4. CARLOS ALVAREZ COLLEGE OF BUSINESS

Mission Statement
The Carlos Alvarez College of Business is dedicated to creating and sharing knowledge that enhances the translation of theory to practice. The College combines rigor with relevance and provides innovative solutions to global business challenges.

General Information
The Carlos Alvarez College of Business welcomes all students dedicated to academic success in the study of business. The College is accredited by AACSB (Association to Advance Collegiate Schools of Business) International and is one of a select group of programs internationally with separate accreditation at the undergraduate, master’s and doctoral levels in accounting.

Students who graduate from the Carlos Alvarez College of Business will enter a dynamic employment market that values graduates with market-based skills. To meet the demands of our students and the employment market, the College offers 14 undergraduate majors. Additionally, students can select from 14 different minors to augment the knowledge and skills acquired in their major. The College also offers seven supporting business competencies that are multidisciplinary sets of electives combined to create valuable skills. Finally, the College currently offers three undergraduate certificate programs.

The preponderance of our undergraduate courses are offered in a traditional classroom setting, which exploits current technologies through the use of a learning management system and contemporary classrooms. We are also greatly expanding student access to online courses, especially for the Common Body of Knowledge (CBK) courses, as well as the online B.B.A. in Cyber Security.

UTSA business students receive a high-quality education that not only provides them with the knowledge to succeed in their careers, but also with the leadership training, professional development, technical and soft skills necessary to advance and become dynamic business leaders.

The Four Pillars of Engagement provide an intentional framework for the Carlos Alvarez College of Business to conduct transformative events and programs to enable our students to become viable and impactful global citizens. The four pillars include

- Global and Intercultural Fluency
- Professional Development and Leadership
- Research and Innovation
- Service and Community Learning

In addition to their academic coursework, students will have opportunities to engage in programming related to these pillars throughout their academic career.

Carlos Alvarez College of Business Undergraduate Admission Policy
The Carlos Alvarez College of Business at UTSA seeks to enable qualified students to acquire business and technical skills to meet the evolving demands of employers and stakeholders in Texas and beyond. All degree-seeking students who meet UTSA regular undergraduate admission requirements and are able to enroll in MAT 1053 (TCCN: MATH 1324) or a higher-level mathematics course in their first semester at UTSA have direct admission to the B.B.A. (all majors), the B.A. in Economics, the B.S. in Statistics and Data Science, or the B.S. in Applied Cyber Security. Students pursuing specific business majors may have to satisfy additional academic requirements to complete their degree programs.

Students who do not qualify for enrollment in course MAT 1053 Mathematics for Business, or a higher-level mathematics course, will be classified as business studies in the University College. Business studies students will be evaluated for admission to the Carlos Alvarez College of Business to declare a business major at the end of each term.

Students applying to an undergraduate business self-supporting online degree program will satisfy the same requirements for admission required of regular on-campus students. (Chapter 4, Subchapter Q, section 4.275 (6), THECB).

Internal Transfers
Current UTSA students seeking to change their major to a B.B.A. (all majors), a B.A. in Economics, a B.S. in Statistics and Data Science, or a B.S. in Applied Cyber Analytics degree must have a 2.0 UTSA GPA to declare the major. Prospective business majors may submit the declaration of major forms to their primary academic advisor.

Business Math Gateway Course
Students pursuing a Bachelor of Business Administration (B.B.A.) degree (all majors except Actuarial Science) or a Bachelor of Arts in Economics, whether they are a declared major or a business studies pathway student, must successfully complete the business math gateway course MAT 1053 (TCCN MATH 1324) or an equivalent with a grade of "C-" or better in no more than two attempts. A student who is unable to successfully complete this course within two attempts, including dropping the course with a grade of "W" or by taking an equivalent course at another institution, will be required to change his, her or their major outside of business. Upon the second failed attempt students will be changed from Business Studies to undeclared (UND) and will not be eligible for a Bachelor of Business Administration (B.B.A.) or a Bachelor of Arts in Economics degree.

Business students must register for a required mathematics course every semester beginning with their first semester of enrollment until the math requirements (MAT 1053 and MAT 1133) are fulfilled.

