IND ADVISING MATRIX - a representative 8 semesters

This guide accounts for prerequisites and the current portfolio requirement. The guide is for the advisor and the student to work out the student's specific needs. Transfer credits, the opportunity for summer and winterim classes, and course availability affect final schedules.

IND required courses:

1. ART 1141 -3 2D Design
   * IND 1450 -3 Technical Drawing and CAD
   Prerequisite for IND 3480

2. ART 1101 -3 3D Design
   * IND 1010 -3 Woods, Materials & Fabrication
   * IND 1250 -3 Metals, Materials & Fabrication
   * IND 1130 -3 Plastics, Materials & Fabrication
   Prerequisite for IND 3480

3. MTH 1210 -4 Intro to Statistics
   Communication (Within 30 hours)
   PHY 1000 -4 Intro to Physics
   Quantitative Literacy (Within 30 hours)
   ENG 1010 -3 Composing Arguments
   Written Communication (Within 30 hours)

4. ART 1501 -3 3D Design
   Pre or Corequisite
   IND 2450 -4 Beginning ID Studio
   P
   Gray: This is the Studio Sequence
   IND 3450 -4 Intermediate ID Studio
   Registration requires a successful 60 hour portfolio review (P)
   IND 2480 -3 Model Making
   Prerequisite: IND 1010 and IND 1130
   IND 2830 -3 Manufacturing M&P
   IND Electives (Required 12 credit hrs.)
   IND 2810 -3 Design & Tech: Global Perspectives
   Pre req: IND 1010, IND 1130
   IND 3100 -3 Advanced Plastics & Composites
   Prereq: IND 1130
   IND 2800 -3 Textiles, Materials & Fab
   Prereq: IND 1450, IND 1470
   IND 3050 -3 Advanced Sketching
   Prereq: IND 1470
   IND 3330 -3 Wood Furniture Design
   Prereq: IND 1010 or ART 1300
   IND 4410 -3 Surface modeling for ID
   Prereq: IND 3600
   IND 390 K -3 Bicycle Design & Fabrication
   Prereq: IND1010, IND1130, IND1250, IND1450, and IND1470
   IND 3901 -3 Human Factors
   Spring Only

5. IND 3660 -3 Computer Aided Modeling
   Prerequisite: IND 1450
   IND 3950 -3 History of ID
   IND 3680 -3 Interior Design
   Prereq: IND 1450, IND 1470
   IND 3800 -4 Design for Marketing and Manufacturing
   Prereq: IND 1450
   IND 3600 -3 Digital Visualization in ID
   Prereq: IND 1450

6. IND 4450 -4 Professional ID Studio
   Prereq: IND 1450, IND 1470
   IND 4960 -3 Professional Internship
   Prerequisite: All General Studies course requirements completed, and IND 4450

General Studies and Electives:

- CAS 1010 -3 Public Speaking
- ARTH 1700 -3 World Art II (ART1400-1900)
- PSY 1001 -3 Intro to Psychology
- MTH 1210 -4 Intro to Statistics
- PHY 1000 -4 Intro to Physics
- Written Communication (Within 30 hours)
- ENG 1020 -3 Freshman Comp
- Natural and Physical Science
- Average of 3.0 in General Studies courses
- ARTH 1500 -3 Art and Visual Literacy
- Arts and Humanities
- Arts and Humanities with Global designation
- ATH 1700 -3 World Art II (ART1400-1900)
- Natural and Physical Science
- Social and Behavioral Science II
- Historical
- Social and Behavioral Science I
- Biology

Note:
- IND 3660, IND 3950, PSY 1001, PSY 4410
- These four courses can be taken before portfolio review - see student's advisor
- ID requirements fill all General Studies except this group. See "ID Electives" also
- Include a multi-cultural course - separate graduation requirement may be fulfilled by courses in those categories.

University approved General Studies courses can be found at http://catalog.msudenver.edu/preview_program.php?catoid=13&poid=2473#GS_Courses

16 hours 16 hours 16 hours 13 hours 16 hours 14 hours 16 hours 13 hours