

BUSINESS TECHNOLOGY MANAGEMENT, B.S.

The Bachelor of Science in Business Technology Management offered by Saint Louis University's Richard A. Chaifetz School of Business (<https://www.slu.edu/business/>) prepares business students for careers managing technology within an organization. Students may also choose a concentration in analytics and enterprise systems.

This major is designed based on market demand and feedback and focuses on skills that are in high demand in managing business technology, such as business analytics and managing enterprise systems.

As a member of the SAP University Alliance, the Chaifetz School of Business provides students with hands-on experience with SAP software (the world leader in enterprise systems software) that enables them to put classroom theory into practice.

The professors are always eager to help students and help them with their career development. The concepts learned and professionals involved set students up for successful futures in IT or other career fields." — Lance Hussey, Class of 2022.

Curriculum Overview

Business analytics skills developed in SLU's BTM major include data visualization, predictive analytics, and machine learning algorithms. In addition, students get hands-on experience managing enterprise systems using SAP software.

Students also learn skills in data governance, design thinking and cloud computing. BTM courses require extensive hands-on projects, teamwork and the use of high-end computer technology. A required practicum working with a corporate client is a highlight experience of the program.

Internships/Student Organizations

St. Louis' metropolitan location provides many internship opportunities that allow students to gain practical, career-related work experience while applying classroom experiences to practice. Most internships are paid, and students may complete one for academic credit. Business technology management students have recently interned at prestigious organizations such as Boeing, Edward Jones, TD Ameritrade and U.S. Bank.

Students can pursue their interests in business technology outside the classroom by joining the Business Technology Club or SLU's chapter of Beta Alpha Psi, an international scholastic and professional honor society for financial information professionals. These organizations provide a vital link between students and guest speakers from various disciplines and industries and offer students opportunities to network with potential employers.

Careers

Employers and graduate schools understand the value of a Chaifetz School of Business degree. Graduates join a global network of nearly 20,000 alumni from the Richard A. Chaifetz School of Business. Business technology management graduates have earned employment at prestigious organizations such as Accenture, Boeing and Deloitte's consulting practice.

Possible career paths for graduates with an undergraduate degree in business technology management from SLU include:

- Business or systems analyst
- Process analyst
- Risk assurance associate
- Software test engineer
- Technology consultant
- Technology designer

When combined with a second major in accounting, finance, management or marketing, additional opportunities exist for data analyst positions within these other business areas. All students in the program will learn and develop a strong set of problem-solving, critical thinking, and business communication skills that will serve as a base for many different long-range career paths in areas as diverse as health care, law, and government service.

Admission Requirements

Begin Your Application (<https://www.slu.edu/apply.php>)

Saint Louis University also accepts the Common Application.

Freshman

All applications are thoroughly reviewed with the highest degree of individual care and consideration to all credentials that are submitted. Solid academic performance in college preparatory coursework is a primary criterion in reviewing a freshman applicant's file.

To be considered for admission to any Saint Louis University undergraduate program, the applicant must be graduating from an accredited high school, have an acceptable HiSET exam score or take the General Education Development (GED) test.

Transfer

Applicants must be graduates of an accredited high school or have an acceptable score on the GED or HiSET.

An official high school transcript and official test scores are required only of those students who have attempted fewer than 24 transferable semester credits (or 30 quarter credits) of college credit. Those having completed 24 credits or more of college credit need only submit a transcript from previously attended college(s).

Transfer students must have a cumulative 2.70 GPA to be admitted to the accounting program and a 2.50 GPA for all other majors. In reviewing a transfer applicant's file, the Office of Admission holistically examines the student's academic performance in college-level coursework as an indicator of the student's ability to meet the academic rigors of Saint Louis University.

International Applicants

All admission policies and requirements for domestic students apply to international students, along with the following:

- You must demonstrate English Language proficiency (<https://catalog.slu.edu/academic-policies/office-admission/undergraduate/english-language-proficiency/>).
- All academic records must include an English translation. An official course-by-course transcript evaluation may be required and accepted.

