

Department of Clinical and Diagnostic Sciences

Bachelor of Science in Biomedical Sciences

According to the SACSCOC Off-Site Committee, the undergraduate Biomedical Sciences program, was found to be non-compliant with Comprehensive Standard 3.5.4 as described below.

- 3.5.4** At least 25 percent of the course hours in each major at the baccalaureate level are taught by faculty members holding an appropriate terminal degree—usually the earned doctorate or the equivalent of the terminal degree. (Terminal degrees of faculty).

Response: The following data are provided to demonstrate compliance to this Comprehensive Standard for the B.S. in Biomedical Sciences program.

The B.S. in Biomedical Sciences is a new program (approved in June 2013) and began offering its first courses in academic year 2013-2014. Only three courses were taught during this time period (illustrated in Table 1 below).

Table 1: B.S. in Biomedical Sciences Curriculum (2013 – 2014)

Number	Name	Credit hours	Instructor	Credentials	Terminal degree/qualification
BMD 150	Introduction to the Biomedical Sciences	1	Bradley Newcomer	Ph.D.	Ph.D.
BMD 202	Survey of Biomedical Sciences Literature	1	Bradley Newcomer	Ph.D.	Ph.D.
BMD 310	Clinical Anatomy and Histology	4	Kara Caruthers	M.S.	M.S.

As illustrated in Table 1 above, 33.3% of the Biomedical Sciences curriculum was taught by a faculty member with an appropriate terminal degree (Ph.D.). Consequently, at least 25% of the course hours in the Biomedical Sciences Program during the year of record were being taught by faculty holding an appropriate terminal degree.

Moving forward, the Biomedical Sciences Program will remain in compliance with SACSCOC Comprehensive Standard 3.5.4. Over 87% of the curriculum will be taught by credentialed, terminal degreed faculty during the 2014-2015 academic year. Furthermore, over 90% of the curriculum will be taught by credentialed, terminal degreed faculty during the 2015-2016 academic year. Please refer to Tables 2 and 3 for faculty assignments on a course-by-course basis for these future academic years.

Table 2: B.S. in Biomedical Sciences Curriculum (2014 – 2015)

Number	Name	Credit hours	Instructor	Credentials	Terminal degree/qualification
BMD 150	Introduction to the Biomedical Sciences	1	Bradley Newcomer	Ph.D.	Ph.D.
BMD 201	Contemporary Issues in Biomedical Sciences	1	Bradley Newcomer	Ph.D.	Ph.D.
BMD 202	Survey of Biomedical Sciences Literature	1	Bradley Newcomer	Ph.D.	Ph.D.
BMD 310	Clinical Anatomy and Histology	4	Kara Caruthers	M.S.	M.S.
BMD 315	Clinical Physiology and Pharmacology for Health Professions I	4	Chad Epps	M.D.	M.D.
BMD 317	Clinical Physiology and Pharmacology for Health Professions II	4	Chad Epps	M.D.	M.D.
BMD 320	Survey of Cell Biology for Health Professions	3	M. Tino Unlap Ted F. Bertrand	Ph.D. Ph.D.	Ph.D.
BMD 330	Clinical Microbiology for Health Professions	3	Ted F. Bertrand	Ph.D.	Ph.D.
BMD 380	Research Methods and Scientific Literacy for the Biomedical Sciences	3	Wes Granger	Ph.D.	Ph.D.
BMD 410	Clinical Biochemistry for Health Professions	3	M. Tino Unlap	Ph.D.	Ph.D.
BMD 300	Laboratory Techniques in BioTechnology I	2	M. Tino Unlap	Ph.D.	Ph.D.
BMD 400	Laboratory Techniques in BioTechnology II	2	M. Tino Unlap	Ph.D.	Ph.D.

Table 3: B.S. in Biomedical Sciences Curriculum (2015 – 2016)

Number	Name	Credit hours	Instructor	Credentials	Terminal degree/qualification
BMD 150	Introduction to the Biomedical Sciences	1	Bradley Newcomer	Ph.D.	Ph.D.
BMD 201	Contemporary Issues in Biomedical Sciences	1	Bradley Newcomer	Ph.D.	Ph.D.
BMD 202	Survey of Biomedical Sciences Literature	1	Bradley Newcomer	Ph.D.	Ph.D.
BMD 310	Clinical Anatomy and Histology	4	Kara Caruthers	M.S.	M.S.
BMD 315	Clinical Physiology and Pharmacology for Health Professions I	4	Chad Epps	M.D.	M.D.
BMD 317	Clinical Physiology and Pharmacology for Health Professions II	4	Chad Epps	M.D.	M.D.
BMD 320	Survey of Cell Biology for Health Professions	3	M. Tino Unlap Ted F. Bertrand	Ph.D. Ph.D.	Ph.D.
BMD 330	Clinical Microbiology for Health Professions	3	Ted F. Bertrand	Ph.D.	Ph.D.
BMD 380	Research Methods and Scientific Literacy for the Biomedical Sciences	3	Wes Granger	Ph.D.	Ph.D.
BMD 410	Clinical Biochemistry for Health Professions	3	M. Tino Unlap	Ph.D.	Ph.D.
BMD 300	Laboratory Techniques in BioTechnology I	2	M. Tino Unlap	Ph.D.	Ph.D.
BMD 400	Laboratory Techniques in BioTechnology II	2	M. Tino Unlap	Ph.D.	Ph.D.
BMD 420	Pathophysiology for Health Professions	4	Wes Granger	Ph.D.	Ph.D.
BMD 430	Clinical Immunology for Health Professions	3	Ted F. Bertrand	Ph.D.	Ph.D.
BMD 475	Capstone Experiences in the Biomedical Sciences	4	Wes Granger	Ph.D.	Ph.D.