

BESA-Gen Ed Bachelor of Engineering Studies and Arts (BESA)

Fall 2023

BESA General Education (Gen Ed) Requirements

92 units (minimum)

University Requirement 3 units

99-101 Computing @ Carnegie Mellon 3

Writing 9 units

76-101 Interpretation and Argument 9

or 76-102 Advanced First Year Writing: Special Topics (invite only)

or choose two mini courses from the following list:

76-106 Writing about Literature, Art and Culture 4.5

76-107 Writing about Data 4.5

76-108 Writing about Public Problems 4.5

Mathematics 20 units

21-120 Differential and Integral Calculus 10

21-122 Integration and Approximation 10

Science and Technology 24 units

15-112 Fundamentals of Programming and Computer Science 12

33-141 Physics I for Engineering Students 12

BXA Required Courses 36 units

52-190 BXA Sem. I: Building the Wunderkammer (Fall Mini, Freshman) 4.5

52-291 BXA Sem. II: Transferring Knowledge (Spring Mini, 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