Tuition

| Tuition/Fee | Cost Per Year |
|-----------------------|---------------|
| Undergraduate Tuition | \$56,960 |

Additional charges may apply. Other resources are listed below:

Net Price Calculator (<https://www.slu.edu/financial-aid/tuition-and-costs/calculator.php>)

Information on Tuition and Fees (<https://catalog.slu.edu/academic-policies/student-financial-services/tuition/>)

Miscellaneous Fees (<https://catalog.slu.edu/academic-policies/student-financial-services/fees/>)

Information on Summer Tuition (<https://catalog.slu.edu/academic-policies/student-financial-services/tuition-summer/>)

Scholarships and Financial Aid

There are two principal ways to help finance a Saint Louis University education:

- **Scholarships:** Scholarships are awarded based on academic achievement, service, leadership and financial need.
- **Financial Aid:** Financial aid is provided through grants and loans, some of which require repayment.

Saint Louis University makes every effort to keep our education affordable. In fiscal year 2023, 99% of first-time freshmen and 92% of all students received financial aid (<https://www.slu.edu/financial-aid/>) and students received more than \$459 million in aid University-wide.

For priority consideration for merit-based scholarships, apply for admission by December 1 and complete a Free Application for Federal Student Aid (FAFSA) by February 1.

For more information on scholarships and financial aid, visit the Office of Student Financial Services (<https://www.slu.edu/financial-aid/>).

Accreditation

The Richard A. Chaifetz School of Business is accredited by the Association to Advance Collegiate Schools of Business (AACSB), the world's largest business education alliance and accrediting body of business schools, ensuring continuous quality improvement in terms of curriculum, instructional resources, student selection, career placement and intellectual contributions and qualifications of the faculty. Approximately 5% of business schools worldwide have achieved AACSB accreditation.

Learning Outcomes

1. Graduates will be able to understand essential business concepts and how the various functional areas of business are related.
2. Graduates will be able to demonstrate knowledge of ethical concepts and corporate social responsibility and be able to evaluate business problems from multiple ethical perspectives.
3. Graduates will be able to identify and structure business problems and propose actionable solutions to business problems and, when applicable, utilize appropriate technology.
4. Graduates will be able to demonstrate effective written communication.

5. Graduates will be able to understand how cultures, politics, laws, ethics and economies influence and impact business, and use tools and concepts to analyze and formulate an international business strategy.
6. Graduates will understand the use of information technology in managing businesses.
7. Graduates will be able to apply analytical skills to make data-driven decisions.

Requirements

Standard Track

Eighteen credits in addition to BTM 2000 Introduction to Business Technology Management (3 cr) and BTM 2500 Data Modeling, Analysis and Visualization (3 cr), which are taken as Business Common Body of Knowledge requirements.

| Code | Title | Credits |
|--|---|--------------|
| UNIVERSITY UNDERGRADUATE CORE (https://catalog.slu.edu/academic-policies/academic-policies-procedures/university-core/) | | 32-35 |
| BUSINESS MAJOR REQUIREMENTS | | |
| Program Requirements (https://catalog.slu.edu/colleges-schools/business/#coretext) | | 15 |
| Business Common Body of Knowledge (CBK) (https://catalog.slu.edu/colleges-schools/business/#coretext) | | 48 |
| <i>Major-Specific BTM Requirements</i> [†] | | 15 |
| BTM 3100 | Enterprise Application Development | |
| BTM 3500 | Data Governance and Information Security | |
| BTM 3810 | Business Simulation with SAP | |
| BTM 4100 | Systems Analysis and Design Thinking | |
| BTM 4810 | Business Technology Management Practicum | |
| <i>Major-Specific BTM Electives</i> | | 3 |
| Select one of the following: | | |
| ACCT 4250 | Accounting Information Systems [*] | |
| BTM 3300 | Managing Databases and Big Data | |
| BTM 3700 | Business Analytics | |
| BTM 3850 | Applied Enterprise Systems Implementation | |
| BTM 4700 | Machine Learning in Business Analytics | |
| MGT 4403 | Sports Analytics [*] | |
| MKT 4650 | Marketing Analytics [*] | |
| General Electives [‡] | | 18-21 |
| Total Credits | | 120 |

Analytics and Enterprise Systems Concentration

Eighteen credits in addition to BTM 2000 Introduction to Business Technology Management (3 cr) and BTM 2500 Data Modeling, Analysis and Visualization (3 cr), which are taken as Business Common Body of Knowledge requirements.

