BHA General Education (Gen Ed) Requirements

University Requirement 3 units
99-101/102 Computing @ Carnegie Mellon 3

Communicating: Language and Interpretations 27 units
76-101 Interpretation and Argument 9
82-xxx Modern Languages 18
Complete two courses in the same language. Languages taught at other institutions are also acceptable (with advisor approval).

Reflecting: Societies and Cultures 9 units
79-104 Global Histories 9

Modeling: Mathematics and Experiments 9 units
Choose one course from the following list:
Mathematics:
21-111 Differential Calculus 10
21-120 Differential and Integral Calculus 10
21-127 Concepts of Mathematics 10
21-241 Matrices and Linear Transformations 10
80-110 Nature of Mathematical Reasoning 9
80-210 Logic and Proofs 9
80-211 Logic and Mathematical Inquiry 9
80-212 Arguments and Logical Analysis 9

Natural Science:
02-223 Personalized Medicine: Understanding Your Own Genome 9
02-261 Quantitative Cell and Molecular Biology Laboratory 9
03-121 Modern Biology 9
03-125 Evolution 9
03-132 Basic Science to Modern Medicine 9
03-161 Molecules to Mind 9
09-103 Atoms, Molecules and Chemical Change 9
09-105 Intro. to Modern Chemistry I 10
12-201 Geology 9
33-104 Experimental Physics 9
33-111 Physics I for Science Students 12
33-114 Physics of Musical Sound 9
33-115 Physics for Future Presidents 9
33-124 Intro. to Astronomy 9

Other Courses:
05-413 Human Factors 9
15-104 Intro. to Computing for Creative Practice 10
15-110 Principles of Computing 10
15-112 Fundamentals of Programming and Computer Science 12
18-090 Twisted Signals: Multimedia Processing for the Arts 10
33-120 Science and Science Fiction 9
36-202 Methods for Statistics and Data Science 9
80-220 Philosophy of Science 9
80-222 Measurement and Methodology 9
80-223 Causality and Probability 9
80-226 Revolutions in Science 9
80-322 Philosophy of Physics 9
80-323 Philosophy of Biology 9
80-327 Philosophy of Neuroscience 9
85-370 Perception 9
99-238 Materials, Energy and Environment 9

Deciding: Social Sciences and Values 27 units
Complete one required statistics course:
36-200 Reasoning with Data 9
or 36-201 Statistical Reasoning and Practice 9
Choose two courses from the following list:
73-102 Principles of Microeconomics 9
73-103 Principles of Macroeconomics 9
79-342 Intro. to Science and Technology Studies 9
80-130 Intro. to Ethics 9
80-136 Social Structure, Public Policy & Ethics 9
80-208 Critical Thinking 9
80-221 Philosophy of Social Science 9
80-230 Ethical Theory 9
80-242 Conflict and Dispute Resolution 9
80-244 Environmental Ethics 9
80-245 Medical Ethics 9
80-248 Engineering Ethics 9
80-270 Philosophy of Mind 9
80-271 Philosophy and Psychology 9
80-305 Choices, Decisions, and Games 9
80-324 Philosophy of Economics 9
80-325 Deliberative Democracy: Theory and Practice 9
80-330 Philosophy of Law 9
80-348 Health Development and Human Rights 9
80-405 Game Theory 9
80-430 Ethics and Medical Research 9
80-447 Global Justice 9
84-104 Decision Processes in American Political Institutions 9
84-309 Political Behavior 9
84-310 International Political Economy and Organizations 9
84-319 U.S. Foreign Policy and Interventions in World Affairs 9
84-320 Domestic Politics and International Affairs 9
84-321 Autocrats and Democrats 9
84-322 Nonviolent Conflict and Revolution 9
84-333 Power and Levers for Change in Washington, DC 12
84-339 Implementing Public Policy: From Good Idea to Reality 12
84-362 Diplomacy and Statecraft 9
84-366 Presidential Politics: 9
So, You Want to Be President of the United States 9
84-380 Grand Strategy in the United States 9
84-386 The Privatization of Force 9
84-389 Terrorism and Insurgency 9
84-402 Judicial Politics and Behavior 9
84-414 International and Subnational Security 9
85-102 Intro. to Psychology 9
85-211 Cognitive Psychology 9
85-219 Biological Foundations of Behavior 9
85-221 Principles of Child Development 9
85-231 Social Psychology 9
85-251 Personality 9
85-261 Abnormal Psychology 9
85-285 Applications of Cognitive Science 9
88-120 Reason, Passion and Cognition 9

BHA Required Courses 36 units
52-190 BXA Seminar I: Building the Wunderkammer 9
or 52-291 BXA Seminar II: Building BXA 9
52-391 BXA Junior Portfolio 9
52-392 BXA Seminar III: Deconstructing Disciplines 9
52-401 BXA Seminar IV: Capstone Fall 9
52-402 BXA Seminar V: Capstone Spring 9

BHA Gen Ed: 111 units + CFA Concentration: 108 units + DC Concentration: 81 units = 300 units
BHA Curriculum: 300 units + Elective Units: 78 units = 378 units: BHA Degree Graduation Requirement (minimum)