Academic Standing for Declared Business Majors
Carlos Alvarez College of Business majors (B.B.A. degrees, B.A. degree in Economics, B.S. degree in Statistics and Data Science, and B.S. degree in Cyber Analytics) must maintain good academic standing. This requires that the student maintain a UTSA grade point average of at least 2.0 every semester and meet all University regulations related to good academic standing. Students on probation with UTSA may remain in the Carlos Alvarez College of Business.
In order to graduate, all majors must maintain a UTSA and major GPA of 2.0 or higher.

**Business Honors Program**

The Business Honors distinction is available only to students admitted to the Business Honors Program (BHP). The Business Honors Program provides outstanding students with opportunities to benefit from an enriched first-class education. The program is designed to give our students a competitive edge in the job market.

Business honors students may participate in the Honors College Program along with the Business Honors Program.

**Program Admission**

Students pursuing majors in the Carlos Alvarez College of Business are eligible to apply and participate. Students interested in admission to the Business Honors Program must complete an application. Every Honors applicant is evaluated on an individual basis. Admission to the Business Honors Program is competitive.

**New Transfer Students**

Applicants who have attended college after high school and have earned a minimum of 12 transferable college credit hours will be admitted to the Business Honors program if they:

- Meet all UTSA undergraduate admissions requirements.
- Have a transfer grade point average (GPA) of 3.5 or higher (minimum of 12 transferable college credit hours).
- Have completed MAT 1053 Mathematics for Business (TCCN MATH 1324 or equivalent) or equivalent with a grade of "C-" or better.
- Have successfully completed evaluation under the Texas Success Initiative (TSI) for unencumbered registration for courses.

**Current UTSA Business Students**

Applicants who are current UTSA students will be evaluated using the following criteria:

- Students must be pursuing a business degree.
- Students must have at least 12 UTSA semester credit hours that apply toward graduation with at least one semester completed at UTSA.
- Students must demonstrate high academic achievement with a minimum UTSA grade point average of 3.25.
- Students must have well-documented involvement in extracurricular activities and/or work experience.
- Students must demonstrate exceptional involvement and leadership in the business school and/or at UTSA.
- Students must prepare and submit an application essay.

**Program Requirements**

The Business Honors Program requires its members to meet academic and experiential learning requirements in order to graduate with the Business Honors designation. In order to earn the Business Honors designation, program participants must:

1. Maintain a minimum cumulative UTSA grade point average of 3.25.
2. Complete a minimum of 9 semester credit hours of designated Business Honors sections. Business Honors classes emphasize enhanced experiential and applied learning activities, class discussion, presentations, and business research. Contingent upon available space, students with outstanding academic records may apply for admission into these classes subject to approval by the Business Honors Program office.
3. Experiential learning requirements: The Business Honors Program promotes participation in activities outside of the classroom to enhance the undergraduate experience. Therefore, Business Honors Program students must demonstrate that they have participated in experiential learning activities during their undergraduate education. The experiential learning requirements will be provided in the Honors program handbook. Other program requirements may apply.

**Scholarships**

The Carlos Alvarez College of Business has many scholarships available to assist students in reaching their educational and career goals. The scholarship program within the College is managed generally by the Office of the Dean. Students should visit the website for information and application procedures for all scholarships within the College. Detailed information and eligibility requirements for specific scholarships administered through the College are available at https://business.utsa.edu/scholarships/. Additional scholarship information is available through the UTSA Scholarship Office. The number and amounts of scholarship awards vary. Additionally, scholarship eligibility requirements differ, but may include considerations of grade point average, financial need, number of semester credit hours completed, enrollment status, activities, residency status, or bilingualism. Students must complete the application process and submit required documentation by the deadlines stated on application materials. Students will be considered for all awards for which they meet the eligibility criteria. Award amounts are generally disbursed equally among the semesters covered by the scholarship as long as recipients continue to meet grade point average, enrollment, and other scholarship criteria.

**Minors in the Carlos Alvarez College of Business**

The following minors are open to any UTSA major:
- Actuarial Science; Adaptive Decision Models for Business; Cyber Security; Digital Forensics; Economics; Information Systems; Management Science; Marketing; Network and Data Center Management; Sports Management, and Statistics.

The following minor is open to B.B.A. majors only:
- Finance.

The following minors are open to nonbusiness majors, B.A. in Economics majors, and B.S. in Statistics and Data Science majors only:
- Business Administration and Technology Management.

Students with majors outside of the Carlos Alvarez College of Business may not seek more than one business minor.