| Code | Title | Credits |
|--|-------|--------------|
| UNIVERSITY UNDERGRADUATE CORE (https://catalog.slu.edu/academic-policies/academic-policies-procedures/university-core/) | | 32-35 |
| BUSINESS MAJOR REQUIREMENTS | | |

| | |
|---|--------------|
| Program Requirements (https://catalog.slu.edu/colleges-schools/business/#coretext) | 15 |
| Business Common Body of Knowledge (CBK) (https://catalog.slu.edu/colleges-schools/business/#coretext) | 48 |
| <i>Major-Specific BTM Requirements</i> [†] | 15 |
| BTM 3700 Business Analytics | |
| BTM 3810 Business Simulation with SAP | |
| BTM 3850 Applied Enterprise Systems Implementation | |
| BTM 4700 Machine Learning in Business Analytics | |
| BTM 4811 Data Analytics Practicum or BTM 4812 Enterprise Systems Practicum | |
| <i>Major-Specific BTM Electives</i> | 3 |
| Select one of the following: | |
| ACCT 4250 Accounting Information Systems [*] | |
| BTM 3100 Enterprise Application Development | |
| BTM 3300 Managing Databases and Big Data | |
| BTM 3500 Data Governance and Information Security | |
| BTM 4100 Systems Analysis and Design Thinking | |
| MGT 4403 Sports Analytics [*] | |
| MKT 4650 Marketing Analytics [*] | |
| General Electives [‡] | 18-21 |
| Total Credits | 120 |

* Outside of the Business Common Body of Knowledge (CBK), a maximum of one business course (3 credit hours) may be used to fulfill requirements in two business majors/minors.

† In addition to completing lower and upper-division coursework in all areas of business, each student typically selects a business major before or during the first semester of the junior year. 18 major-specific credit hours are required as determined by the appropriate department. To broaden their expertise, students may complete more than one major in business, or a major and a minor in business.

‡ General electives may be selected from any area of study within the University, giving the student the opportunity to diversify their experiences. Students should consider University CORE attribute requirements when selecting electives.

Continuation Standards

Business technology management students must maintain a 2.00 cumulative GPA in all courses used to fulfill the major-specific course requirements.

Students will be on program probation if their GPA in major-specific courses used to fulfill major requirements falls below a 2.00. Students will have one semester to increase their major-specific cumulative GPA to a 2.00; if not, students will not be allowed to register for 3000- or 4000-level major-specific courses.

Students will be automatically placed on University probation if any of the following occur:

- Their Saint Louis University cumulative grade point average falls below 2.00
- Their Saint Louis University semester grade point average is below a 1.00

- More than two "incomplete" or two "in-progress" grades on their academic transcript

During the probationary period, advisors help students achieve academic success by closely monitoring their academic performance.

In order to improve scholastically and demonstrate their ability to make progress toward a degree, students on probation may not register for more than 12 credits in the fall and spring semesters, three credits in the winter term, and no more than one course/four credits in any single summer session term.

The conditions under which a student is dismissed from the school include:

1. Inability to eliminate probationary status within the two semesters subsequent to the assignment of probation or
2. A grade point average deficit of more than 15 points.

For more information, see University Academic Policies and Procedures (<https://catalog.slu.edu/academic-policies/academic-policies-procedures/>).

Roadmap

Roadmaps are recommended semester-by-semester plans of study for programs and assume full-time enrollment unless otherwise noted.

Courses and milestones designated as critical (marked with !) must be completed in the semester listed to ensure a timely graduation. Transfer credit may change the roadmap.

This roadmap should not be used in the place of regular academic advising appointments. All students are encouraged to meet with their advisor/mentor each semester. Requirements, course availability and sequencing are subject to change.

Standard Track

| Course | Title | Credits |
|---|---|-----------|
| Year One | | |
| Fall | | |
| CORE 1000 | Ignite First Year Seminar ¹ | 2 |
| BIZ 1000 | Business Foundations ¹ | 1 |
| CMM 1200 or CMM 1250 | Public Speaking ² or Communicating in Groups and Teams | 3 |
| CORE 1900 | Eloquentia Perfecta 1: Written and Visual Communication (Elective) ¹ | 3 |
| CORE 3800 | Ways of Thinking: Natural and Applied Sciences | 3 |
| Elective in Business or Other Areas (MATH 1200, if appropriate) | | 3 |
| Credits | | 15 |
| Spring | | |
| MATH 1320 or MATH 1510 | Survey of Calculus ² or Calculus I | 3 |
| PSY 1010 | General Psychology | 3 |
| CORE 1600 | Ultimate Questions: Theology | 3 |
| BIZ 1100/1002 | Business in Action | 1 |
| BTM 2000 | Introduction to Business Technology Management | 3 |

