College of Agriculture & Life Sciences

Entomology Minor Checklist, 2022-2023

18 Total Units, 2.0 Minimum GPA
9 Upper-Division Units
6 Units Allowed of Transfer Units

Required Insect Biology (3 Units)
Required Prerequisites: MCB 181 & ECOL 182

___ **ENTO 415R:** Insect Biology

Research or Education (3 Units)

___ **ENTO 392, 492:** Directed Research
OR
___ **ENTO 299, 299H, 399, 499, 499H:** Independent Study
OR
___ **ENTO 498H, 498:** Honors Thesis, Senior Capstone
OR
___ **ENTO 393, 493:** Internship
OR
___ **ENTO 391, 391H, 491, 491H:** Preceptorship
OR
___ **ENTO 407:** Insect Discovery

Electives (12 Units)
All Courses 3 Units Unless Otherwise Noted

___ ****ENTO 160D1:** How Insects Shaped Human History
___ ****ENTO 170C2:** How Insects Conquered Earth
___ **ENTO 300:** Integrated Pest Management for Desert Cropping (Yuma Campus Only)
___ **ENTO 401:** Ecological Physiology
___ **ENTO 407:** Insect Discovery
___ ***ENTO 417:** Insect Systematics
___ **ENTO 432:** Comparative Immunology
___ **ENTO 436:** Agro Ecology
___ **ENTO 457:** Medical-Veterinary Entomology
___ **ENTO 468:** Integrated Pest Management
___ **ENTO 403R:** Biology Animal Parasites
___ **ENTO 497C:** Greenhouse Pest Management
___ ***ENTO 405:** Aquatic Entomology

*4 Units
** Can Double Dip with General Education Requirements
ENTO 407 can be used for Elective Credit OR Research/Education Credit, **NOT BOTH**

Entomology Certificate Checklist, 2022-2023

12 Total Units, 3.0 Minimum GPA
6 Upper-Division Units
6 Units Allowed of Transfer Credit

Required Insect Biology (3 Units)
Required Prerequisites: MCB 181 & ECOL 182

___ **ENTO 415R:** Insect Biology

Electives & Research (9 Units)
All Courses 3 Units Unless Otherwise Noted

___ **ENTO 160D1:** How Insects Shaped Human History
___ **ENTO 170C2:** How Insects Conquered Earth
___ **ENTO 300:** Integrated Pest Management for Desert Cropping (Yuma Campus Only)
___ **ENTO 401:** Ecological Physiology
___ **ENTO 407:** Insect Discovery
___ ***ENTO 417:** Insect Systematics
___ **ENTO 432:** Comparative Immunology
___ **ENTO 436:** Agro Ecology
___ **ENTO 457:** Medical-Veterinary Entomology
___ **ENTO 468:** Integrated Pest Management
___ **ENTO 403R:** Biology Animal Parasites
___ **ENTO 497C:** Greenhouse Pest Management
___ ***ENTO 405:** Aquatic Entomology
___ ****ENTO 392, 492:** Directed Research
___ ****ENTO 499, 499H:** Independent Study

*4 Units
**1-3 Units

ENTO 160D1 & ENTO 170C2 can only be used for certificate if they are not being used to fulfill General Education requirements
NO MORE THAN 4 UNITS of **ENTO 392, 492, 499, or 499H** may be used to fulfill certificate requirements