DUAL DEGREE: B.A. IN ART + DESIGN (from Butler University)
PLUS B.S. IN ENERGY ENGINEERING (from Purdue University)

- Engineering contact: Jessica McCormick, 317-940-9021, jrmccorm@butler.edu
- The B.A. degree in Art + Design requires 126 hours, of which 40 hours must be 300 or 400-level courses.
- The Dual Degree of Art + Design and Energy Engineering will fulfill the following Areas of Inquiry in the Butler University Core Curriculum: Perspectives of the Creative Arts, The Natural World, and Analytical Reasoning. In addition, the Dual Degree curriculum fulfills the Writing Across the Curriculum and Speaking Across the Curriculum requirements of the Butler University Core Curriculum; art majors are exempted from the Butler Cultural Requirement because of the performance attendance requirements for all JCA majors. The Indianapolis Community Requirement is NOT satisfied.

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<th>Semester 1</th>
<th>Semester 2</th>
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<tr>
<td>ART 105 Art History Survey 1</td>
<td>ART 205 Art History Survey 2</td>
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<tr>
<td>ART 107 Drawing 1</td>
<td>ART 210 Professional Practices</td>
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<td>CH 105 General Chemistry 1</td>
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<tr>
<td><strong>Math placement test required. There is the possibility that the student will need to take MA 101 (Algebra, 3 cr.) and/or MA 102 (Precalculus, 3 cr.) prior to MA 106 and MA 107.</strong></td>
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TOTAL Credit Hours: 18 18

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Fall 2019
REQUIRED ART COURSES:

ART 105      Art History Survey 1  3
ART 107      Drawing 1   3
ART 205      Art History Survey 2  3
ART 210      Professional Practices 3
ART 308      Graphic Design 1  3
ART 322      Painting 1   3
ART 411-C    Thesis            3
ART 451, 452, 453 Internship: Art + Design 3
JC 100,200, 300, 400 Arts Event Attendance (P/F) 0

ART Electives, chosen from:  18
ART 207, 307 Drawing 2, 3            3
ART 303/313/323 Photography 1, 2, 3           3
ART 304      Depiction            3
ART 305      Animation and Video 3
ART 306      Interactive           3
ART 311      Function             3
ART 312      Design: His and Theory 3
ART 314      Art Museum Studies    3
ART 315      Postmodernism in the Arts 3
ART 316      Modernism in the Arts 3
ART 317      Amer Art & Visual Culture 3
ART 318, 328 Graphic Design 2, 3      3
ART 319      World Hist of Photography 3
ART 320      Race, Gender, & Sexuality 3
ART 332, 342 Painting 2, 3            3
ART 360      Sculpture            3
ART 380, 381, 382 Special Topics in Art + Des 1, 2, 3
ART 401, 402, 403 Ind Study: Art + Design 1, 2, 3
ART 499      Honors Thesis        3

TOTAL                  42

BUTLER UNIVERSITY CORE CURRICULUM:

FYS 101, 102     First Year Seminar      3, 3
GHS ____     Global & Historical Studies     3, 3
TI ______     Texts and Ideas      3
PWB ____     Physical Well Being/Marching Band 1

TOTAL                  16

COURSES REQUIRED FOR THE ENERGY ENGINEERING DEGREE:

CH 105      General Chemistry 1       5
CH 106      General Chemistry 2       5
COM 101     Rhetoric & the Amer Dem Tradition 3
CS 142      Intro to Computer Sci & Prog 3
DD 190      Elementary Engineering Design 3
DD 297      MATLAB                    1
ECE 32100    Electromechanical Motion Devices 3
ECE 49500    Fundamentals of Electrical Energy 3
EEN 22000    Fund of Electrochem Mat & En Eng 3
EEN 22501    EEN Lab 1                  1
EEN 24000    Basic Engineering Mechanics 4
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**TOTAL** 126

*Students get credit for MA 106 if they receive a 4 or 5 on the Calculus AB AP exam; they receive credit for both MA 106 and MA 107 if they receive a 4 or 5 on the Calculus BC AP exam with a 4 or 5 on the AB subscore.*