

SOUTH DAKOTA BOARD OF REGENTS

Academic and Student Affairs
Consent

AGENDA ITEM: 6 – F (3)
DATE: August 2-4, 2022

SUBJECT

New Site Request – USD – Minor in Interdisciplinary Sciences (Online)

CONTROLLING STATUTE, RULE, OR POLICY

[BOR Policy 2:23](#) – Program and Curriculum Approval

[BOR Policy 2:12](#) – Distance Education

BACKGROUND / DISCUSSION

The University of South Dakota (USD) requests approval to offer the minor in Interdisciplinary Sciences online. Currently, a majority of the courses for this minor are offered online. A proposed program modification will allow for students to complete the minor online, which will provide online students more choice. Currently, there are relatively few minors available for online students, particularly in the natural or physical sciences.

IMPACT AND RECOMMENDATION

USD anticipates 5 online enrollments after four years of the program being online. The university requests no new resources.

Board office staff recommends approval to offer the minor online.

ATTACHMENTS

Attachment I – New Site Request: USD – Minor in Interdisciplinary Sciences

DRAFT MOTION 20220802_6-F(3):

I move to approve USD’s new site proposal to offer the minor in Interdisciplinary Sciences online.



SOUTH DAKOTA BOARD OF REGENTS ACADEMIC AFFAIRS FORMS

New Site Request

UNIVERSITY:	USD
DEGREE(S) AND PROGRAM:	Interdisciplinary Sciences Minor
NEW SITE(S):	Online
INTENDED DATE OF IMPLEMENTATION:	Fall 2022
CIP CODE:	51.1199
UNIVERSITY DEPARTMENT:	Arts & Sciences, General (UASG)
BANNER DEPARTMENT CODE:	UASG – A&S, General
UNIVERSITY DIVISION:	College of Arts & Sciences
BANNER DIVISION CODE:	2A

A	<p>Please check this box to confirm that (place an “X” in the left box):</p> <ul style="list-style-type: none"> • The individual preparing this request has read AAC Guideline 2:11, which pertains to new site requests, and that this request meets the requirements outlined in the guidelines. • This request will not be posted to the university website for review of the Academic Affairs Committee until it is approved by the Executive Director and Chief Academic Officer.
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University Approval

To the Board of Regents and the Executive Director: I certify that I have read this proposal, that I believe it to be accurate, and that it has been evaluated and approved as provided by university policy.

President of the University

Date

1. What is the need for offering the program at the new physical site or through distance delivery?

Through our current online offerings, USD is positioned to offer a minor in Interdisciplinary Sciences online. Since there are relatively few minors currently offered online at USD, adding this modality will provide an additional option for students majoring in online programs that require a minor. Adding the online site will require no additional funding to support and, as such, it is timely to add the online offering for the interdisciplinary sciences minor.

2. Are any other Regental universities authorized to offer a similar program at the proposed site(s) or through distance delivery? If “yes,” identify the institutions and programs and explain why authorization is requested.

While there are minors in various science disciplines across the BOR, there are no online minors in natural and physical science disciplines.

3. Are students enrolling in the program expected to be new to the university or redirected from other existing programs at the university? Complete the table below and explain the

methodology used in developing the estimates.

The addition of an online minor in interdisciplinary sciences is not likely to add new degree seeking studies to the university. Rather, offering the online minor will allow students an additional option for a minor if the student is completing their major online. We expect slight growth in the online minor as students completing their degree online elect to pursue a minor in interdisciplinary sciences.

<i>Estimates</i>	Fiscal Years*			
	1st	2nd	3rd	4th
	FY23	FY24	FY25	FY26
Students new to the university	0	0	0	0
Students from other university programs	2	3	4	5
=Total students in the program at the site	2	3	4	5
Program credit hours (major courses)**	36-40	54-60	72-80	90-100
Graduates	-	-	-	-

*Do not include current fiscal year.

**This is the total number of credit hours generated by students in the program in the required or elective program courses. Use the same numbers in Appendix B – Budget.

4. What is the perceived impact of this request on existing programs in the Regental system?

The addition of an online site for this minor will supplement existing programs within the Regental system. Providing the interdisciplinary sciences minor online will expand minor options for students enrolled in online or face-to-face majors.

5. Complete the table and explain any special circumstances. Attach a copy of the program as it appears in the current catalog. If there are corresponding program modifications requested, please attach the associated form. Explain the delivery of the new courses and attach any associated new course request forms.

