



animal science, plant science, and forestry. The proposed Professional Management Certificate

SDSU is currently offering the following graduate programs:

3. If you do not have a graduate degree from your university, please refer to the Strategic Plan 2014-2020:

SDSU is currently offering the following graduate programs:  
Economics (Ph.D., M.A.), Agricultural Business (M.S.), and Education (Ph.D., M.Ed.)

The Professional Management Certificate is a graduate certificate program established by SDCL 13-58.1. The program is designed to provide students with the knowledge and skills necessary to control the business operations of an organization. The program is designed to provide instruction in the following areas: business law, accounting, finance, human resources, marketing, education, engineering, health care, information systems, and technology. The program is designed to provide students with the skills necessary to manage a business or organization.

The proposed certificate aligns with the Strategic Plan 2014-2020:  
Goal 1: Student Success

- Increase the number of students who graduate from SDSU.

Goal 2: Academic Quality and Innovation

- Continue to approve new graduate programs.
- Grow the number of students participating in experiential learning.
- Develop and grow high quality online academic programs to address needs of diverse students and markets.

In addition, this graduate certificate aligns with the SDSU's Strategic Plan 2014-2020. Offering a student-centered certificate program aligns with the Strategic Plan 2014-2020 to the attainment of Strategic Goal 1: Excellence through transformative education. The certificate aligns with the Strategic Plan 2014-2020 to the attainment of Strategic Goal 2: Demand-driven education.

4. Provide justification for the certificate to students and the workforce:

The Professional Management Certificate is a graduate certificate program in the field of management. The program is designed to provide students with the knowledge and skills necessary to manage a business or organization. The program is designed to provide instruction in the following areas: business law, accounting, finance, human resources, marketing, and technology. The program is designed to provide students with the skills necessary to manage a business or organization. Those entering or already in the workforce will benefit from this program. Graduates will be able to manage a business or organization as a leader and decision-maker within their company.

<sup>1</sup> <http://www.sdstate.edu/graduate-programs/>

Given the strong and growing demand for management professionals, the proposed certificate will provide training in key areas of management expertise. The U.S. Bureau of Labor Statistics Occupational Handbook<sup>2</sup> includes the following occupations in its list of high-growth occupations: Management Information Systems Administrators (15% job growth outlook)<sup>3</sup>, Business Operations Managers (10% job growth outlook)<sup>3</sup>, Architects (10% job growth outlook)<sup>4</sup>, and Environmental Scientists and Specialists (10% job growth outlook)<sup>5</sup>.

5. **Who is the intended audience for this certificate program? List the majors/degree programs from which students are eligible.**

The Professional Management certificate is designed as a stacked credential. The proposed certificate will provide training in key areas of management expertise. Graduate students in other areas such as business, engineering, and science will also benefit by adding this certificate to their existing portfolio.

6. **Certificate Design**

A. **Is the certificate designed as a stack of credentials for students not seeking additional areas of high workforce demand through this program?**

Yes. Students may pursue the certificate as a stack of credentials. The U.S. Bureau of Labor Statistics Occupational Handbook<sup>2</sup> includes the following occupations in its list of high-growth occupations: Management Information Systems Administrators (15% job growth outlook)<sup>3</sup>, Business Operations Managers (10% job growth outlook)<sup>3</sup>, Architects (10% job growth outlook)<sup>4</sup>, and Environmental Scientists and Specialists (10% job growth outlook)<sup>5</sup>.

B. **Is the certificate a value-added program for students from which they will benefit?**

<sup>2</sup> Bureau of Labor Statistics, U.S. Department of Labor, *Occupational Handbook*, at <http://www.bls.gov/occupations/>  
<sup>3</sup> Bureau of Labor Statistics, U.S. Department of Labor, *Occupational Handbook*, at <http://www.bls.gov/occupations/>  
<sup>4</sup> Bureau of Labor Statistics, U.S. Department of Labor, *Occupational Handbook*, at <http://www.bls.gov/occupations/>  
<sup>5</sup> Bureau of Labor Statistics, U.S. Department of Labor, *Occupational Handbook*, at <http://www.bls.gov/occupations/>

**adding the certificate...**

Yes. The certificate is intended to reward SDSU students in science related areas of the College of Agriculture, Food and Environment certificate. For instance, students in the area of small business ownership in collaboration with the University of Minnesota would benefit immensely by adding a Professional Management certificate to their science and dairy science will also benefit by adding the Professional Management credentials. Students in many other disciplines will also benefit by adding the

- C. Is the certificate a stackable credential and, if so, does it apply to any program(s) to which the certificate stacks and the number of certificate that can be applied to the program.

Yes. This certificate will deliver essential learning outcomes that will provide the student for the Professional Science (M.S.). This certificate will require 12 credits (six corequisite credits and six elective credits) in the areas of Management, Economics, Finance, Accounting, Agricultural Economics, Entrepreneurial Studies and Information Technology.

7. List the courses required for the certificate, please attach the appropriate supporting evidence to each course are proposed for the certificate, please attach the appropriate supporting evidence to each form).

Prefix	Number	Course Title	Prerequisites for	Credits	New
ECON/ MGMT	751	Advanced Managerial Economics	None	3	Yes
ECON/ FIN- OR	753	Financial Management (3 cr.)	None	3	Yes
ECON/ ACCT	592	Topics (Budgeting) (3 cr.)	None	3	Yes
Select two of the following:				6	
AGEC	571	Advanced Business Decision Management	None	3	Yes
AGEC/ ECON	572	Resource and Environmental Economics	None	3	Yes
AGEC/ ECON/ ENTR/ FIN/ MGMT/ MKTG	592 or 792	Topics (Budgeting)	None	3	Yes
DSCI/ ECON	752	Advanced Business Decisions Science	None	3	Yes
ECON/ FIN	753	Financial Management (3 cr.) (used above)	None	3	Yes
OM	563	Supply Chain Management	None	3	Yes
Subtotal				12	

8. Student Learning Outcomes and Assessment Methods for this certificate

**Board Policy 2.23 requires a list of program outcomes**

**A. What specific competencies will all students demonstrate?**

Students in the BA in Entrepreneurship

- Design, analyze, and evaluate business management decisions
- Use financial and accounting information
- Apply entrepreneurial management concepts

**B. Complete the following table for each competency**

Individual Student Outcome	Program Courses that Address the Outcome				
	AGRS	AGRS	AGRS	AGRS	AGRS
Students will be able to design, analyze, and evaluate business management decisions	ECON/751	ECON/751	ECON/751	ECON/751	ECON/751
Students will be able to use financial and accounting concepts and theories in management decisions	FIN/751	FIN/751	FIN/751	FIN/751	FIN/751
Students will be able to apply entrepreneurial management concepts and management					

**9. Delivery**  
Note: The new accreditation requires the university to offer programs

**A. Complete the following table for each competency**  
delivered on campus  
Fails, Capitalize  
delivered the entire program through distance

	Yes/No	If Yes, when delivered
On campus	Yes	2022-2023
Off campus	No	

	Yes/No	If Yes, include delivery method
Distance Delivery (online/other delivery methods)		
Does another institution have authority online?		

B. Complete the following chart to indicate the program will deliver more than one (e.g., as email delivery)

	Yes/No	If Yes, include delivery method
Distance Delivery (online/other delivery methods)		