

Neural Computation and Engineering Minor

PREREQUISITES

Biology

BIOL 180/200/220
or
BIOL 240 (S)
or
BIOL 130 (Sp)

BIOL 350 or BIOL 355

Math

- MATH 125
- MATH 126
- MATH 308
or
AMATH 352
or
AMATH 301

MATH 307 or AMATH 351

Engineering

- CSE 143
- CSE 311
- CSE 312
- CSE 331
- CSE 332
- CSE 351
- CSE 373

Psychology

- PSYCH 101
- PSYCH 202
- PSYCH 209
- PSYCH 322

Prereqs are NOT required for enrollment in the minor, but will be required to complete the coursework. Shaded prereqs are only required for elective courses.

Prereqs do NOT count towards the minor's credit requirements.

REQUIRED

Math and Biology

- AMATH 342 (W)
- BIOEN 460 (A)
- NBIO 405 (Sp) or NBIO 301/302 (W/A)
- BIOEN 461 (W)
- PBIO 545 (W, replace BIOEN 461 with director approval)

Philosophy

- PHIL 442
or
PHIL 242
or
PHIL 490

ELECTIVES (12 credits)

Biology

- BIOL 459 (Sp)
- BIOL 461 (W)
- NBIO 401
- NBIO 402
- NBIO 403
- NBIO 404
- NBIO 450
- NBIO 490

Applied Math

- AMATH 422
- AMATH 482

Computer Science

- CSE 415
- CSE 428*
- CSE 440*
- CSE 446*
- CSE 473*
- CSE 484*
- CSE 486*/BIOEN 423
- CSE 490a, ab, and t*

*CSE majors only, non-majors may petition for permission to take the course

Psychology

- PSYCH 420
- PSYCH 421
- PSYCH 428
- PSYCH 429
- PSYCH 460