Interdisciplinary Sciences (minor)	Credit hours	Credit hours currently available from this university online	Credit hours currently available from other universities available online	Credit hours currently available online	Credit hours new to this university for online delivery
Major Requirements	18-20	18-20	18-20	18-20	0
Major Electives or Minor	0	-	-	-	-
<i>Total, Degree with Proposed Major</i>	18-20	18-20	18-20	18-20	0

*If the major will be available in more than one degree (e.g., BA, BS, BS Ed) at the new site(s) and the number or distribution of credits will vary with the degree, provide a separate table for each degree.

Core Requirements

Choose two options from two different disciplinary sequences.

In addition, choose a fifth course from one of the sequences in a discipline not previously selected. Students who complete the PHYS 211/213 sequence will not be required to complete the fifth course so long as they have 18 credits earned in the minor.

Sequence 1 (Biology)

- BIOL 151 - General Biology I (C) [SGR #6, HSDC]
- BIOL 151L - General Biology I Lab (C) [SGR #6, HSDC]
- BIOL 153 - General Biology II (C) [SGR #6, HSDC]
- BIOL 153L - General Biology II Lab (C) [SGR #6, HSDC]

Sequence 2 (Chemistry)

Option A

- CHEM 112 - General Chemistry I (C) [SGR #6, HSDC]
- CHEM 112L - General Chemistry I Laboratory (C) [SGR #6, HSDC]
- CHEM 114 - General Chemistry II (C) [SGR #6, HSDC]
- CHEM 114L - General Chemistry II Laboratory (C) [SGR #6, HSDC]

Option B

- CHEM 112 - General Chemistry I
- CHEM 112L General Chemistry I Laboratory
- CHEM 116 - Honors Principles of Chemistry [SGR #6, HSDC]
- CHEM 116L - Honors Principles of Chemistry Laboratory [SGR #6, HSDC]

Sequence 3 (Anatomy/Physiology)

Option A

- PHGY 220 - Human Anatomy and Integrated Physiology I [SGR #6, HSDC]
- PHGY 220L - Human Anatomy and Integrated Physiology Laboratory I [SGR #6, HSDC]
- PHGY 230 - Human Anatomy and Integrated Physiology II [SGR #6, HSDC]
- PHGY 230L - Human Anatomy and Integrated Physiology II Laboratory [SGR #6, HSDC]

Option B

- ANAT 411 - Human Gross Anatomy
- PHGY 420 - Advanced Human Physiology I

Sequence 4 (Physics)

Option A

- PHYS 111 - Introduction to Physics I (C) [SGR #6, HSDC]
- PHYS 111L - Introduction to Physics I Laboratory (C) [SGR #6, HSDC]
- PHYS 113 - Introduction to Physics II (C) [SGR #6, HSDC]
- PHYS 113L - Introduction to Physics II Laboratory (C) [SGR #6, HSDC]

Option B

- PHYS 211 - University Physics I (C) [SGR #6, HSDC]
- PHYS 211L - University Physics I Laboratory (C) [SGR #6, HSDC]
- PHYS 213 - University Physics II (C) [SGR #6, HSDC]
- PHYS 213L - University Physics II Laboratory (C) [SGR #6, HSDC]

6. How will the university provide student services comparable to those available for students on the main campus?

Services will be those provided for other online programs. The College of A&S has been offering online coursework and online major and minors for several years and are adept in supporting students from a distance. We also have the expertise of the I.D. Weeks library, the CTL, and ITS to assist online students (and faculty serving students) in accessing and using resources to further their education. Further, students obtaining a minor in interdisciplinary sciences will have access to advising within the Academic and Career Planning Center and from the minor program director.

7. Is this program accredited by a specialized accrediting body? If so, address any program accreditation issues and costs related to offering the program at the new site(s).

No

8. Does the university request any exceptions to Board policy for delivery at the new site(s)? Explain requests for exceptions to Board policy.

None

9. Cost, Budget, and Resources related to new courses at the site: Explain the amount and source(s) of any one-time and continuing investments in personnel, professional development, release time, time redirected from other assignments, instructional technology & software, other operations and maintenance, facilities, etc., needed to implement the proposed minor. Complete Appendix B – Budget using the system form.

No new costs are anticipated. The College of A&S already offers adequate courses via the online modality. This request will allow for awarding of the minor for those students who complete the requirements of the minor.