



SOUTH DAKOTA BOARD OF REGENTS
ACADEMIC AFFAIRS FORMS
Substantive Program Modification Program

Use this form to request minor changes in existing programs (majors, minors, certificates, or specializations).

UNIVERSITY:	University of South Dakota
CURRENT PROGRAM TITLE:	Basic Biomedical Sciences, Ph.D. (Neurology and Infectious Disease Specializations)
CIP CODE:	26.0102
UNIVERSITY DEPARTMENT:	Basic Biomedical Sciences
UNIVERSITY DIVISION:	Sanford School of Medicine

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.

Elizabeth M. Freeburg

08/15/2016

 Vice President of Academic Affairs or
 President of the University

 Date

1. This modification addresses a change in (place an "X" in the appropriate box):

- | | |
|---|--|
| <input type="checkbox"/> Total credits required within the discipline | <input type="checkbox"/> Total credits of supportive course work |
| <input type="checkbox"/> Total credits of elective course work | <input type="checkbox"/> Total credits required for program |
| <input type="checkbox"/> Program name | <input checked="" type="checkbox"/> Existing specialization |
| <input type="checkbox"/> CIP Code | <input type="checkbox"/> Other (explain below) |

2. Effective date of change:

3. Program Degree Level (place an "X" in the appropriate box):

Associate Bachelor's Master's Doctoral

4. Category (place an "X" in the appropriate box):

Certificate Specialization Minor Major

5. If a name change is proposed, the change will occur (place an "X" in the appropriate box):

- On the effective date for all students
- On the effective date for students new to the program (enrolled students will graduate from existing program)

Proposed new name: _____

Reminder: Name changes impact require updating any related articulation agreements, site approvals, etc.

7. Primary Aspects of the Modification (add lines as needed):

Existing Curriculum

Proposed Curriculum (highlight changes)

Neuroscience Specialization and Infectious Diseases Specializations

Pref.	Num.	Title	Cr. Hrs.	Pref.	Num.	Title	Cr. Hrs.
Specialization: Select a minimum of 15 hours from the courses listed below, or courses approved by Division's Graduate Committee. *Dissertation topic must be in specialization area				Specialization: Select a minimum of 15 hours from the courses listed below, or courses approved by Division's Graduate Committee. *Dissertation topic must be in specialization area			
Specialization Neurosciences (select 15 hrs)				Specialization Neurosciences (select 15 hrs)			
ANAT	731	Human Neuroanatomy	4	delete			
ANAT	732	Advanced Neuroanatomy	5	ANAT	732	Advanced Neuroanatomy	5
NSCI	710	Neuropharmacology	3	NSCI	710	Neuropharmacology	3
NSCI	720	Neurobiology of Disease	4	NSCI	720	Neurobiology of Disease	4
NSCI	792	Special Topics in Neuroscience	2	NSCI	792	Special Topics in Neuroscience	2
				BIOL	530	Neurobiology	3
				BIOL	732	Behavioral Neuroscience	3
				BIOL	792	Special Topics in Biology - Neuroscience	3
				NSCI	711	Discoveries in Neurosciences	3
							1 (repea table)
				NSCI	792	Topics in Neuroscience	
				NSCI	795	Neuroscience Teaching Practicum	1
				IMC	602	Nervous System (MD/PhD students only)	6
			Subtotal: 15				Subtotal: 15
Specialization Infectious Diseases (select 15 hrs)				Specialization Infectious Diseases (select 15 hrs)			
MICR	732	Microbial Genetics	4	MICR	732	Microbial Genetics	4
MICR	736	Mechanisms of Bacterial Pathogenesis	4	MICR	736	Mechanisms of Bacterial Pathogenesis	4
MICR	738	Microbial Physiology	4	MICR	738	Microbial Physiology	4
MICR	792	Topics	3 (repeatable)	MICR	792	Topics	3 (repeatable)
				MICR	722	Advanced Immunology	4
				MICR	724	Advanced Virology	3
				MICR	520	Microbiology and Infectious Disease	3
				MICR	518	Fundamentals of Immunology	2
			Subtotal: 15				Subtotal: 15
Total number of hours required for specialization			15	Total number of hours required for specialization			15
Total number of hours required for degree			81	Total number of hours required for degree			81

8. Explanation of the Change: *This change updates the listing of courses that can be considered acceptable for the Neuroscience and Infectious Diseases specializations in Basic Biomedical Sciences.*