**Supporting Business Competencies in the Carlos Alvarez College of Business**

Students admitted to the Carlos Alvarez College of Business will have the opportunity to complete a supporting business competency. A supporting business competency is a multidisciplinary collection of elective courses which together provide the student with an opportunity to pursue a specialized market-based skill. Supporting business competencies will not appear as a credential on student transcripts. The College currently offers the following seven supporting business competencies.
Students interested in pursuing a business competency should consider and integrate any prerequisite courses into their degree plan.

**Analytics** (9 semester credit hours) – Students who complete the Analytics competency will prepare to properly collect, process and analyze data; to generate and interpret results, and to draw and communicate informed conclusions in order to support business and economic decision making.

Select three courses from the following:

- ACC 3163  Quantitative Analysis for Accountants  3
- ECO 3123  Introduction to Econometrics  3
- FIN 3063  Computer Modeling of Financial Applications  3
- MKT 4953  Special Studies in Marketing  3
- MS 3003  Visualization in Business Analytics  3
- MS 3073  Business Intelligence and Analytics  3
- MS 3083  Data Management for Business Analytics  3
- MS 4323  Analytics with Spreadsheet and Simulation in Business  3

**Business Research** (9 semester credit hours) – The Business Research competency is designed for students who would like to explore a future career in academe, research or consulting. It provides students an outstanding opportunity to develop their research acumen. Students who complete the Business Research competency will enhance their understanding of the nature of research, and the process to prepare for subsequent study in a doctoral program.

Select three courses from the following:

- GBA 3013  Introduction to Academic Research  3
- GBA 4023  Conducting Cutting Edge and Innovative Research and Discovery  3
- GBA 4033  Communication and Visualization of Impactful Research  3
- GBA 4993  Honors Thesis (repeated)  6

**Entrepreneurship** (9 semester credit hours) – Students who complete the Entrepreneurship competency will prepare to participate in the creation, launch and management of new business ventures.

Select three courses from the following:

- ENT 3123  Innovation and Entrepreneurship  3
- BLW 3013  Business Law for Small Business Owners  3
- ENT 4123  Commercialization and Enterprise Planning  3
- ENT 4903  Business Venture Practicum  3
- FIN 4333  Business Finance for Entrepreneurs  3
- MKT 4053  New Product Development  3
- MOT 4023  Essentials of Technology Management  3

**International Business** (9 semester credit hours) – Students who complete the International Business competency will prepare to understand international marketing, strategic, financial and economic issues that confront managers of multinational enterprises.

Select three courses from the following:

- ECO 3193  International Economics  3
- FIN 4613  Introduction to International Finance  3
- GBA 4873  Global Business Immersion I  3
- MGT 4073  International Management  3
- MGT 4083  Comparative International Management Practices  3
- MKT 4073  International Marketing  3

**Leading Change** (9 semester credit hours) – Students who complete the Leading Change competency will prepare to lead teams of professionals to plan projects, deliver solutions and improve efficiency and effectiveness in the contemporary organization.

Select three courses from the following:

- MGT 4923  Leading Organizations and Making Decisions  3
- MGT 4433  Introduction to Business Negotiations  3
- MGT 4943  Managing Teams and Avoiding Conflict  3
- MOT 4143  Introduction to Project Management  3
- MS 4313  Six Sigma and Lean Operations  3

**Modeling** (9 semester credit hours) – Students who complete the Modeling competency will prepare to perform, through proper use of quantitative and computer models, problem solving and decision analysis in support of business functions in a real world environment.

Select three courses from the following:

- ECO 3123  Introduction to Econometrics  3
- FIN 3063  Computer Modeling of Financial Applications  3
- MS 3063  Decision Support Systems  3
- MS 3833  Predictive Operational Analytics  3
- MS 4323  Analytics with Spreadsheet and Simulation in Business  3

**Risk Management** (9 semester credit hours) – Students who complete the Risk Management competency will prepare to identify sources of risk in an enterprise and manage this risk in a prudent manner.

