

**SOUTH DAKOTA BOARD OF REGENTS**

**Academic and Student Affairs**

**AGENDA ITEM: 6 – P (2)**

**DATE: March 30 – April 1, 2016**

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**SUBJECT: New Site: SDSU AS in Agricultural Science**

South Dakota State University (SDSU) requests authorization to deliver the Associate of Science (AS) in Agricultural Science at Lake Area Technical Institute (LATI) in Watertown, SD. SDSU makes the request so that LATI students pursuing the Associate of Applied Science (AAS) in Agriculture can pursue the AS from SDSU simultaneously, providing those graduates with an additional option for pursuing a bachelor's degree. The request also aids in preparing additional graduates for South Dakota's agricultural sector, estimated at 20% of South Dakota's employment. No other Regental institution offers a similar degree program. SDSU estimates the program will produce 12 graduates per year after full implementation.

SDSU is requesting an exception to Board Policy in order to facilitate the simultaneous granting of associate degrees from LATI and SDSU.

SDSU is not requesting new State resources to deliver the program.

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**RECOMMENDED ACTION OF THE EXECUTIVE DIRECTOR**

I move to approve SDSU's request to offer the AS in Agricultural Science at Lake Area Technical Institute (LATI) in Watertown, SD as described in Attachment I and waive the requirement of BOR Policy 2:29 Section 1 (C)(3) requiring 8 of the last 15 credits for the associate degree must be completed as institutional credit.

**South Dakota Board of Regents  
New Site: Request to Offer an Existing Degree Program**

<b>University</b>	<b>South Dakota State University</b>
<b>Degree(s) and Program</b>	<b>Agricultural Science (A.S.)</b>
<b>New Site(s)</b>	<b>Lake Area Technical Institute -Watertown, SD (LATI)</b>
<b>Proposed Implementation (term)</b>	<b>Fall 2016</b>

**University Approval**

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

*David L. Chicoine*

February 17, 2016

\_\_\_\_\_  
President of the University

\_\_\_\_\_  
Date

After approval by the President, a signed copy of the proposal should be transmitted to the Executive Director. Only after Executive Director review should the proposal be posted on the university web site and the Board staff and the other universities notified of the URL.

**1. What is the need for this program in this site (these sites)? What is the expected demand for graduates in the site(s)?**

Lake Area Technical Institute currently offers an Applied Associate of Science (A.A.S.) degree in agriculture, but most of the courses are considered “technical” with limited course-by-course transferability to baccalaureate programs. South Dakota State University currently offers an Associate of Science (A.S.) degree in Agricultural Science, and essentially all courses are directly transferable to baccalaureate programs at SDSU and elsewhere. Offering SDSU’s A.S. degree at Watertown offers LATI students: 1) access to several SDSU classes, 2) an opportunity to earn the A.S. degree while simultaneously earning the A.A.S degree, and 3) an opportunity to pursue a 4-year degree with the first two years essentially already completed. It is anticipated that most students completing the SDSU A.S. degree at LATI will simultaneously complete the LATI A.A.S. degree.

The expected demand for graduates in South Dakota and the region is expected to be strong. The agricultural sector contributes to 20% of the employment in South Dakota according to the SD Ag Economic Contribution Study<sup>1</sup>. Expected demand for food and other agricultural products is expected to remain strong due to growth in global population which is expected to reach 9.5 billion by the middle part of this century. Consequently, workforce demand is expected to continue to strong for graduate of 2-year and 4-year agricultural programs<sup>2</sup>.

<sup>1</sup> <https://sdda.sd.gov/legacydocs/Secretary/PDF/2014.south.dakota.ag.economic.contribution.study.pdf#page=23>

<sup>2</sup> Goecker, A.D., P.G. Smith, E. Smith and R. Goetz. 2010. Employment opportunities for college graduates in food, renewable energy, and the environment: United States, 2010-2015. <http://www3.ag.purdue.edu/USDA/employment/pages/default.aspx>. Purdue University. (March 8, 2012).

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**2. Is any regental university authorized to offer a similar program at the new site(s)? Is any non-system institution offering a similar program at the new site(s)? If either answer is “yes,” identify the institution(s) and program(s) and explain why authorization is requested.**

No.

