

BUSINESS TECHNOLOGY MANAGEMENT, B.S.

The Bachelor of Science in Business Technology Management (BTM) offered by Saint Louis University's Richard A. Chaifetz School of Business (<https://www.slu.edu/business/>) is designed to prepare 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.

Program Highlights

- As a member of the SAP University Alliance, the Chaifetz School 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.
- Students who possess a working knowledge of enterprise resource planning (ERP) using SAP software have the opportunity to obtain an SAP certificate awarded by SAP America, Inc. This credential is valuable to employers who use SAP and others who use non-SAP ERP tools such as PeopleSoft or Oracle.

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 business technology management major include data visualization, predictive analytics, and the use of machine learning algorithms. In addition, students get hands-on experience in managing enterprise systems using SAP software.

Students also learn skills in data governance, design thinking and cloud computing. Business technology management 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 opt to complete one for academic credit. In recent years, business technology management students have interned at many 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 Chaifetz School's 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

In a survey of SLU's most recent business technology management graduates, 100% reported they were either employed or attending graduate school within six months of their graduation. Employers and graduate schools understand the value of a Chaifetz School 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 RSM US'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

Freshman

Begin your application for this program at www.slu.edu/apply (<http://www.slu.edu/apply.php>). Saint Louis University also accepts the Common App.

All applications are thoroughly and carefully reviewed. 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. Beginning with the 2021-22 academic year, undergraduate applicants will not be required to submit standardized test scores (ACT or SAT) in order to be considered for admission. Applicants will be evaluated equally, with or without submitted test scores.

Transfer

Begin your application for this program at www.slu.edu/apply (<http://www.slu.edu/apply.php>).

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

Begin your application for this program at www.slu.edu/apply (<http://www.slu.edu/apply.php>).

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/>).
- Proof of financial support must include:
 - A letter of financial support from the person(s) or sponsoring agency funding your time at Saint Louis University.
 - A letter from the sponsor's bank verifying that the funds are available and will be so for the duration of your study at the University.
- Academic records, in English translation, of students who have undertaken postsecondary studies outside the United States must include the courses taken and/or lectures attended, practical laboratory work, the maximum and minimum grades attainable, the grades earned or the results of all end-of-term examinations, and any honors or degrees received. WES and ECE transcripts are accepted.

Tuition

Tuition	Cost Per Year
Undergraduate Tuition	\$52,260

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 2022, 99% of first-time freshmen and 90% of all students received financial aid (<https://www.slu.edu/financial-aid/>) and students received more than \$445 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 March 1.

For information on other scholarships and financial aid, visit www.slu.edu/financial-aid (<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

- Graduates will be able to understand essential business concepts and how the various functional areas of business are related.
- 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.
- Graduates will be able to identify and structure business problems and propose actionable solutions to business problems and, when applicable, utilize appropriate technology.
- Graduates will be able to demonstrate effective written communication.
- 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.
- Graduates will understand the use of information technology in managing businesses.
- 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	
<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/>).

Graduation Requirements

To be certified for graduation, a student must complete all course requirements and meet all of the following conditions:

- Apply to graduate.
- Complete the University Undergraduate Core.
- Earn a minimum 2.00 cumulative grade point average (GPA) in overall SLU coursework, in business school coursework, and in major-specific courses. (B.S.-Accounting students must earn a minimum 2.70 cumulative GPA in overall SLU coursework, a minimum 2.00 cumulative GPA in business coursework, and grades of C or higher in all courses that fulfill the major-specific requirements.)
- Complete 30 of the final 36 credits at the St. Louis campus or an approved study abroad program.
- Complete at least 50% of business coursework in residence at the St. Louis campus.*

- Complete major-specific course requirements in residence at the St. Louis campus.*
- Students transferring from the Madrid campus must complete a minimum of 40 credits of coursework, including a minimum of 30 credits of business coursework in residence at the St. Louis campus.*

* Students may pursue the economics, international business or marketing majors at the St. Louis campus and/or at the Madrid campus. The residency requirement then applies to courses taken at either campus.

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 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 3100	Enterprise Application Development	3
ECON 3120 or ECON 3140	Intermediate Macroeconomics or Intermediate Microeconomics	3
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 or CMM 1250	Public Speaking ² or Communicating in Groups and Teams	3
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 or MATH 1510	Survey of Calculus ² or Calculus I	3
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
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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

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 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 are formal transfer agreements for students seeking an associate degree at a partner institution.

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