

D. Cognate Requirements: 34-35 11-12 credits

CHE 111- General Chem I ✓
CHE 212- General Chem II ✓

Select **one** sequence from the following:

Sequence 1

CHE 331- Organic Chem ✓
CHE 332- Organic Chem ✓

Sequence 2

CHE 230 & 230Lab- Intro Organic Chem
CHE 360 & 360Lab- Intro Biochem

Select **one** sequence from the following:

Sequence 1

PHY 111- College Physics I
PHY 212- College Physics II

Sequence 2

PHY 112- General University Physics I
PHY 213- General University Physics II

Take **three** Math courses:

A. MAT 179- Measuring Life ✓
B. MAT 210- Calculus I ✓

and

C. MAT 220- Calculus II **or** MAT 258- Intro to Statistics

A.P. Credit may be accepted for a math course equivalent.
Check with your advisor for further details.

**If a Biology B.A. or B.S. interest you, please refer to the
Dutchess Biology A.S. - SUNY Oswego B.A. and B.S.**

GRADUATION REQUIREMENTS

All students graduating from SUNY Oswego
must have:

- ✓ A minimum GPA of 2.0 for graduation (in major & cumulative)
- ✓ A minimum of **120** hours for degree purposes
- ✓ 42 credits of upper division work (300-400 level) from Oswego
- ✓ Maximum transfer credits of **60** from community college
- ✓ At least ½ of major credits taken at Oswego

**Contact the following offices at SUNY Oswego for
specific transfer information:**

Transfer Services Coordinator

Corie Kohlbach
183 Marano Campus Center
315-312-3638
corie.kohlbach@oswego.edu

Transfer Success Advisors

Rosemarie Puppardo
315-312-4951
rpuppardo@oswego.edu

Scott Cunningham

315-312-2058
scott.cunningham@oswego.edu

**Biological Sciences
Advisement Coordinator**

Lisa Brancato
397 Shineman Science Center
315-312-2021
lisa.brancato@oswego.edu

Transfer Center

170 Marano Campus Center
<https://www.oswego.edu/transfer-services/>

Information in this passport may change without
notice. Students must complete all current SUNY
Oswego program requirements in order to graduate.

"The contents of this passport were developed under
grant P116F140327 from the U.S. Department of
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necessarily represent the policy of the U.S.
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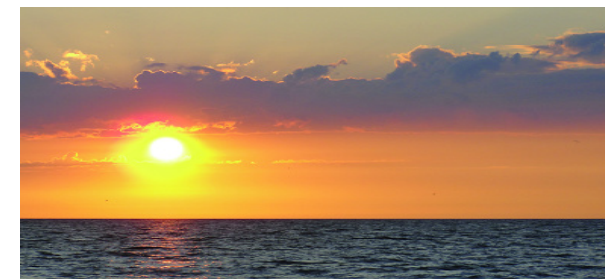
DUTCHESS
COMMUNITY COLLEGE

Dutchess Community College:
Liberal Arts & Sciences
◇Science A.S. - Biology

*Passport to
Oswego*



SUNY Oswego:
◇Zoology B.S.



STEPS FOR EFFICIENT TRANSFER

1. Print out current degree plan.
2. Check off the courses you have completed.
3. Schedule a meeting with a Transfer Success Advisor at DCC.
4. Make sure your remaining DCC courses meet Oswego Course Equivalents. (Consult the course equivalency table in this passport)
5. **Complete SUNY Gen Ed Requirements at DCC to be exempt from Gen Ed at Oswego! (See below for more information, or speak with an advisor)**
6. Apply to SUNY Oswego as you near the completion of your CC degree, and speak with a Transfer Success Advisor.
7. **Complete your DCC degree.**

Contact the following offices at DCC for specific transfer information:

Academic Coaching & Transfer Center

301 Orcutt Student Services Center
845-431-8600
Fax: 845-431-8046

Department Head of Allied Health and Biological Sciences

Karen Ingham
310 Washington Hall
845-431-8321
ingham@sunydutchess.edu

Coordinator of Transfer Services

Roza Makhmudova
Academic Coaching & Transfer Center
301 Orcutt Student Services Center
845 431-8695
roza.makhmudova@sunydutchess.edu

GENERAL EDUCATION INFORMATION

- ✓ Students who have **not** completed the SUNY Gen Ed Requirements must complete Oswego's Gen Ed program.
- ✓ Some courses taken at 2-year school will **not transfer as upper division credit at Oswego.**
- ✓ Several courses may be given equivalencies only as lower division credit.

