Biomedical Science, BS (390002BS) Checklist

General Education Revision Requirements	
ACADEMIC FOUNDATIONS	
Writing: (6 cr - 2 courses)	
3100:111 English Comp I (3 cr)	
3100:112 English Comp I (3 cr)	
Quantitative Reasoning: (3 cr)	
3450:221 Analytic Geometry- Calculus I (4cr)*	
Speaking: (3 cr)	
7600:105 Intro to Public Speaking	
or	
7600:106 Effective Oral Communication	
DISCIPLINARY AREAS	
Arts/Humanities: (9 cr- 3 courses)	
*it's recommended to choose at least one **CT** course	
at least one arts course (3 cr)	
*it's recommended to choose at least one **GD** course	
Social Sciences: (6 cr -2 courses)	
*3750:100 Intro to Psychology (3 cr)	
*3850:100 Intro to Sociology (3 cr)	
Natural Sciences: (7 cr -2 courses)	
*satisfied by major	
TAGS (one class each)	
Critical Thinking (CT)	
* see humanities courses	
Complex Systems (CS)	
*3600:361 Biomedical Ethics (3 cr)	
Domestic Diversity (DD)	
*3850:100 Intro to Sociology (3 cr)	
Global Diversity (GD)	
* see humanities courses	
College of Arts & Sciences Requirements	
300/400 Upper Division Requirement: (40 cr)	
**satisfied with major requirements*	

Biomedical Science Requirements 75 credits in the natural sciences and 12 credits in supportive program requirements.	
Biology Requirements: (34 credits)	
3100:111 Principles of Biology I (4 cr)	
3100:112 Principles of Biology II (4 cr)	
3100:211 General Genetics (3 cr)	
3100:212 General Genetics Lab (1 cr)	
3100:316 Evolutionary Biology (3 cr)	
3100:363 Foundations of Physiology I (3 cr)	
3100:364 Foundations of Physiology I Lab (2 cr)	
3100:485 Cell Physiology (3 cr)	
3100:486 Cell Physiology Lab (2 cr)	
3100:xxx Biology Electives (9cr)	
Chemistry Requirements: (25 credits)	
3150:151 Principles of Chemistry I (3 cr)	
3150:152 Principles of Chemistry I Laboratory (1 cr)	
3150:153 Principles of Chemistry II (3 cr)	
3150:154 Qualitative Analysis (2 cr)	
3150:263 Organic Chemistry I (3 cr)	
3150:265 Organic Chemistry I Lab (2 cr)	
3150:264 Organic Chemistry II (3 cr)	
3150:266 Organic Chemistry II Lab (2 cr)	
3150:401 Biochemistry I (3 cr)	
3150:402 Biochemistry II (3 cr)	
Math & Physics Requirements: (16 credits)	
3450:221 Analytic Geometry- Calculus I (4cr)	
3470:261/262 Introductory Stats I & II (4cr)	
3650:261 Physics for Life Sciences I (4cr)	
3650:262 Physics for Life Sciences II (4cr)	
Program Requirements: (12 credits)	
3750:100 Intro to Psychology (3 cr)	
3850:100 Intro to Sociology (3 cr)	
3600:361 Biomedical Ethics (3 cr)	
3230:309 Medicine in the Humanities (3 cr)	
120 Credit Minimum	
**Indicates a course that double dips*	

Students should consult with their BCAS adviser for a semester by semester guide to assist with planning for course enrollment

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