Select three courses from the following:

- FIN 4523  Introduction to Risk Management  3
- FIN 4813  Property-Liability Insurance Finance  3
- FIN 4823  Life and Health Insurance Finance  3
- FIN 3453  Derivative Markets  3

**Enrollment in Business Courses**

In response to legislative and employer demands for graduates with marketable skills, students in any UTSA major may register for the following upper division courses:

- ENT 3123  Innovation and Entrepreneurship  3
- FIN 3053  Introduction to Personal Finance  3
- MGT 3023  Understanding People and Organizations  3
- MGT 4103  Introduction to Healthcare Management  3
- MKT 4253  Digital Marketing  3
- MKT 3063  Personal Selling  3
Academic Credit Internship Policy

The academic credit includes the following provisions:

1. The student must be a declared major and in good academic standing at UTSA and in the Carlos Alvarez College of Business.
2. The student must:
   a. Have completed a minimum of 60 semester credit hours, of which a minimum of 15 credit hours have been completed at UTSA.
   b. Meet all internship course prerequisites, including the minimum grade point average required for enrolling in the internship.
3. The internship must be in (or related to) the student’s declared major. The student should consult his or her major degree requirements for specific details.
4. Internships at all for-profit companies must be paid at an hourly rate equivalent to the minimum wage or higher to be in compliance with the Department of Labor guidelines.
5. Each student must meet the requirements of his, her or their catalog of graduation regarding the total number of semester credit hours that may be earned through internships for academic credit, and meet the following provisions:
   a. Each 3-credit-hour academic internship must be completed with a different company/organization.
   b. An academic credit internship with a firm at which a student is currently employed may be considered, but only if clear evidence shows that the internship is substantially and programmatically different from such employment.
6. The internship must last at least 200 work hours within the term of enrollment in which the student is seeking academic credit.
7. Internships must be professional in nature and certain types of work experiences are not eligible for credit.
   a. Self-employment.
   b. Work performed by a student’s family-owned or managed business.
   c. Training activities. Examples include preparing for insurance/securities license exams.
8. A virtual internship may be authorized. A review will be required if the work is performed at an employer’s registered private residential address.

Independent Study

In order to qualify for an independent study, students must have a UTSA GPA of 3.0 and permission in writing from the instructor, Department Chair, and the Associate Dean of Undergraduate Studies in addition to any departmental prerequisites. See the Office of the Registrar for the required forms.

Laptop Policy

Students enrolled in the Carlos Alvarez College of Business are required to own a laptop that meets minimum program specifications. Minimum specifications for each program are available on the College website.

Common Body of Knowledge (CBK)

All students seeking a B.B.A. degree in the Carlos Alvarez College of Business must complete the following Common Body of Knowledge (CBK) courses in addition to the Core Curriculum.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACC 2013</td>
<td>Principles of Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>ACC 2033</td>
<td>Principles of Accounting II</td>
<td>3</td>
</tr>
<tr>
<td>ECO 2013</td>
<td>Introductory Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECO 2023</td>
<td>Introductory Microeconomics (satisfies Social and Behavioral Sciences Core Curriculum requirement)</td>
<td>3</td>
</tr>
</tbody>
</table>

Additionally, students pursuing any minor or certificate in the Carlos Alvarez College of Business for which they qualify may enroll in any of the upper division business courses required by the minor or certificate.

Finally, students in any UTSA major may enroll in FIN 3003, MGT 3013, MKT 3013 and any Statistics (prefix: STA) course and Economics (prefix: ECO) course (except ECO 3313 Money and Banking) as long as they satisfy the course prerequisites. Otherwise, all courses at the 3000- and 4000-level are restricted to Carlos Alvarez College of Business majors or to students who require the courses for their particular degree. Students outside the College may petition to enroll in other 3000- and 4000-level courses. Evaluation of all petitions to enroll in major restricted courses will consider whether (a) the course applies to their degree plan, (b) the student meets all prerequisites and (c) the availability of seats. All petitions must be approved by the appropriate Department Chair and College Dean.

Enrollment in ACC 2033 Principles of Accounting II, ECO 3313 Money and Banking and MGT 3003 Business Communication and Professional Development are restricted to students in business studies and declared business majors only.

Students majoring in fields outside the College may not take more than 27 semester credit hours in the College without approval of the Associate Dean of Undergraduate Studies of the Carlos Alvarez College of Business. The College reserves the right to restrict business courses (excluding core curriculum courses) to declared business majors in order to meet student demand and so that students can register for courses to ensure timely graduation.

ACC 2003, FIN 3003 and ECO 2003 are courses that may not be applied toward a B.B.A. degree and grades earned in these courses will not be included in the major GPA.

