

# Industrial Design, B.S.

303-556-2916 Boulder Creek Building 124  
College of Professional Studies

Catalog 15-16

This sheet applies to the 2015-2016 catalog *only*. It does not replace the full catalog or departmental advising sheets as official statements of requirements. Students with declared majors *must* work with a faculty advisor on course selection and sequencing to ensure a timely graduation.

General Studies	35 min.
Major courses	73
IND Electives	12
<b>Total to graduate (min. 40 upper division hours)</b>	<b>120</b>

Students who have reached junior standing (60 hrs) should request a CAPP (graduation compliance report) and review it with a faculty advisor.

## **\*TO BE COMPLETED WITHIN FIRST 30-CREDIT HOURS AT MSU DENVER**

### Written Communication

\_\_\_ **ENG 1010 (3 hrs) Composing Arguments\***

**OR** ENG 1008/1009 (6 hrs) Intro to Composition I and II\*

\_\_\_ ENG 1020 (3 hrs) Freshman Comp: Anly, Rsrch, & Documt. (must be completed within 45-credit hours)

### Oral Communication\*

\_\_\_ **SPE 1010 (3 hrs) Public Speaking**

### Quantitative Literacy\*

\_\_\_ **MTH 1210 (4 hrs) Introduction to Statistics**

### Arts & Humanities

\_\_\_ ARTH 1500 (3 hrs) Art and Visual Literacy

\_\_\_ ARTH 1700 (3 hrs) World Art II: Art 1400-1900\*\*

### Historical

\_\_\_ (3hrs)

### Natural & Physical Sciences

\_\_\_ PHY 1000 (4 hrs) Introduction to Physics

\_\_\_ (3 hrs)

### Social & Behavioral Science I

\_\_\_ (3 hrs)

### Social & Behavioral Science II

\_\_\_ PSY 1001 (3 hrs) Introductory Psychology

### Global Diversity

\_\_\_ ARTH 1700 World Art II: Art 1400-1900 (required in Arts & Humanities)

\*\*The prerequisite for this course, ARTH 1600-World Art I, is waived for IND majors. IND majors must see the Art department to enroll in this course. Do not take ARTH 1600, World Art I.

## **MAJOR COURSES:** (Please see a faculty advisor in IND)

\_\_\_ **ART 1101 (3 hrs) Studio Foundations: 2D**

\_\_\_ **ART 1141 (3 hrs) Drawing I: Black and White**

\_\_\_ ART 1501 (3 hrs) Studio Dimensions: 3D

\_\_\_ **IND 1000 (1 hr) Introduction to Industrial Design**

\_\_\_ **IND 1010 (3 hrs) Woods: Materials and Fabrication**

\_\_\_ **IND 1130 (3 hrs) Plastics: Materials and Fabrication**

\_\_\_ **IND 1250 (3 hrs) Metals: Materials and Fabrication**

\_\_\_ **IND 1450 (3 hrs) Technical Drawing and CAD**

\_\_\_ **IND 1470 (3 hrs) Design Drawing Techniques**

\_\_\_ IND 2100 (3 hrs) Digital Composition

\_\_\_ IND 2450 (4 hrs) Beginning Industrial Design Studio

\_\_\_ IND 2830 (3 hrs) Manufacturing Materials and Processes

\_\_\_ IND 3450 (4 hrs) Intermediate Industrial Design Studio

\_\_\_ IND 3480 (3 hrs) Industrial Design Model Making

\_\_\_ IND 3600 (3 hrs) Digital Visualization Techniques in ID

\_\_\_ IND 3660 (3 hrs) Computer Aided Modeling

\_\_\_ IND 3800 (4 hrs) Design for Marketability and Manufacturing

\_\_\_ IND 3950 (3 hrs) History of Industrial Design

\_\_\_ IND 4450 (4 hrs) Advanced Industrial Design Studio

\_\_\_ IND 4460 (4 hrs) Professional Industrial Design Studio

\_\_\_ IND 4540 (4 hrs) Concept and Portfolio Development

\_\_\_ IND 4960 (3 hrs) Professional Internship (Sr. Exp.)