**3. Are students expected to be new to the university or redirected from other programs or both? Complete the table and explain how the estimates were developed. How will the new site(s) affect enrollments in other campus and off-campus programs in the regental system?**

	Fiscal Years*			
	1st	2nd	3rd	4th
Estimated	FY17	FY18	FY19	FY20
New to the university	4	12	20	25
Redirected from other programs	1	2	4	5
= Total in the program at the site	5	14	24	30
Credit hours, majors in program courses**	20	56	96	120
Graduates	0	4	8	12

\* Do not include current year.

\*\* This is the total number of credit hours generated by the majors in the required or elective program courses and taken from SDSU. The same numbers are used in Appendix B – Budget. Other program courses are taken from LATI.

*Impact on Existing Programs*

None expected.

**4. Complete the table and explain any special circumstances. Attach a copy of the program as it appears in the current catalog. If any program modifications are requested, attach that form. Explain how the new courses will be delivered. Attach the new course request forms.**

Agricultural Science (A.S.)	Credit hours	Courses currently available from SDSU at this site	Courses currently available from LATI at this site	Courses currently available via distance	Courses new to this university
System General Education Requirements	18	15		3	
<i>Subtotal, Degree Requirements</i>	18	15		3	
Required Support Courses					
Major Requirements	18		9	9	
General Electives	24		24		
Total, Degree with Proposed Major	60	15	33	12	

**5. How will you provide student services comparable to those available for students on the main campus?**

Students will have access to an LATI academic advisor and the full complement of on-campus student services provided to LATI students. The SDSU College of Agriculture

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and & Biological Sciences (ABS) will provide training to LATI advisors and will assign co-advisors to individual students if needed. ABS College representatives will meet with LATI officials on a regular basis to coordinate the program. SDSU student services offices (e.g., Financial Aid, Registrar) will provide support as needed.

**6. 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).**

Accreditation is not available for the discipline.

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

SDSU will waive requirement that the 8 of the last 15 credits for the associate degree must be completed as institutional credit.

**8. Costs, Budget & 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, instructional technology and software, other O&M, facilities, student services, etc needed to implement the program at the new site(s). Complete Appendix B – Budget using the system form.**

See Appendix B.

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## Appendix A

### A.S. in Agricultural Science – 2015-2016 Program Requirements

SGR #1 Written Communication ENGL 101 Composition I	3
SGR #2 Oral Communication SPCM 101 Fundamentals of Speech	3
SGR #3 Social Science	3
SGR #4 Humanities and Arts	3
SGR #5 Mathematics	3
SGR #6 Natural Sciences	3
First Year Seminar (ABS 109 suggested)	2
Major Field of Concentration ( <i>Courses prefixed ABS, AGECE, AGED, AS, AST, DS, EES, FS, HO, NRM, PS, RANG, VET, and WL</i> )	16
General Electives	24

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**Appendix B**  
**Budget & Resources**

South Dakota State University, A.S. in Agricultural Science

**1. Assumptions**

		1st	2nd	3rd	4th
		FY17	FY18	FY19	FY20
<i>Headcount &amp; hours from proposal</i>					
Fall headcount (see table in proposal)		5	14	24	30
Program FY cr hrs, State-Support		0	0	0	0
Program FY cr hrs, Self-Support		20	56	96	120
Faculty, Regular FTE	See p. 2	0.00	0.00	0.00	0.00
Faculty Salary & Benefits, average	See p. 2	\$8,622	\$8,622	\$8,622	\$8,622
Faculty, Adjunct - number of courses	See p. 2	0	0	0	0
Faculty, Adjunct - per course	See p. 2	\$1,000	\$1,000	\$1,000	\$1,000
Other FTE (see next page)	See p. 2	0.10	0.20	0.25	0.25
Other Salary & Benefits, average	See p. 2	\$63,371	\$63,371	\$63,371	\$63,371