All degrees in the Carlos Alvarez College of Business require 120 hours. If a student elects to take a course that satisfies both a University Core Curriculum and College requirement, students may need to take an additional course to meet the 120 hours.

Carlos Alvarez College of Business Academic Credit Internship Policy

An academic credit internship requires a student to perform scholarly work in conjunction with a paid internship. The academic internship must be supervised by a faculty member, and the scope and nature of the scholarly work must be defined and approved by the faculty member before the student can register for an academic credit internship.

The policy for undergraduate students to enroll in internships for academic credit includes the following provisions:

1. The student must be a declared major and in good academic standing at UTSA and in the Carlos Alvarez College of Business.
2. The student must:
   a. Have completed a minimum of 60 semester credit hours, of which a minimum of 15 credit hours have been completed at UTSA.
   b. Meet all internship course prerequisites, including the minimum grade point average required for enrolling in the internship.
3. The internship must be in (or related to) the student’s declared major. The student should consult his or her major degree requirements for specific details.
4. Internships at all for-profit companies must be paid at an hourly rate equivalent to the minimum wage or higher to be in compliance with the Department of Labor guidelines.
5. Each student must meet the requirements of his, her or their catalog of graduation regarding the total number of semester credit hours that may be earned through internships for academic credit, and meet the following provisions:
   a. Each 3-credit-hour academic internship must be completed with a different company/organization.
   b. An academic credit internship with a firm at which a student is currently employed may be considered, but only if clear evidence shows that the internship is substantially and programmatically different from such employment.
6. The internship must last at least 200 work hours within the term of enrollment in which the student is seeking academic credit.
7. Internships must be professional in nature and certain types of work experiences are not eligible for credit.
   a. Self-employment.
   b. Work performed by a student’s family-owned or managed business.
   c. Training activities. Examples include preparing for insurance/securities license exams.
8. A virtual internship may be authorized. A review will be required if the work is performed at an employer’s registered private residential address.

Independent Study

In order to qualify for an independent study, students must have a UTSA GPA of 3.0 and permission in writing from the instructor, Department Chair, and the Associate Dean of Undergraduate Studies in addition to any departmental prerequisites. See the Office of the Registrar for the required forms.

Laptop Policy

Students enrolled in the Carlos Alvarez College of Business are required to own a laptop that meets minimum program specifications. Minimum specifications for each program are available on the College website.

Common Body of Knowledge (CBK)

All students seeking a B.B.A. degree in the Carlos Alvarez College of Business must complete the following Common Body of Knowledge (CBK) courses in addition to the Core Curriculum.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACC 2013</td>
<td>Principles of Accounting I</td>
<td>3</td>
</tr>
<tr>
<td>ACC 2033</td>
<td>Principles of Accounting II</td>
<td>3</td>
</tr>
<tr>
<td>ECO 2013</td>
<td>Introductory Macroeconomics</td>
<td>3</td>
</tr>
<tr>
<td>ECO 2023</td>
<td>Introductory Microeconomics (satisfies Social and Behavioral Sciences Core Curriculum requirement)</td>
<td>3</td>
</tr>
</tbody>
</table>
Students completing degree course requirements with fewer than 120 semester credit hours will augment their program with electives.

