

**Major components of SC BIDS4HEALTH predoctoral training****Semester Hours**

<b>Course</b>	
<b>Required components</b>	
<b>SC BDSI Area I: Biomedical Informatics</b>	16
<b>SC BDSI Area II: Data Science Fundamentals</b>	18
<b>SC BDSI Area III: Population Health, Health Systems, and Policy</b>	6
Seminar and journal club on issues in rural health and underserved populations (BDSI 771)	1
Designing Rigorous Research (e.g. MUSC:CGS 727 or similar course at Clemson)	1
Translational Research Day	N/A
Teaching Techniques (e.g. MUSC:CGS 725, CLEM:ED 8810, CLEM:ED 8760, or similar)	2
<b>SC BDSI Area IV: Health Disparities (MUSC:BMTRY 759, or CLEM:HLTH 8030)</b>	3
Annual NLM Informatics Training Conference	N/A
F30/F31 Grant Writing Course (MUSC:CGS 712 or similar course at Clemson )	1
Informatics and data science practicum to better communities (BDSI 772)	3
Translational Research Day	N/A
Teaching diverse undergraduates in biomedical informatics and data science (BDSI 773)	1
Annual NLM Informatics Training Conference	N/A
Mentoring preceptorship (BDSI 774)	1
Annual NLM Informatics Training Conference	N/A
<b>Year 3 Optional Electives in professional development and entrepreneurship</b>	2
Principles, Practices and Professionalism (CGS 770)	
Science Writing as Persuasion: Audience, Genre, and Style (CGS 764)	1
Integrated Interprofessional Studies (IP756/CGS 756)	3
Entrepreneurship in the Biomedical Space Certificate course	3
Biomedical Commercialization (CGS 729)	3
Community Engagement Research (MCR 772)	3

\*Appointed trainees will have at least 20 credit hours of Area I-III coursework completed by the time of appointment