

Biology for Transfer – Biology AS-T

AD-T Degree (Associate Degree for Transfer) • Program Total Units: 61



SOLANO
COMMUNITY COLLEGE

BIOLOGY FOR TRANSFER
School of Math and Science
Department: Biological Science
Discipline: Biological Science
Program Award: AS-T

This program has been designed to transfer to a 4 year college as a Biology major.

Students graduating with a Biology major might pursue a career with a professional degree (MD, OD, DDS, DPharm) or in the field of biotechnology.

RESOURCES FOR SUCCESS

- ▶ These classes have extensive laboratories, and the laboratory components must be supported. Math and chemistry support/tutoring is probably the greatest contributor to success.
- ▶ Background in mathematics likely plays a major role in students' success

IMPORTANT TRANSFER INFORMATION

- ▶ **Counselors need to know that the requirements to transfer to UC and to CSU (with this AD-T) are entirely different.** The CSU prefers that the student complete physics, rather than organic chemistry. The UC prefers that the student complete organic chemistry, rather than physics. It is easier to transfer a year of biology from a single school (for Solano College its BIO 002 and BIO 003) rather than piecing it together from different schools. Many UCs demand MATH 020 rather than MATH 030, therefore the biology faculty recommend MATH 020 rather than MATH 030.
- ▶ **Additional courses OR an alternate sequence to consider for transfer to UC:**
 - There are patterns of note for local UCs (e.g. UC Davis) for this program.
 - UC transfer is better served by the Biology AS degree.
- ▶ **Deans need to know to schedule class options so Biology majors can take multiple science and math classes together.** That is, BIO 002 and BIO 003 should not be scheduled at the same time as Calculus, CHEM 002, CHEM 003 or CHEM 004 or physics.

1 FIRST SEMESTER 1-15 UNITS

Total Recommended Units: 15

CHEM 001 5 units
Name of class

MATH 020 5 units
Name of class

ENGL 001 4 units
Name of class

LR 010 1 units
Name of class

2 SECOND SEMESTER 16-30 UNITS

Total Recommended Units: 16

CHEM 002 5 units
Name of class

BIO 002 5 units
Name of class

GE 3 units
Name of class

GE 3 units
Name of class

3 THIRD SEMESTER 31-45 UNITS

Total Recommended Units: 16

PHYS 002 or PHYS 006 5 units
Name of class

*PHYS 006 for UC transfer

BIO 003 5 units
Name of class
**It's best to take BIO 002 and BIO 003 at the same institution.*

GE 3 units
Name of class

GE 3 units
Name of class

4 FOURTH SEMESTER 46-60 UNITS

Total Recommended Units: 14

PHYS 004 or PHYS 007 5 units
Name of class

*PHYS 007 for UC transfer

GE 3 units
Name of class

GE 3 units
Name of class

GE 3 units
Name of class

■ Math ■ Science ■ English ■ LR ■ GE

*Please note: any transferable course in math serves this program Edited 11/2018