**2. Budget**

<i>Salary &amp; Benefits</i>					
Faculty, Regular		\$0	\$0	\$0	\$0
Faculty, Adjunct (rate x number of courses)		\$0	\$0	\$0	\$0
Other FTE		<u>\$6,337</u>	<u>\$12,674</u>	<u>\$15,843</u>	<u>\$15,843</u>
S&B Subtotal		\$6,337	\$12,674	\$15,843	\$15,843
<i>Operating Expenses</i>					
Travel		\$0	\$0	\$0	\$0
Contractual Services		\$0	\$0	\$0	\$0
Supplies & materials		\$0	\$0	\$0	\$0
Capital equipment		<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
OE Subtotal		\$0	\$0	\$0	\$0
<b>Total</b>		<b>\$6,337</b>	<b>\$12,674</b>	<b>\$15,843</b>	<b>\$15,843</b>

**3. Program Resources**

SELF-support tuition/hr, net of HEF	UG	\$297.45	\$297.45	\$297.45	\$297.45
Self-support tuition revenue	hrs x amt	\$5,949	\$16,657	\$28,555	\$35,694
STATE-support tuition/hr, net of HEFF	UG	\$115.76	\$115.76	\$115.76	\$115.76
State-support tuition revenue	hrs x amt	\$0	\$0	\$0	\$0
Program fee, per cr hr (if any)	\$0.00	\$0	\$0	\$0	\$0

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Delivery fee, per cr hr (if any)	\$0.00	\$0	\$0	\$0	\$0
University redirections		\$0	\$0	\$0	\$0
Community/Employers		\$0	\$0	\$0	\$0
Grants/Donations/Other		\$0	\$0	\$0	\$0

**Total Resources** **\$5,949** **\$16,657** **\$28,555** **\$35,694**

**Resources Over (Under) Budget** **(\$388)** **\$3,983** **\$12,712** **\$19,851**

*Provide a summary of the program costs and resources in the new program proposal.*

Estimated Salary & Benefits per FTE	Faculty	Other
Estimated salary (average) - explain below	\$0	\$48,000
University's variable benefits rate (see below)	0.1406	0.1406
Variable benefits	\$0	\$6,749
Health insurance/FTE, FY16	\$8,622	\$8,622
<i>Average S&amp;B</i>	\$8,622	\$63,371

Explain faculty used to develop the average salary & fiscal year salaries used. Enter amount above.

Courses are already being taught and have capacity for additional students, so there will be no additional faculty costs unless enrollment exceeds expectations.

Explain adjunct faculty costs used in table:

The FY16 salaries of 3 professional advisors in the ABS College were averaged.

Explain other [for example, CSA or exempt] salary & benefits. Enter amount above.

Summarize the operating expenses shown in the table:

None

Summarize resources available to support the new program (redirection, donations, grants, etc).

None

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*State-support: Change cell on page 1 to use the UG or GR net amount.*

Self-Support Tuition, HEFF & Net	FY15			
	Rate	HEFF	Net	
Undergraduate	\$325.25	\$27.80	<b>\$297.45</b>	<i>Change cell on page 1</i>
Graduate	\$431.25	\$42.16	<b>\$389.09</b>	
Externally Supported	\$40.00			

*State-support: Change cell on page 1 to use the UG or GR net amount for your university.*

State-Support Tuition, HEFF & Net	FY15			
	Rate	HEFF	Net	
UG Resident - BHSU, DSU, NSU	\$139.00	\$27.80	<b>\$111.20</b>	<i>Change cell on page 1</i>
UG Resident - SDSU, USD	\$144.70	\$28.94	<b>\$115.76</b>	<i>to point to your net.</i>
UG Resident SDSMT	\$151.00	\$30.20	<b>\$120.80</b>	
GR Resident - BHSU, DSU, NSU	\$210.80	\$42.16	<b>\$168.64</b>	
GR Resident - SDSU, USD	\$219.35	\$43.87	<b>\$175.48</b>	<i>Change cell on page 1</i>
GR Resident - SDSMT	\$224.65	\$44.93	<b>\$179.72</b>	<i>to point to your net.</i>

Variable Benefits Rates

University	FY16	
BHSU	14.27%	<i>Change the benefits rate cell in the table on page 2 to point to the rate for your university.</i>
DSU	13.84%	
NSU	14.00%	
SDSM&T	13.87%	
SDSU	14.06%	
USD	13.99%	