

CERTIFICATE IN RISK MANAGEMENT AND IT AUDIT



SACRAMENTO STATE

In Workflow

1. CBA College Committee Chair (ramakrishna.dantu@csus.edu)
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Approval Path

1. Fri, 23 May 2025 20:18:47 GMT
Katie Dickson (katiedickson): Rollback to Initiator
2. 2026-06-02T19:25:02Z
Tota Panggabean (panggabean): Rollback to Initiator
3. 2026-09-25T19:28:11Z
Ramakrishna Dantu (ramakrishna.dantu): Approved for CBA College Committee Chair
4. 2026-09-25T20:18:14Z
Pingsheng Tong (ptong): Approved for CBA Dean

New Program Proposal

Date Submitted: 2026-09-10T18:48:02Z

Viewing: Certificate in Risk Management and IT Audit

Last edit: 2026-09-10T18:48:01Z

Changes proposed by: Zahra Aivazpour (223025621)

Academic Group: (College)

Business

Academic Organization: (Department)

Information Systems and Business Analytics

Catalog Year Effective:

2027-2028 Catalog

NOTE: This degree major program will be subject to program review evaluation within six years after implementation.

Individual(s) primarily responsible for drafting the proposed degree major program:

Name (First Last)	Email	Phone 999-999-9999
Zahra Aivazpour	zahra.aivazpour@csus.edu	916-278-7123

Program Snapshot**Type of Program:**

Certificate

Title of the Program:

Certificate in Risk Management and IT Audit

Designation: (degree terminology)

Certificate - Graduate

Delivery Mode:

Fully Face to Face

Hybrid

Fully Online

Support Mode:

Self Support

What is the instructional modality of all courses in this program?

Asynchronous

Synchronous

Both Asynchronous and Synchronous

Please see the CSU/CIP Code Crosswalk: https://www.calstate.edu/csu-system/administration/academic-affairs/academic-programs-innovation-and-faculty-development/Documents/CSU_Codes_to_CIP_2020.pdf

Is this a pilot program?

No

Establishment of a master's degree program should be preceded by a national professional accreditation of the corresponding bachelor's degree major program.

Will this program require accreditation?

No

Provide a clear, concise overview of the program proposal (new or change) and provide a justification. For NEW programs describe the purpose and focus of the program, identify the target student population(s), and highlight key strengths and distinguishing features of the program.

The Certificate in Risk Management and IT Audit is a professional program aimed at providing participants with the skills and knowledge to assess and manage organizational risks and perform effective IT audits. The curriculum focuses on key areas such as risk identification, mitigation strategies, internal controls, and regulatory compliance. Designed for professionals in finance, accounting, and management, this program offers both theoretical foundations and practical applications to prepare individuals for roles in risk management, IT auditing, and compliance oversight.

Justification:

Increasing Complexity of Risks: Organizations face increasingly complex risks, from financial and operational to regulatory and technological. This program provides essential skills to mitigate these risks effectively.

Compliance and Governance Demands: With heightened regulatory scrutiny across industries, there is a growing need for professionals who can ensure compliance and strengthen internal controls.

Career Advancement: This certificate will enable professionals to advance into critical roles such as IT auditors, risk managers, and compliance officers, which are in high demand.

Introduction to Industry Certifications: This program familiarizes participants with courses that can help them pursue sought-after certifications like Certified Information Systems Auditor (CISA) and Certified Risk Management Professional (CRMP) in the future, enhancing their career prospects.

University Learning Goals

Graduate (Masters) Learning Goals:

Disciplinary knowledge
Communication
Critical thinking/analysis
Information literacy
Professionalism
Intercultural/Global perspectives

Will this program be required as part of a teaching credential program, a single subject, or multiple subject waiver program (e.g., Liberal Studies, Biology) or other school personnel preparation program (e.g., School of Nursing)?

No

Curriculum Alignment and Assessment

Program Goals

Provide a brief statement of the program's overarching goals and priorities: • Describe the program's mission, focus, and intended impact on students. • Identify broad areas of emphasis (e.g., career preparation, research, community engagement, leadership development). • Goals may be aspirational or developmental and do not need to be directly measurable.

Program Goals Statement

The Certificate in Risk Management and IT Audit aims to prepare students to effectively identify, assess, and manage organizational risks and evaluate information technology controls. The program emphasizes career preparation by developing practical and theoretical knowledge in risk management, IT auditing, internal controls, regulatory compliance, and governance. It seeks to equip students with skills applicable to careers in IT audit, risk management, compliance, and related fields while introducing them to knowledge areas associated with industry-recognized certifications such as the Certified Information Systems Auditor (CISA) and Certified Risk Management Professional (CRMP). Through an applied and industry-relevant curriculum, the program aims to strengthen students' professional competencies and prepare them to address evolving technological, regulatory, and organizational risks.

