



**SOUTH DAKOTA BOARD OF REGENTS  
ACADEMIC AFFAIRS FORMS**

**New Certificate**

---

**UNIV-ob8fact BMC 166.22 735.84 373.39 n/H1 tt/H**

*David H. Quinn*  
[Redacted Signature]

The university does not request new state resources for the proposed certificate. In fact, since existing courses and sections will be used and no new personnel will be needed to teach the courses, this certificate should facilitate enrollment in these courses, optimizing course capacity and resource use.

- 3. If you do not have a major in this field, explain how the proposed certificate relates to your university mission and strategic plan, and to the current Board of Regents Strategic Plan 2014-2020.**

SDSU is currently authorized to deliver programs in Pharmaceutical Sciences (B.S., M.S., Ph.D.) and the Doctor of Pharmacy.

This certificate fits with the mission and strategic plan of South Dakota State University. Specifically, the program will feature student-centered education that will contribute to the health of South Dakota, the region, the nation, and the world. The program will contribute to attainment of strategic goal 1 – excellence through transformative education. This will be a distinct and high-quality academic program designed to meet student and market demands. The certificate also fits with the South Dakota Board of Regents strategic plan goal of increasing student success, particularly for those students ultimately seeking healthcare-related masters or doctoral degrees.

- 4. Provide a justification for the certificate program, including the potential benefits to**

- A. Is the certificate designed as a stand-alone education credential option for students areas of high workforce demand or specialized body of knowledge will be addressed through this certificate?**

This certificate is not a stand-alone credential.

- B. study? If so, list the majors/programs from which students would most benefit from adding the certificate.**

The certificate will be a value-added credential for students pursuing acceptance to healthcare-related professional programs, providing substantial experience in pharmacology, which may help separate these students from other applicants. Students enrolled in the Human Biology or Biology majors and other health-related Pre-Professional/Career Interest areas with plans to apply to medical school will benefit the most from the certificate.

- C. Is the certificate a stackable credential with credits that apply to a higher level program(s) to which the certificate stacks and the number of credits from the certificate that can be applied to the program.**

The certificate would be stackable to the B.S. programs for Human Biology and Biology.

\*Credit hours in parentheses ( ) indicate prerequisite courses not counted in the minor requirements. The net number of prerequisites not counted is 7. These prerequisites are fundamental to general education coursework and major requirements (BIOL 151, BIOL 153, BIOL 221, CHEM 106, CHEM 112, and CHEM 114) required to be taken by students in health-related majors who might choose to earn the minor and therefore not applicable to the minor itself.

Students in the B.S. Pharmaceutical Sciences / Pharm.D. program are not eligible for this certificate.

#### **8. Student Outcome and Demonstration of Individual Achievement.**

