

BSA General Education (Gen Ed) Requirements**129 units (minimum)**

Technical Breadth Requirements		51 units		
Mathematics		20 units	79-170	Introduction to Science, Technology, and Society
21-120 Differential and Integral Calculus (prereq: 21-090)	10		79-175	Moneyball Nation: Data in American Life
21-122 Integration and Approximation	10		79-189	Democracy and History: Thinking Beyond the Self
or 21-124 Calculus II for Biologists and Chemists			79-201	Introduction to Anthropology
Science		31 units	79-202	Flesh and Spirit: Early Modern Europe, 1400-1750
03-121 Modern Biology	9		79-203	The Other Europe: The Habsburgs, Communism, & Central/ Eastern Europe, 1740-1990
09-105 Introduction to Modern Chemistry I	10		79-205	20th Century Europe
33-121 Physics I for Science Students	12		79-208	Witchcraft and Witch-Hunting
or 33-141 Physics I for Engineering Students			79-211	Modern Southeast Asia: Colonialism, Capitalism, and Cultural Exchange
or 33-151 Matter & Interactions I			79-220	Screening Mexico: Mexican Cinema, 1898 to Present
Nontechnical Breadth Requirements		42 units	79-223	Mexico: From the Aztec Empire to the Drug War
First-year Courses		12 units	79-227	Modern Africa: The Slave Trade to the End of Apartheid
76-101 Interpretation and Argument (First-year)	9		79-229	The Origins of the Palestinian-Israeli Conflict, 1880-1948
or 76-102 Advanced First Year Writing: Special Topics (invite only)			79-230	The Arab-Israeli Conflict and Peace Process Through 1948 to Present
or choose two mini courses from the following list:			79-232	Arabian Peninsula Environmental History
76-106 Writing about Literature, Art and Culture	4.5		79-234	Technology and Society
76-107 Writing about Data	4.5		79-237	Comparative Slavery
76-108 Writing about Public Problems	4.5		79-240	Development of American Culture
99-101B Core@CMU (Fall, First-year)	3		79-242	African American History: Reconstruction to the Present
ENGAGE		3 units	79-245	Capitalism and Individualism in American Culture
Choose three courses:			79-257	Germany and the Second World War
38-110 ENGAGE in Service	1		79-261	The Last Emperors: Chinese History and Society, 1600-1900
38-230 ENGAGE in Wellness: Looking Inward	1		79-262	Modern China: From the Birth of Mao ... to Now
38-330 ENGAGE in Wellness: Looking Outward	1		79-264	Tibet and China: History and Propaganda
38-430 ENGAGE in Wellness: Looking Forward	1		79-265	Russian History: Game of Thrones
Humanities and Social Sciences		18 units	79-266	Russian History and Revolutionary Socialism
To fulfill this requirement, students must complete a minimum of two (2) nontechnical courses totaling at least 18 units in the Tepper School of Business and/or the Dietrich College of Humanities and Social Sciences. Courses counted toward the Cultural/Global Understanding requirement, and 76-101, do not count toward this requirement.			79-267	The Soviet Union in World War II: Military, Political, and Social History
Check the MCS web site for courses from DC and Tepper that may NOT be used to satisfy this requirement because they are too technical in nature, plus a list of courses in other colleges (including SCS, CIT, Tepper, and Heinz College) that do satisfy this requirement.			79-268	World War I: The Twentieth Century's First Catastrophe
http://www.cmu.edu/mcs/undergrad/advising/hss-finearts/deletions.html			79-275	Introduction to Global Studies
http://www.cmu.edu/mcs/undergrad/advising/hss-finearts/additions.html			79-278	How (Not) to Change the World
Cultural/Global Understanding		9 units	79-280	Coffee and Capitalism
09-227 The Culture of Color: Dyes, Chemistry, and Sustainability	9		79-281	Introduction to Religion
57-173 Survey of Western Music History	9		79-283	Hungry World: Food and Famine in Global Perspective
57-306 World Music	9		79-343	Education, Democracy, and Civil Rights
70-100 Global Business	9		79-345	Roots of Rock & Roll
70-342 Managing Across Cultures	9		79-346	U.S. Political Films and Satire
76-221 Books You Should Have Read By Now	9		79-350	Early Christianity
76-239 Introduction to Film Studies	9		79-377	Food, Culture, and Power: A History of Eating
76-241 Introduction to Gender Studies	9		80-100	Introduction to Philosophy
76-386 Language & Culture	9		80-101	Dangerous Ideas in Science and Society
79-112 Introduction to Asian American History	9		80-130	Introduction to Ethics
79-145 Genocide and Weapons of Mass Destruction	9		80-180	Introduction to Linguistics
79-160 Introduction to the History of Science	9		80-246	Moral Psychology

		36 units
84-370	Nuclear Security & Arms Control	9
84-372	Space and National Security	9
84-373	International Law	9
84-380	US Grand Strategy	9
84-387	Remote Systems and the Cyber Domain in Conflict	9
84-389	Terrorism and Insurgency	9
84-390	Social Media, Technology, and Conflict	9
84-405	The Future of Warfare	9
85-350	Research Methods in Social Psychology	9
85-352	Evolutionary Psychology	9
88-221	Markets, Democracy, and Public Policy	9
88-234	Negotiation: International Focus	9
	<u>BXA Required Courses</u>	
	52-190 BXA Sem. I: Building the Wunderkammer (Spring Mini-3, First-year)	4.5
	52-291 BXA Sem. II: Transferring Knowledge (Spring Mini-4, Sophomore)	4.5
	52-392 BXA Sem. III: Deconstructing Disciplines (Spring Junior)	9
	52-401 BXA Sem. IV: Capstone Project Research (Fall, Senior)	9
	52-402 BXA Sem. V: Capstone Project Production (Spring, Senior)	9

BSA Free Electives**0-29 units (minimum)**

Take any Carnegie Mellon course. A maximum of 9 units of physical education and/or military science may be counted toward this requirement.