### Minor in Business Administration

The Minor in Business Administration is open to all University majors (including B.A. in Economics and B.S. in Statistics and Data Science), except business students seeking a B.B.A. degree. The following 18 semester credit hours are required in the Carlos Alvarez College of Business:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>A. Required Courses</strong></td>
<td></td>
</tr>
<tr>
<td>ACC 2003</td>
<td>Foundations of Accounting</td>
<td>3</td>
</tr>
<tr>
<td>or ACC 2013</td>
<td>Principles of Accounting I</td>
<td></td>
</tr>
<tr>
<td>ECO 2023</td>
<td>Introductory Microeconomics</td>
<td>3</td>
</tr>
<tr>
<td>or ECO 2013</td>
<td>Introductory Macroeconomics</td>
<td></td>
</tr>
<tr>
<td>FIN 3003</td>
<td>Survey of Finance</td>
<td>3</td>
</tr>
<tr>
<td>IS 1403</td>
<td>Business Information Systems Fluency</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>B. Electives</strong></td>
<td></td>
</tr>
<tr>
<td>FIN 3013</td>
<td>Principles of Business Finance</td>
<td>3</td>
</tr>
<tr>
<td>GBA 2013</td>
<td>Legal, Social and Ethical Issues in Business</td>
<td>3</td>
</tr>
<tr>
<td>IS 1403</td>
<td>Business Information Systems Fluency</td>
<td>3</td>
</tr>
<tr>
<td>MAT 1053</td>
<td>Mathematics for Business (satisfies Mathematics Core Curriculum requirement. This course is not required for Actuarial Science majors) ¹</td>
<td>3</td>
</tr>
<tr>
<td>MAT 1133</td>
<td>Calculus for Business (satisfies Mathematics or Component Area Option Core Curriculum requirement, Actuarial Science majors must take MAT 1214 in lieu of MAT 1133)</td>
<td>3</td>
</tr>
<tr>
<td>MGT 3003</td>
<td>Business Communication and Professional Development</td>
<td>3</td>
</tr>
<tr>
<td>MGT 3013</td>
<td>Introduction to Organization Theory, Behavior, and Management</td>
<td>3</td>
</tr>
<tr>
<td>MGT 4893</td>
<td>Management Strategy (taken in semester of graduation)</td>
<td>3</td>
</tr>
<tr>
<td>MKT 3013</td>
<td>Principles of Marketing</td>
<td>3</td>
</tr>
<tr>
<td>MS 1023</td>
<td>Business Statistics with Computer Applications I (Actuarial Science majors must take STA 3003 in lieu of MS 1023)</td>
<td>3</td>
</tr>
<tr>
<td>MS 3043</td>
<td>Business Statistics with Computer Applications II (Actuarial Science majors must take STA 3513 in lieu of MS 3043)</td>
<td>3</td>
</tr>
<tr>
<td>MS 3053</td>
<td>Management Science and Operations Technology</td>
<td>3</td>
</tr>
</tbody>
</table>

Note: Students majoring in Actuarial Science, Economics, Finance, Operations and Supply Chain Management and Business Analytics are strongly encouraged to select IS 1413 Excel for Business Information Systems. IS 1413 is required for Accounting majors.

¹ Students may elect to substitute MAT 1093 Precalculus for MAT 1053 Mathematics for Business. Students electing to take MAT 1093 will need to meet prerequisites or achieve satisfactory performance on a placement examination. Visit UTSA Testing Services for more information regarding math placement exams.

To declare a Minor in Business Administration, obtain advice and seek approval of substitutions for course requirements with your academic advisor.

### General Business Administration (GBA) Courses

- **GBA 1200. Business Forum. (0-0) 0 Credit Hours.**
  - A study of the legal, social, and ethical responsibilities of business organizations and of the people who work in those organizations. Generally offered: Fall, Spring, Summer. Course Fees: BISP $10; BSSI $15.41; DL01 $75; LBRI $15.41.

- **GBA 2013. Legal, Social and Ethical Issues in Business. (3-0) 3 Credit Hours.**
  - Students majoring in Actuarial Science, Economics, Finance, Operations and Supply Chain Management and Business Analytics are strongly encouraged to select IS 1413 Excel for Business Information Systems. IS 1413 is required for Accounting majors.

- **GBA 3013. Introduction to Academic Research. (3-0) 3 Credit Hours.**
  - Prerequisites: Consent of the instructor. This course will introduce students to the nature and scope of research conducted in a variety of business disciplines. Students will participate in a broad review of business research literature. This course will also explore the nature of doctoral programs and careers in academe. Finally, this course will describe methods and approaches that students can take to prepare for admission into graduate programs of interest. Differential Tuition: $126.

- **GBA 3200. Business Service Learning Practicum. (0-0) 0 Credit Hours.**
  - Students will conceptualize, plan, and participate in a team-based service-learning project. Course focuses on ethics, teamwork, and communication skills. This experience helps students apply their classroom learning to a work environment. May be repeated. Must be taken on a credit/no-credit basis. Differential Tuition: $126.

- **GBA 3943. Business Service Learning Practicum. (3-0) 3 Credit Hours.**
  - Students will conceptualize, plan, and participate in a team-based service-learning project. Course focuses on ethics, teamwork, and communication skills. This experience helps students apply their classroom learning to a work environment. Students will be required to submit course deliverables that demonstrate the application of knowledge and skills imparted through course activities as well as academic reflection. Differential Tuition: $126.

