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. MAT179- Measuring Life √
B. MAT210- Calculus I √
  and
C. MAT220- Calculus II or MAT258- 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.

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

Dutchess Community College:
Liberal Arts & Sciences
◊Zoology B.S.

PASSPORT TO OSWEGO

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
Cori Kohlbach
183 Marano Campus Center
315-312-3638
cori.kohlbach@oswego.edu

Transfer Success Advisors
Rosemarie Pupparo
315-312-4951
rpupparo@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 Education. However, those contents do not necessarily represent the policy of the U.S. Department of Education, and you should not assume endorsement by the Federal Government."

FALL 2017
Below are the recommended courses students should take at DCC with their SUNY Oswego equivalencies.

### Dutchess CC Courses

<table>
<thead>
<tr>
<th>First Year: 32 cr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 101-Composition I (3 cr.)</td>
</tr>
<tr>
<td>ENG 102-Composition II (3 cr.)</td>
</tr>
<tr>
<td>SCI 100-Sci. Intro Seminar (1 cr.)</td>
</tr>
<tr>
<td>American History* (3 cr.)</td>
</tr>
<tr>
<td>BHS 103-Social Problems (3 cr.)</td>
</tr>
<tr>
<td>Science (BO 105) (4 cr.)</td>
</tr>
<tr>
<td>Science (BO 106) (4 cr.)</td>
</tr>
<tr>
<td>Math (MAT 221) (4 cr.)</td>
</tr>
<tr>
<td>Elective (CHE 121) (4 cr.)</td>
</tr>
<tr>
<td>Elective (MAT 118) (3 cr.)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Second Year: 31-33 cr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Science Elective (CHE 122) (4 cr.)</td>
</tr>
<tr>
<td>Science Elective (CHE 231) (4 cr.)</td>
</tr>
<tr>
<td>Free Elective (CHE 232) (4 cr.)</td>
</tr>
<tr>
<td>Elective (BO 205 &amp; BIO 207) (8 cr.)</td>
</tr>
<tr>
<td>Humanities Elective* (3 cr.)</td>
</tr>
<tr>
<td>Social Science Elective (PSY 111) (3 cr.)</td>
</tr>
<tr>
<td>Gen Ed. Elective* (3-4 cr.)</td>
</tr>
</tbody>
</table>

### Osowo Course Equivalents

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.

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### 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 845-431-8695
Fax: 845-431-8046
roza.makhmudova@sunydutchess.edu

**Coordinator of Transfer Services**
Roza Makhmudova
Academic Coaching & Transfer Center
301 Orcutt Student Services Center
845 431-8995
roza.makhmudova@sunydutchess.edu

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### 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.

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### Courses filed at DCC

**Zoology B.S. 28-30 40-41 credits**

- **A. Core Requirements: 12-13 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
- ZDO 330 - Invertebrate Biology
- ZDO 340 - Vertebrate Biology
- ZDO 360 - Animal Physiology
- ZDO 370 - Comparative Anatomy
- ZDO 373 - Animal Development
- ZDO 375 - Entomology
- ZDO 376 - Morphology (Bio of Birds)
- ZDO 378 - Aquatic Entomology
- ZDO 384 - Mammalogy
- ZDO 387 - Herpetology
- ZDO 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
- ZDO 358 - Plant Ecology
- BIO 420 - Wetland Ecology
- BIO 421 - Winter Ecology
- ZDO 389 - Animal Ecology
- ZDO 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.
- BIO 370 and ZDO 330 cannot both be used as an elective.

### Graduate Requirements: 8-9 credits

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

### D. Cognate Requirements 34-35 credits on next page