

Palomar College Catalog 2009-2010

Biology (BIOL)

Contact the Life Sciences Department for further information.
(760) 744-1150, ext. 2275
Office: NS-207A

Associate in Arts Degrees -

AA Degree requirements are listed in Section 6 (green pages).

- Biology - General
- Biology - Preprofessional

Certificates of Achievement -

Certificate of Achievement requirements are listed in Section 6 (green pages).

- Biology - General
- Biology - Preprofessional

PROGRAMS OF STUDY

Biology – General

A.A. DEGREE MAJOR OR CERTIFICATE OF ACHIEVEMENT

Program Requirements	Units
BIOL 200 Foundations of Biology I	5
BIOL 201 Foundations of Biology II	5
ZOO 100 or General Zoology	
ZOO 101/101L Animal Kingdom	4
Group One (Select 3-4 units)	
BOT 101/101L General Botany	4
BOT 110 Botany of Spring Wildflowers	4
BOT 115 Plants and People	3
Group Two (Select 4-5 units)	
BIOL 114/114L Ecosystem Biology	4.5-5
BIOL 118/118L General Ecology	4
BIOL 130 or Marine Biology	
BIOL 131/131L Marine Biology	4
ZOO 115 or Natural History of Animal Life	
ZOO 116/116L Natural History of Animal Life	4
Group Three (Select 9-11 units)	
Biology Any course not used above (100 and up)	
Botany Any course not used above	
Microbiology Any course	
Zoology Any course not used above	

MINIMUM TOTAL UNITS 32

Recommended Electives: BIOL 215; CHEM 100, 110, 110L, 115, 115L; MATH 110, 115, 135; CSIT 105

Biology-Preprofessional

Provides intensive lower division preparation for pursuing advanced studies in biological science, premedical, pre dental, or preveterinarian programs leading towards a Bachelor's degree and beyond.

Students are advised to consult catalogs of the institution to which they plan to apply to determine special or additional requirements, or see a Palomar College Counselor.

A.A. DEGREE MAJOR OR CERTIFICATE OF ACHIEVEMENT

Program Requirements	Units
BIOL 200 Foundations of Biology I	5
BIOL 201 Foundations of Biology II	5
CHEM 110/110L General Chemistry and Laboratory	5
CHEM 115/115L General Chemistry and Laboratory	5

CHEM 220	Organic Chemistry	5
CHEM 221	Organic Chemistry	5
MATH 140	Calculus/Analytic Geometry, First Course	5
MATH 141	Calculus/Analytic Geometry, Second Course	4

TOTAL UNITS 39

Recommended Electives: BIOL 215; MATH 205; PHYS 230, 231, 232; ZOO 203