Below are the recommended courses students should take at DCC with their SUNY Oswego equivalencies.

Dutchess CC Courses		Oswego Course Equivalents
First Year: 32 cr.		
ENG 101-Composition I	(3 cr.)	ENG 102
ENG 102- Composition II	(3 cr.)	ENG 204
SCI 100- Sci. Intro Seminar	(1 cr.)	Transfer Credit
American History*	(3 cr.)	Check note
BHS 103-Social Problems	(3 cr.)	Transfer Credit
Science (BIO 105)	(4 cr.)	(BIO 120)
Science (BIO 106)	(4 cr.)	(BIO 220)
Math (MAT 221)	(4 cr.)	(MAT 210)
Elective (CHE 121)	(4 cr.)	(CHE 111)
Elective (MAT 118)	(3 cr.)	(MAT 158€)
Second Year: 31-33 cr.		
Science Elective (CHE 122)	(4 cr.)	(CHE 212)
Science Elective (CHE 231)	(4 cr.)	(CHE 331)
Free Elective (CHE 232)	(4 cr.)	(CHE 332)
Elective (BIO 205 & BIO 207)	(8 cr.)	(BIO 315 & BIO 310)
Humanities Elective∅	(3 cr.)	Transfer Credit
Social Science Elective (PSY 111)	(3 cr.)	(PSY 100)
WFE 101- Wellness & Fitness	(3 cr.)	Transfer Credit
Gen Ed. Elective∅	(3-4 cr.)	Transfer Credit

Courses in () are recommended electives.

*American History Electives are HIS 103, HIS 104 and GOV 121. All have Course equivalents. Check with your advisor on which course to take.

€ MAT 158 may count as MAT 179. This course may be accepted with a waiver form signed off by an Oswego advisor.

∅Check with your advisor on which courses to take for the humanities elective and general education elective.

Courses filled at DCC ✓

Zoology B.S. 78-79 40-41 credits

A. Core Requirements: 12 1 credits

BIO 110 - Biology Seminar
BIO 120 - Molecular & Cellular Foundations ✓
BIO 220- Diversity of Life✓
BIO 315-Genetics ✓
BIO 316 - Laboratory in Genetics ✓

B. Capstone Requirements: 6 credits

BIO 425 - Evolution
BIO 492 - Research

C. Electives: 26 22 credits

Area A. Animal Electives--Select three from the following:

BIO 325 - Behavioral Biology
ZOO 330 - Invertebrate Zoology
ZOO 340 - Vertebrate Zoology
ZOO 360 - Animal Physiology
ZOO 370 - Comparative Anatomy
ZOO 373 - Animal Development
ZOO 375 - Entomology
ZOO 376 - Ornithology (Bio of Birds)
ZOO 378 - Aquatic Entomology
ZOO 384 - Mammalogy
ZOO 387 - Herpetology
ZOO 440 - Ichthyology (Bio of Fishes)

Area B. Biodiversity Electives--Select one from the following:

BIO 310 - Microbiology ✓
BIO 340 - The Plant Kingdom
BIO 342 - Fungal Biology

Area C. Ecology Electives--Select one from the following:

BIO 320 - Introductory Ecology
BIO 358 - Plant Ecology
BIO 420 - Wetland Ecology
BIO 421 - Winter Ecology
ZOO 389 - Animal Ecology
ZOO 405 - Limnology

Free Electives in Department: 6-11 credits*

*Elective courses in Biological Sciences may include CHE 461 and 462; excluded courses are BIO 101, 203, 207, 211 and 492. BIO370 and ZOO 330 cannot both be used as an elective.

Graduate Requirements: 8-9 credits

8-9 upper division credits (based on elective courses)

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