

Individual Plan of Study in Entomology (2017)

Students interested in majoring in Entomology should contact Prof. May Berenbaum (e-mail: maybe@life.illinois.edu, 217-333-7784; 320 Morrill Hall) as to the concept and structure of the Individual Plan of Study in Entomology and the process of applying to the Individual Plans of Study Program (<http://www.las.illinois.edu/students/programs/majors/ips/>) . Each Entomology IPS is constructed individually in consultation with Professor Berenbaum to meet the specific interests and needs of the student major.

EXAMPLE:

Course	Hours
<i>Two semesters introductory biology</i>	
MCB150 Molecular & Cellular Basis of Life	4
IB 150 Organismal & Evolutionary Biology	4
<i>One chemistry course</i>	
Chem 102 - 105 General Chemistry	8
Chem 232 & 233 Elementary Organic Chemistry/Lab	5
CPSC 382 Organic Chemistry of Biological Processes	4
<i>Entomology core</i>	
IB 401 Introduction to Entomology	4
IB 468 Insect Classification	4
IB 444 Insect Ecology	4
IB 482 Fundamentals of Insect Pest Management	4
IB 427 Insect Physiology	4
<i>Other entomology-related courses (choose 3 or 4 among many)</i>	
IB 361 Ecology and Human Health	3
IB 411 Bioinspiration	3
IB 430 Animal Behavior Lab	4
IB 481 Vector-borne Diseases	4
IB 485 Environmental Toxicology	3
IB 486 Pesticide Toxicology	3 or 4
<i>One statistics course</i>	
STAT 100 Statistics or CPSC241 Intro to Applied Statistics	3 or 4
<i>Independent research</i>	
IB 290 Independent Research: (Independent research in an entomology faculty member's laboratory)	5
<i>Choices among electives outside LAS (representative examples) or graduate-level entomology:</i>	
IB504 Genomic Analysis of Insects	4
CPSC 270 Applied Entomology	3
CPSC Integrated Pest Management	3
CPSC 473 Management of Field Crop Insects	3
HORT 360 Vegetable Crop Production	3
NRES 362 Ecology of Invasive Species	3
NRES 219 Principles of Ecosystem Management	3
PLPA 204 Introductory Plant Pathology	3
PATH 394 Pathobiology	3
PATH 460 Biology of Emerging Infectious Diseases	3

Individual Plans of Study (IPS) (taken directly from <http://catalog.illinois.edu/undergraduate/las/indiv-plans/>)

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2002 Lincoln Hall, 702 S. Wright St., Urbana, IL 61801

<http://www.las.illinois.edu/students/programs/majors/ips/>

For the Degree of Bachelor of Arts in Liberal Arts and Sciences, or Bachelor of Science in Liberal Arts and Sciences Major in Sciences and Letters Curriculum E-mail: las-ips@illinois.edu

Minimum required major and supporting course work normally equates to 51-70 hours.

General education: Students must complete the [Campus General Education](#) requirements including the campus general education language requirement.

Twelve hours of 300- and 400-level courses in the major must be taken on this campus.

A Major Plan of Study Form must be completed and submitted to the LAS Student Academic Affairs Office before the end of the fifth semester (60-75 hours). Please see your adviser.

Minimum hours required for graduation: 120 hours

Departmental distinction: To graduate with distinction, a student must

1. have a cumulative grade point average of at least 3.25 and
2. successfully complete a project that has been approved by the IPS advisory committee.

Further information on requirements for graduation with distinction may be obtained from the secretary of the IPS advisory committee.

To encourage the growth of new academic disciplines, the college [LAS] sponsors the experimental major-the Individual Plans of Study program. IPS allows the student to create an original major more appropriate for the individual's educational needs and characterized by a unique pattern of upper-level courses with a new academic direction. Recent IPS students have successfully pursued such innovative majors as Cinematography, Entomology, Neuroscience, Meteorology, and Middle Eastern Studies.

The development of an IPS program begins with the student's perception that a more appropriate field of study could exist beyond the present majors. Consultation with the secretary of the IPS advisory committee and with faculty members in related fields will soon establish whether an original major is appropriate. Then, with the cooperation of one or more faculty members who consent to serve as advisers for this IPS program, an IPS major is planned and justified as carefully as if this were a departmental major.

Once an IPS program is formulated, the student and adviser make formal application to the IPS advisory committee, which evaluates and decides whether a proposed IPS program is appropriate for the aims of both the student and the college. The IPS Advisory Committee and the college will determine whether BA or BS is appropriate for the proposed program of study. Students interested in IPS are encouraged to inquire as early as possible in the sophomore year. In all cases, IPS programs must be initiated and approved before the end of the student's junior year. If program innovation sounds challenging and attractive, additional information is available at the LAS Student Academic Affairs Office, 2002 Lincoln Hall.