Program Learning Outcomes

Provide measurable, program-specific learning outcomes that reflect the most important competencies students will demonstrate upon completion of the program. Programs are expected to assess and use PLOs for continuous improvement.

Program Learning Outcomes

Learning Outcome

Develop cybersecurity and information assurance strategies to current, practical, and important contexts and situations within the field.

Demonstrate ability to integrate cybersecurity and information assurance policies and procedures within development and operations environments.

Articulate an understanding of professional integrity and the ethical and legal implications of the implementation of cybersecurity and information assurance

Learning Outcomes Display

Course Code	PLO 1	PLO 2	PLO 3
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Please attach a Comprehensive Program Assessment Plan

Assessment_Certificate_Risk Management and IT Audit.docx

Please attach a Curriculum Map Matrix

Risk_ITAudit_Certificate_Smart Planner 2025.docx

Please attach a Five-Year Budget Projection. For NEW programs, also attach a Budget Narrative.

budget draft_foundations_certificate.xlsx

Please attach the updated roadmap:

Risk_Management_and_IT_Audit_Certificate_Roadmap_2025.xlsx

Catalog Description (catalog copy):

The Certificate in Risk Management and IT Audit is designed to provide professionals with the expertise needed to manage organizational risks and conduct thorough IT audits. This certificate covers essential topics such as risk assessment, mitigation

strategies, internal controls, governance, and regulatory compliance. Participants will learn how to implement risk management frameworks, perform IT audits, and ensure compliance with industry standards.

Admission and Continuation Requirements (catalog copy): minimum GPA and prerequisites (if applicable), required coursework or preparation, portfolio, test scores, and/or letters of recommendation. For graduate programs: expectations for a relevant bachelor's degree (required or preferred disciplines, prerequisite knowledge, or equivalent experience), include evidence that program requirements conform to the minimum requirements for the culminating experience, as specified in Title 5 Section 40510 The Master's Degree and Section 40511 The Doctoral Degree.

Admission to this certificate is open to domestic and international students who meet the following criteria:

1. Academic Standing, Degree, and GPA
Four-year bachelor's degree or equivalent with a minimum GPA of 2.5
2. Statement of Purpose
Applicants must submit a Statement of Purpose describing their academic background, and professional experience
3. Résumé
Applicants must submit a current résumé outlining relevant academic preparation, professional experience, and technical skills.
4. Letters of Recommendation
Applicants must submit two letters of recommendation from individuals who can speak to the applicant's academic ability, professional readiness, or potential for success.
5. English Language Proficiency (if applicable)
A foreign language test is required for applicants who earned their undergraduate degree from a country where the official language of instruction is not English. Applicants must submit official English proficiency scores (Institution Code: 4671) from one of the following exams taken within the past two years:
TOEFL iBT (minimum score of 4 on the ETS 1–6 scale)
IELTS: minimum band score of 6.0
PTE Academic: minimum score of 50
6. At least 6 units in financial reporting/audit and telecommunication and networking courses, with minimum grades of "C" or higher, are required for applicants with less than 3 years of cybersecurity-related work experience.

Program Requirements (catalog copy):

List of courses (Total units: 12)

Cores (6 units)

MCM 204 Cloud, IoT, and Enterprise Security
MCM 208 Cybersecurity Policy, Compliance, and Risk Assessment

Electives (6 units)

MCM 211 Security Practices in SDLC
ACCY 212 Forensic Accounting & Fraud Examination
MCM 213 AI and ML Techniques for Cybersecurity
MCM 214 Blockchain Technology
ACCY 216 Accounting Information systems Audit and Control
MCM 217 Data Driven Cybersecurity

Reviewer Comments:

Katie Dickson (katiedickson) (Fri, 23 May 2025 20:18:48 GMT): Rollback: In preparation for the summer 2025 Curriculum Workflow software update, all course and program proposals have been moved out of Workflow. Submissions to Workflow will resume Monday, August 11, 2025. Please contact Academic Services at catalog@csus.edu with any questions.

Tota Panggabean (panggabean) (Tue, 02 Jun 2026 19:25:02 GMT): Rollback: Additional review is required as per ADAP office.

Key: 589