- **GBA 4023. Conducting Cutting Edge and Innovative Research and Discovery. (3-0) 3 Credit Hours.**
  - Prerequisites: GBA 3013, MS 3043, and consent of instructor. This course is the first in a two-part sequence providing students with practical knowledge, skills, and hands-on experience needed to conduct pragmatic and professional research in an application area of interest. Students will meet with their peers, if any, and the instructor, for the purpose of facilitating the research work. During this course, students will engage in the following steps of the research and knowledge discovery process: problem definition, question formulation, hypothesis development, methodological selection, preliminary analytics, analytical design, data acquisition, data preparation and pre-processing, visualization, and data analysis. Differential Tuition: $126.
GBA 4033. Communication and Visualization of Impactful Research. (3-0) 3 Credit Hours.
Prerequisite: GBA 4023 and consent of instructor. This course is the second in a two-part sequence aiming to give students hands-on research experience in a pragmatic and professional manner. Students will continue and finish their major data analytics project, focusing on post hoc or auxiliary analysis and presentation of results portion of the process. The next steps will be detailed data analysis and feedback, conclusion drawing, report preparation and refinement, presentation preparation and final presentation. The course will culminate in a formal, completed report to the supporting organization, as well as to peers and professionals in the field. Students and mentoring faculty may consider submission to professional conference and/or additional publication or presentation venues to further enhance the research experience. Differential Tuition: $126.

GBA 4873. Global Business Immersion I. (3-0) 3 Credit Hours.
Prerequisite: Completion of 9 semester credit hours of Carlos Alvarez College of Business (CACOB) courses and official admission into the CACOB Business Immersion Program. This course provides students with first-hand experience into how business is conducted in the locations visited. The pre-departure activities provide students with an introduction to the local business climate and culture. The in-country activities include visits to local companies and workshops hosted by local professors. The post-immersion components engage students in reflection opportunities and applied project experiences. This course relies heavily on experiential components; as a result, attendance to all official course events is required. Differential Tuition: $126.

GBA 4883. Global Business Immersion II. (3-0) 3 Credit Hours.
Prerequisite: Completion of 9 semester credit hours of Carlos Alvarez College of Business (CACOB) courses and official admission into the CACOB Business Immersion Program. This course provides students with first-hand experience into how business is conducted in the locations visited. The pre-departure activities provide students with an introduction to the local business climate and culture. The in-country activities include visits to local companies and workshops hosted by local professors. The post-immersion components engage students in reflection opportunities and applied project experiences. This course relies heavily on experiential components; as a result, attendance to all official course events is required. Differential Tuition: $126.

GBA 4933. Business Global Internship. (0-0) 3 Credit Hours.
Prerequisite: Completion of 12 semester credit hours of Carlos Alvarez College of Business (CACOB) courses and official admission into the CACOB international internship program. An international internship offers students the opportunity to work and learn in a non-US environment. This global internship experience helps students apply their classroom teachings to a work environment. Students participating in this program will gain first-hand knowledge of the behaviors, customs, and norms of another culture and business practices. A proposal form must be completed and approved prior to registration. Differential Tuition: $126.

GBA 4943. Business Professional Internship. (0-0) 3 Credit Hours.
Prerequisite: Completion of 15 semester credit hours of business courses. This for-credit internship experience provides hands-on learning for various business disciplines. This business internship experience helps students apply their classroom learning to a work environment. Students must meet all College academic credit internship requirements and an application form must be completed and approved prior to registration. Differential Tuition: $126.

GBA 4953. Special Studies in General Business Administration. (3-0) 3 Credit Hours.
Prerequisites: Consent of instructor, Department Chair, and Dean of the College. An organized course offering the opportunity for specialized study not normally or not often available as part of the regular course offerings. Special Studies may be repeated for credit when the topics vary, but not more than 6 semester credit hours, regardless of discipline, will apply to a bachelor’s degree. Generally offered: Spring, Summer. Differential Tuition: $126.

GBA 4993. Honors Thesis. (0-0) 3 Credit Hours.
Prerequisite: Enrollment limited to students in the Business Honors Program. Supervised research and preparation of an honors thesis in any business discipline including accounting, economics, finance, information systems, management, marketing, management science, and data sciences among others. May be repeated once for credit with advisor’s approval. Generally offered: Fall, Spring. Differential Tuition: $126.