\_\_\_ PSY 4410 (3 hrs) Human Factors Engineering

**IND Electives: Students choose 12 semester hours of elective courses in consultation with an IND faculty advisor.**

\_\_\_ **Multicultural Requirement** may be satisfied within General Studies or electives

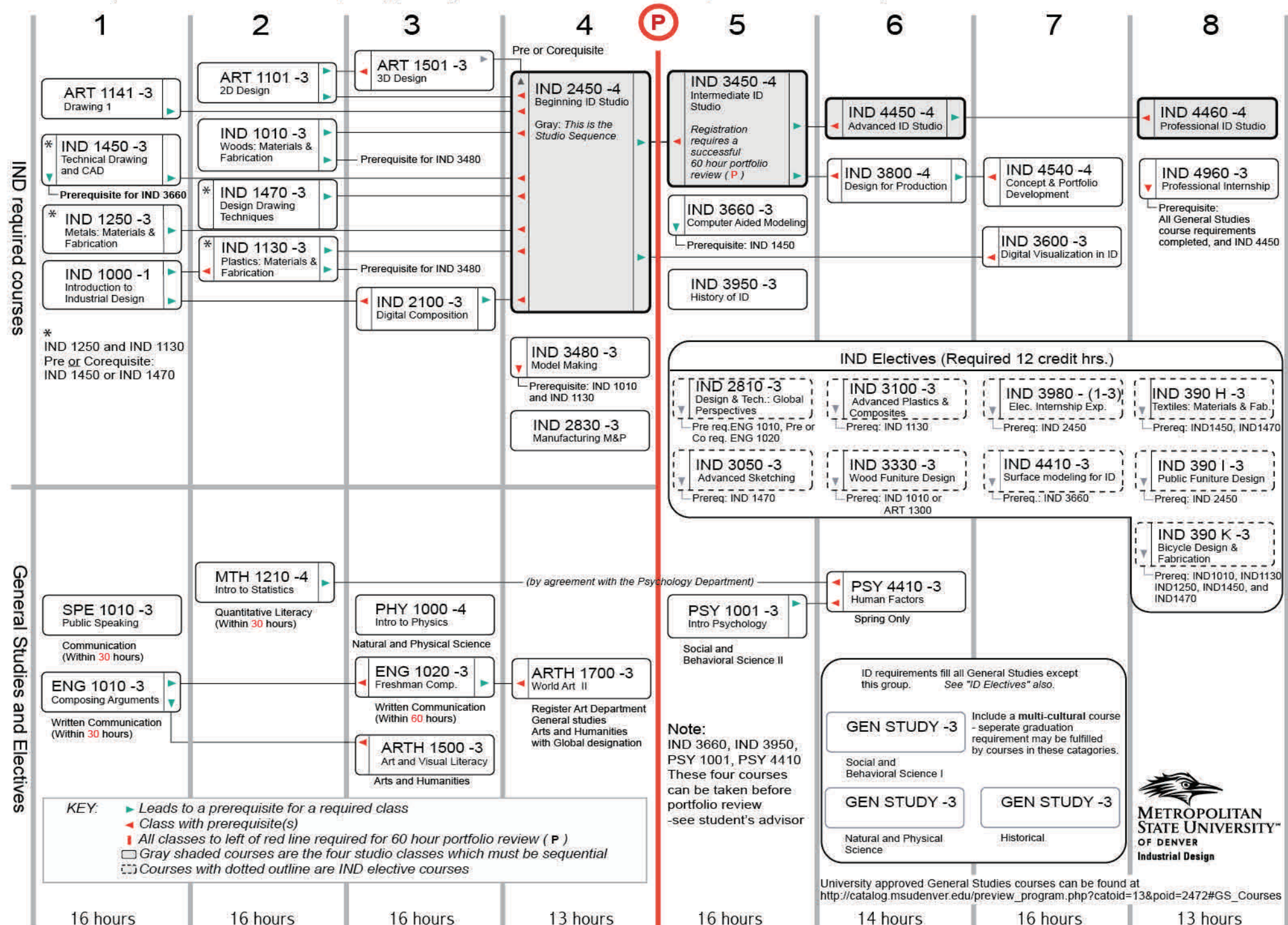
## **ELECTIVES**

# IND ADVISING MATRIX - a representative 8 semesters

Revised date: March 18, 2014

# 14-15

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.



**Note:**  
IND 3660, IND 3950, PSY 1001, PSY 4410  
These four courses can be taken before portfolio review -see student's advisor

IND requirements fill all General Studies except this group. See "ID Electives" also.

GEN STUDY -3 Social and Behavioral Science I	GEN STUDY -3 Natural and Physical Science	GEN STUDY -3 Historical
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Include a multi-cultural course - separate graduation requirement may be fulfilled by courses in these categories.



University approved General Studies courses can be found at [http://catalog.msudenver.edu/preview\\_program.php?catoid=13&pooid=2472#GS\\_Courses](http://catalog.msudenver.edu/preview_program.php?catoid=13&pooid=2472#GS_Courses)