materials submitted in the application. These materials must include university transcripts, two letters of recommendations, a statement of purpose essay, a resume, and a personal interview. We highly recommend that applicants take the GMAT or GRE. While these tests are not required, the admissions team is looking for evidence of strong quantitative skills. In lieu of evidence for a strong quantitative background in the form of previous coursework or relevant professional experience, the school can use the GMAT/GRE test as evidence of such a skill set.

If the potential applicant received his/her undergraduate degree from a foreign country and his/her primary language is not English, s/he will be responsible to take the TOEFL exam with a minimum score of 80 on the internet-based test. A Pearson Test of English (PTE) may be substituted for the TOEFL. The minimum score for the PTE is 53.

Requirements
The curriculum explores three essential areas of training: data management, analytics methods, and business context. Students learn how to handle large data sets, and apply a range of analytics methods – including data analytics, marketing analytics, and operation analytics – to gain business insights relevant to a specific business context.
The basic course requirements include 11 core courses (34 units) and five elective courses (20 units), for a total of 54 units. The required courses are as follows:

A. Complete the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>BANA 200</td>
<td>Foundations of Business Analytics</td>
</tr>
<tr>
<td>BANA 201A</td>
<td>Statistics for Data Science</td>
</tr>
<tr>
<td>BANA 201B</td>
<td>Management Science for Analytics</td>
</tr>
<tr>
<td>BANA 205</td>
<td>Foundations of Marketing</td>
</tr>
<tr>
<td>BANA 204A</td>
<td>Microeconomics for Business Analytics</td>
</tr>
<tr>
<td>BANA 211</td>
<td>MSBA Proseminar</td>
</tr>
<tr>
<td>BANA 212</td>
<td>Data and Programming for Analytics</td>
</tr>
<tr>
<td>BANA 273</td>
<td>Business Intelligence for Analytical Decisions</td>
</tr>
<tr>
<td>BANA 277</td>
<td>Web and Social Analytics</td>
</tr>
<tr>
<td>BANA 298A</td>
<td>Business Analytics Capstone Prep</td>
</tr>
<tr>
<td>BANA 298B</td>
<td>Business Analytics Capstone Project</td>
</tr>
</tbody>
</table>

B. Select five Business Analytics or Fully-Employed MBA electives.

**M.S. in Engineering Management Degree Program**

The Master of Science in Engineering Management is a graduate degree offered jointly by The Paul Merage School of Business and The Henry Samueli School of Engineering that will prepare engineers for leadership roles in technology, science, government, and engineering-based companies and organizations. The curriculum includes courses in engineering from The Henry Samueli School of Engineering and courses in business administration from The Paul Merage School of Business. Students will learn to think in innovative ways as business and engineering project managers to solve complex engineering product development challenges through consulting projects, business plans and exposure to current issues within the engineering sector. Students will develop quantitative and qualitative skills along with business communication skills.

In this competitive program, students will learn about business from the engineering perspective and engineering from the business perspective. Students will be taught to think about their work through the lens of innovation and to develop a crucial view to enhance their careers.

For more information about the program, see The Henry Samueli School of Engineering section of the Catalogue.

**M.S. in Biotechnology Management Degree Program**

The M.S. in Biotechnology Management is a joint graduate degree that will prepare scientists for leadership roles in biotechnology, science, and engineering-based companies through a curriculum comprised of courses from the Department of Molecular Biology and Biochemistry (MB&B) in the Francisco J. Ayala School of Biological Sciences, the Department of Biomedical Engineering in The Henry Samueli School of Engineering, and The Paul Merage School of Business. Students will receive advanced training in biotechnology through course work, a teaching laboratory, and two quarters of independent research in a faculty laboratory of their choosing. They will also learn to think as a business manager by solving product development challenges through consulting projects, creating business plans, and by exposure to current issues within the biotechnology sector. Students will develop quantitative and qualitative skills along with business communication skills. Students will learn about business from the biotechnology perspective and biotechnology from the business perspective and will be taught to think about their work through the lens of innovation, a crucial view for their careers.

For more information about the program, see the Francisco J. Ayala School of Biological Sciences section of the Catalogue.