Biological/Pre-Medical Illustration (BPM I)

Courses primarily for undergraduates:

BPM I 323: Scientific Illustration Principles and Techniques
(Cross-listed with ARTIS). (0-6) Cr. 3. Repeatable.
Prereq: 6 credits in art and design and 3 credits in biological sciences
Studio basics and professional techniques in black & white, continuous
tone, and color. Emphasis on tools, materials, and rendering.

BPM I 326: Illustration and Illustration Software
(Cross-listed with ARTIS). (0-6) Cr. 3. Repeatable.
Prereq: ARTIS 323
Application of painting, drawing, and image making techniques to
communication. Development of technical abilities using illustration
software. Digital and print production techniques.

BPM I 327: Illustration as Communication
(Cross-listed with ARTIS). (0-6) Cr. 3.
Prereq: ARTIS 326
Studio problems in illustration emphasizing composition and
communication. Problem solving methodologies.

BPM I 337: Application of Scientific Illustration Techniques
(Cross-listed with ARTIS). (0-6) Cr. 3. Repeatable, maximum of 6 credits.
Prereq: ARTIS 327
Rendering techniques applied to different types of biological and
scientific subjects emphasizing communication. The use of traditional
and digital media. Term project required.

BPM I 395: Field Illustration
Cr. 1-3. Repeatable, maximum of 6 credits. S.S.S.
Prereq: Permission of instructor
A combination seminar and field trip course emphasizing nature
interpretation, field sketching techniques and preparation of a final
illustration based on field experience.

BPM I 398: Cooperative Education
Cr. R. F.S.S.
Prereq: Permission of the program cooperative education coordinator, junior
classification
Required of all cooperative education students. Students must register
for these courses prior to commencing each work period.

BPM I 435I: Illustrating Nature I Sketching
(Cross-listed with IALL). Cr. 2. SS.
Sketching plants, animals and terrain. Visual communication,
development of a personal style, and integration of typographic and
visual elements on a page will be emphasized.

BPM I 436I: Illustrating Nature II Photography
(Cross-listed with IALL). Cr. 2. SS.
Beginning to intermediate technical and compositional aspects of color
photography of natural areas and their plants and animals.

BPM I 490: Independent Study
Cr. 1-3. Repeatable, maximum of 3 credits.
Prereq: Written approval of instructor and advisory committee chair on
required form in advance of semester of enrollment

BPM I 494: Special Topics in Illustration
Cr. 1-3. Repeatable.
Intensive exploration of illustration techniques in a studio or field setting.

BPM I 497: Illustration Internship
Cr. 1-6. Repeatable, maximum of 6 credits.
Prereq: Junior or senior classification in BPM I, written approval of
supervising instructor and advisory committee chair on required form in
advance of semester of enrollment
Offered on a satisfactory-fail basis only.