SOUTH DAKOTA BOARD OF REGENTS
ACADEMIC AFFAIRS FORMS

Substantive Program Modification Form

Existing Curriculum   Proposed Curriculum <mark>(highlight changes</mark>

Pref.   Num.   Title   Cr. Hrs. Pref.

		Existing Curriculum				Proposed Curriculum <mark>(highlight changes)</mark>	
Pref.	Num.	Title	Cr. Hrs.	Pref.	Num.	Title	Cr. Hrs.
		o PHYS 471- Quantum Mechanics (COM) Credits: 4 o PHYS 481- Mathematical Physics (COM) Credits: 4 o PHYS 494- Internship (COM) Credits: 1-4 o PHYS 498- Undergraduate Research/Scholarship (COM) Credits: 1-12 o STAT 381- Introduction to Probability and Statistics (COM) Credits: 3				o PHYS 433- Nuclear and Elementary Particle Physics (COM) Credits: 3 o PHYS 439- Condensed Matter Physics (COM) Credits: 3-4 (4 credits required) o PHYS 471- Quantum Mechanics (COM) Credits: 4 o PHYS 481- Mathematical Physics (COM) Credits: 4 o PHYS 494- Internship (COM) Credits: 1-4 o PHYS 498- Undergraduate Research/Scholarship (COM) Credits: 1-12 o STAT 381- Introduction to Probability and Statistics (COM) Credits: 3	
Electives (Taken as needed to complete any additional degree requirements)			0	<mark>Electives</mark> (Taken as needed to complete any additional degree requirements)			<mark>1</mark>

Summary of Credits Physics (B.S.)				
System General Education Requirements	33	<mark>System General Education Requirements</mark>		<mark>25</mark>
Department Requirements Additional required credits of coursework beyond SGR Major, and Support Courses	3	<mark>Department Requirements</mark> Additional required credits of coursework beyond SGRs Major, and Support Courses		<mark>0</mark>
Majors Requirements	84	<mark>Majors Requirements</mark>		<mark>94</mark>
Electives (Taken as needed to complete any additional degree requirements)	0	<mark>Electives</mark> (Taken as needed to complete any additional degree requirements)		<mark>1</mark>
Total number of hours required for major	108	Total number of hours required for major		98
Total number of hours required for degree	120	Total number of hours required for degree		120

8. Explanation of the Change:

The Department of Physics identified the following changes to the Physics major:
   Removed a specific course selection from SGR #1 and SGR #2 to allow students more flexibility in meeting their System General Education requirements.
   Departments updated zero credit lab courses and adjusted the credits between the lecture and labs to accurately reflect contact time. 19.7612 792 re W* Ld
   PHY BDSGR #2 to all(HY 12 792 re W* n BT /F1 12 Tf 1 0 0 1 98.544 239.93 Tm 0 G [(e)14(pa