| | | |
|--|--|-----------|
| ECON 1900 | Principles of Economics | 3 |
| Credits | | 16 |
| Year Two | | |
| Fall | | |
| CORE 2500 | Cura Personalis 2: Self in Contemplation | 0 |
| CORE 1700 | Ultimate Questions: Philosophy | 3 |
| ACCT 2200 | Financial Accounting | 3 |
| BTM 2500 | Data Modeling, Analysis and Visualization | 3 |
| MKT 3000 | Introduction to Marketing Management | 3 |
| OPM 2070 | Introduction to Business Statistics | 3 |
| Credits | | 15 |
| Spring | | |
| CORE 3400 | Ways of Thinking: Aesthetics, History, and Culture | 3 |
| ACCT 2220 | Accounting for Decision Making | 3 |
| BIZ 3000 | Career Foundations ⁴ | 1 |
| ECON 3120 | Intermediate Macroeconomics | 3 |
| or ECON 3140 | or Intermediate Microeconomics | |
| FIN 3010 | Principles of Finance | 3 |
| IB 2000 | Introduction to International Business (meets University Core Attribute: Global Interdependence) | 3 |
| Credits | | 16 |
| Year Three | | |
| Fall | | |
| CORE 2800 | Eloquentia Perfecta 3: Creative Expression | 3 |
| PHIL 2050 | Ethics (meets University Core Attribute: Dignity, Ethics & a Just Society) | 3 |
| BTM 3100 | Enterprise Application Development | 3 |
| ECON 3120 | Intermediate Macroeconomics | 3 |
| or ECON 3140 | or Intermediate Microeconomics | |
| OPM 3050 | Introduction to Management Science and Operations Management | 3 |
| Credits | | 15 |
| Spring | | |
| Elective that Satisfies University Core Attribute: Identities in Context | | 3 |
| BTM 3810 | Business Simulation with SAP | 3 |
| BTM 4100 | Systems Analysis and Design Thinking | 3 |
| MGT 2000 | Legal Environment of Business I | 3 |
| MGT 3000 | Management Theory and Practice | 3 |
| Credits | | 15 |
| Year Four | | |
| Fall | | |
| CORE 4000 | Collaborative Inquiry | 3 |
| CORE 4500 | Reflection-in-Action | 0 |
| ENGL 4000 | Professional Writing | 3 |
| BTM 3500 | Data Governance and Information Security | 3 |
| BTM Elective ³ | | 3 |
| Elective in Business or Other Areas | | 3 |
| Credits | | 15 |
| Spring | | |
| MGT 4000 | Strategic Management and Policy ⁶ | 3 |

| | | |
|--------------------------------------|--|------------|
| BTM 4810 | Business Technology Management Practicum | 3 |
| Electives in Business or Other Areas | | 7 |
| Credits | | 13 |
| Total Credits | | 120 |

¹ Must complete in first 36 credit hours at SLU.

² Must complete in first 60 credit hours at SLU.

³ BTM standard track electives: ACCT 4250, BTM 3300, BTM 3700, BTM 3850, BTM 4700, MGT 4403, or MKT 4650. Outside of the Business Common Body of Knowledge (CBK), a maximum of one business course (3 credit hours) may be used to fulfill requirements in two business majors/minors.

⁴ Must take second semester sophomore year unless studying abroad.

⁶ Must have completed all other Business Common Body of Knowledge courses.

Analytics and Enterprise Systems Concentration

| Course | Title | Credits |
|---|--|-----------|
| Year One | | |
| Fall | | |
| CORE 1000 | Ignite First Year Seminar ¹ | 2 |
| BIZ 1000 | Business Foundations ¹ | 1 |
| CMM 1200 | Public Speaking ² | 3 |
| or CMM 1250 | or Communicating in Groups and Teams | |
| CORE 1900 | Eloquentia Perfecta 1: Written and Visual Communication ¹ | 3 |
| CORE 3800 | Ways of Thinking: Natural and Applied Sciences | 3 |
| Elective in Business or Other Areas (MATH 1200, if appropriate) | | 3 |
| Credits | | 15 |
| Spring | | |
| MATH 1320 | Survey of Calculus ² | 3 |
| or MATH 1510 | or Calculus I | |
| CORE 1600 | Ultimate Questions: Theology | 3 |
| PSY 1010 | General Psychology | 3 |
| BIZ 1100/1002 | Business in Action | 1 |
| ECON 1900 | Principles of Economics | 3 |
| BTM 2000 | Introduction to Business Technology Management | 3 |
| Credits | | 16 |
| Year Two | | |
| Fall | | |
| CORE 1700 | Ultimate Questions: Philosophy | 3 |
| CORE 2500 | Cura Personalis 2: Self in Contemplation | 0 |
| ACCT 2200 | Financial Accounting | 3 |
| BTM 2500 | Data Modeling, Analysis and Visualization | 3 |
| MKT 3000 | Introduction to Marketing Management | 3 |
| OPM 2070 | Introduction to Business Statistics | 3 |
| Credits | | 15 |

