

2024 - 2025 Certificate Map

Evolutionary Medicine

School/College: [The College of Liberal Arts and Sciences](#)

Location: [Tempe](#)

Program Requirements

The certificate in evolutionary medicine consists of 15 credit hours, at least 12 of which must be upper division. All 15 credit hours must be completed at ASU. A grade of "C" (2.00 on a 4.00 scale) or higher is required for all courses used toward the certificate.

Required Courses -- 6 credit hours

[ASM 403 / BIO 403: Evolutionary Medicine and Global Health](#) (3)

[BIO 408 / ASB 408: Advanced Evolutionary Medicine](#) (3)

Electives (choose three) -- 9 credit hours

A minimum of six credit hours of electives must be upper division.

[ASB 250 / BIO 250: Introduction to Evolution and Medicine \(SOBE OR SB & G\)](#) (3)

[ASB 448 / BIO 448: Maternal and Child Health](#) (3)

[ASB 462: Medical Anthropology: Culture and Health \(SOBE OR SB & C\)](#) (3)

[ASM 246: Human Origins \(SOBE OR SB\)](#) (3)

[ASM 342 / BIO 327: Evolution of Human Behavior](#) (3)

[ASM 345: Disease and Human Evolution](#) (3)

[ASM 394 / BIO 394: Ecology and Evolution of Infectious Diseases](#) (3)

[ASM 401: Health and Human Biology](#) (3)

[ASM 446 / BIO 446: Principles of Human Genetics \(L\)](#) (3)

[ASM 456: Infectious Disease and Human Evolution](#) (3)

[ASM 494 / BIO 494: Evolution and Mental Disorders](#) (3)

[BIO 302: Cancer--Mother of All Diseases \(L\)](#) (3)

[BIO 318 / HPS 331: History of Medicine \(HUAD OR HU & H\)](#) (3)

[BIO 345: Evolution](#) (3)

[BIO 394 / PSY 394: Introduction to Evolutionary Psychology](#) (3)

[BIO 440 / MBB 440: Functional Genomics](#) (3)

[BIO 462: Endocrine Physiology](#) (3)

[MBB 445 / MIC 445: Techniques in Molecular Biology/Genetics](#) (3)

[MIC 205: Microbiology \(SCIT OR SG\)](#) or [MIC 220: Biology of Microorganisms](#) (3)

[MIC 314: HIV/AIDS: Science, Behavior, and Society](#) (3)

MIC 425: Advanced Immunology (3)

Prerequisite courses may be needed in order to complete the requirements of this certificate.