

## Academic Assessment Report - AY 2013-2014

College, School/Department, Name of Program: NJCSTM Biomedicine

### Program SLOs:

*(List Program SLOs)*

SLO1: (Medical Knowledge) Graduates will possess comprehensive theoretical and practical knowledge of the integrated science and mathematical fields necessary for admission to medical or graduate school should they choose to further their education. (KU 1, KU2, KU3, KU4) (GE K1, S1, S2, S3, S4, S5, V1, V2, V3, V5)

SLO2: (Holistic Knowledge) Graduates will be versatile and resourceful scientists who can adjust to this ever-changing field because of their comprehensive, integrated knowledge of mathematics applied to the physical, biological and chemical sciences. (KU 1, KU 2, KU3, KU 4) (GE K1, S1, S2, S3, S4, S5, V2, V4)

SLO3: (Critical Thinking) Graduates will be able to combine critical thinking skills and analytical knowledge to design, perform, and analyze scientific or medical research both as an individual and as effective and productive project team members. (KU 1, KU 4) (GE K1, S1, S2, S3, S4, S5)

SLO4: (Foreign Languages) Graduates will have conversational knowledge of their selected foreign language of study and be able to exercise this language knowledge and demonstrate sociocultural and bioethical awareness. (KU 1, KU 2, KU3) (GE S1, S2, V4)

SLO5: (Communication) Graduates will be able to verbally express themselves and communicate scientific comprehension and knowledge in both formal oral presentations and in written format clearly, concisely and accurately. (GE S1, S2, S3, S4, S5, V4)

<b>Program Level Student Learning Outcomes</b> <i>(Add rows for additional SLOs)</i>	<b>Assessment Measure(s)</b> <i>(Add rows if necessary)</i>	<b>Assessment Criteria</b> <i>(Describe how data is collected--rubric, survey, etc.)</i>	<b>Results of Assessment</b> <i>(Specific to Data Collected)</i>	<b>Action Taken</b> <i>(Closing the Loop: New action or follow up from last Assessment Report)</i>
<b>SLO #1 (Medical Knowledge)</b>	Direct Measure 1:	STME 4610 Presentation SWR (Scored With Rubric)		
	Direct Measure 2:	STME 4610 MCAT scores		
	Indirect Measure:	Graduating Student Survey		
<b>SLO #2 (Holistic Knowledge)</b>	Direct Measure 1:	STME 1603 Lab Practical SWR		
	Direct Measure 2:	STME 3610 Poster SWR		
	Direct Measure 3:	STME 4610 Oral Presentation SWR		
	Indirect Measure:	Graduating Student Survey		
<b>SLO #3 (Critical Thinking)</b>	Direct Measure 1:	STME 1603 Lab Practical SWR		
	Direct Measure 2:	STME 3610 Poster SWR		
	Direct Measure 3:	STME 4610 Presentation SWR		

	Indirect Measure:	Graduating Student Survey		
<b>SLO #4 (Foreign Languages)</b>	Direct Measure 1:	Academic Advisement before Junior year: Foreign Language Placement Test Score		
	Direct Measure 2:	STME 4611, reflective journal		
	Indirect Measure:	Graduating Student Survey		
<b>SLO #5 (Communication)</b>	Direct Measure 1:	GE 2024 Paper and presentation SWR		
	Direct Measure 2:	STME 3610 Poster SWR		
	Direct Measure 3:	STME 4610 Presentation SWR		
	Indirect Measure:	Graduating Student Survey		