Spring

| | | |
|---------------------------|---|-----------|
| CORE 3400 | Ways of Thinking: Aesthetics, History, and Culture | 3 |
| ACCT 2220 | Accounting for Decision Making | 3 |
| BIZ 3000 | Career Foundations ⁴ | 1 |
| ECON 3120 or ECON 3140 | Intermediate Macroeconomics or Intermediate Microeconomics | 3 |
| FIN 3010 | Principles of Finance | 3 |
| IB 2000 | Introduction to International Business (meets University Core Attribute: Global Interdependence) | 3 |
| Credits | | 16 |

Year Three**Fall**

| | | |
|---------------------------|--|-----------|
| CORE 2800 | Eloquentia Perfecta 3: Creative Expression | 3 |
| PHIL 2050 | Ethics (meets University Core Attribute: Dignity, Ethics & a Just Society) | 3 |
| BTM 3700 | Business Analytics | 3 |
| ECON 3120 or ECON 3140 | Intermediate Macroeconomics or Intermediate Microeconomics | 3 |
| MGT 3000 | Management Theory and Practice | 3 |
| Credits | | 15 |

Spring

| | | |
|--|--|-----------|
| Elective that Satisfies University Core Attribute: Identities in Context | | 3 |
| MGT 2000 | Legal Environment of Business I | 3 |
| OPM 3050 | Introduction to Management Science and Operations Management | 3 |
| BTM 3810 | Business Simulation with SAP | 3 |
| BTM 4700 | Machine Learning in Business Analytics | 3 |
| Credits | | 15 |

Year Four**Fall**

| | | |
|--|---|-----------|
| CORE 4000 | Collaborative Inquiry | 3 |
| CORE 4500 | Reflection-in-Action | 0 |
| ENGL 4000 | Professional Writing | 3 |
| BTM 3850 | Applied Enterprise Systems Implementation | 3 |
| BTM with AES Concentration Elective ³ | | 3 |
| Elective in Business or Other Areas | | 3 |
| Credits | | 15 |

Spring

| | | |
|--------------------------------------|---|------------|
| MGT 4000 | Strategic Management and Policy ⁶ | 3 |
| BTM 4811 or BTM 4812 | Data Analytics Practicum or Enterprise Systems Practicum | 3 |
| Electives in Business or Other Areas | | 7 |
| Credits | | 13 |
| Total Credits | | 120 |

Knowledge (CBK), a maximum of one business course (3 credit hours) may be used to fulfill requirements in two business majors/minors.

⁴ Must take second semester sophomore year unless studying abroad.

⁶ Must have completed all other Business Common Body of Knowledge courses.

2+SLU

2+SLU programs provide a guided pathway for students transferring from a partner institution.

- Business Technology Management, B.S. (Jeffco 2+SLU)
(<https://catalog.slu.edu/academic-policies/office-admission/undergraduate/2plusslu/jeffco/business-technology-management/>)
- Business Technology Management, B.S. (MAC 2+SLU)
(<https://catalog.slu.edu/academic-policies/office-admission/undergraduate/2plusslu/mac/business-tech-mgmt/>)
- Business Technology Management, B.S. (STLCC 2+SLU)
(<https://catalog.slu.edu/academic-policies/office-admission/undergraduate/2plusslu/stlcc/business-technology-management/>)

¹ Must complete in first 36 credit hours at SLU.

² Must complete in first 60 credit hours at SLU.

³ BTM with analytics and enterprise systems concentration eligible electives: ACCT 4250, BTM 3100, BTM 3300, BTM 3500, BTM 4100, MGT 4403, or MKT 4650. Outside of the Business Common Body of