ADVISING GUIDE:
BIOLOGY AND MANAGEMENT OF ZOO ANIMALS

PROGRAM OFFERED IN COOPERATION WITH:

All requirements and selection criteria are subject to change on a yearly basis.
**BIOLOGY AND MANAGEMENT OF ZOO ANIMALS APPLICANT SCORING SHEET**

*(Please note: see final page of Advising Guide for B.S. transfer recommendations)*

### PREREQUISITE SCIENCE COURSES
20 points possible – Complete all prerequisite courses by the end of Winter term 2016

<table>
<thead>
<tr>
<th>Courses Completed</th>
<th>Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Term/Year Grade (A =10, B=6, C=2)</td>
<td></td>
</tr>
</tbody>
</table>

- □ BI 112 Cell Biology for Health Occupations OR
- □ BI 211 AND 212 Principles of Biology OR
- □ Equivalent Majors Biology Coursework (with cellular, molecular, and genetics topics) *

(Math 95 or higher is needed to take these at PCC)

- □ CH 151 Preparatory Chemistry OR
- □ CH 104 Allied Health Chemistry I OR
- □ CH 221 General Chemistry I OR
- □ Equivalent General Chemistry course with lab *

**PREREQUISITE TOTAL:** /20

*Contact Department for appropriate substitutions at other colleges or universities

### ADDITIONAL REQUIREMENTS – no points
Complete courses with “C” grade or higher by the end of Winter term 2016

<table>
<thead>
<tr>
<th>Course or Requirement Completed</th>
<th>Associate’s or Higher Degree Waiver</th>
</tr>
</thead>
<tbody>
<tr>
<td>Term/Year Grade **</td>
<td></td>
</tr>
</tbody>
</table>

- □ WR121 English composition, or associate’s or higher degree **
- □ MTH 65 Introductory Algebra or 3+ credit course with MTH 65 prerequisite, or pass PCC MTH 65 competency exam**
- □ Additional General Education course from any category (see [PCC AAS degree worksheet](http://www.pcc.edu/resources/student-records/online-transfer.html)), or associate’s or higher degree **
- □ Self-reported computer literacy (email, internet, Word, Powerpoint) through experience or coursework eg. CAS 133
- □ Documentation of a minimum of 20 hours of direct animal care experience in a professional environment

** Follow instructions at [http://www.pcc.edu/resources/student-records/online-transfer.html](http://www.pcc.edu/resources/student-records/online-transfer.html) for transcript evaluations from other colleges and universities to determine whether you will receive PCC credit for these courses

### OVERALL COLLEGE GPA – 10 POINTS POSSIBLE

<table>
<thead>
<tr>
<th>OVERALL GPA: /10</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>4.00 - 3.80 = 10 points</th>
<th>3.39 - 3.20 = 6 points</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.79 - 3.60 = 8 points</td>
<td>3.19 - 3.00 = 5 points</td>
</tr>
<tr>
<td>3.59 - 3.40 = 7 points</td>
<td>2.99 - 2.80 = 4 points</td>
</tr>
</tbody>
</table>

| 2.99 - 2.80 = 4 points |
| 2.19 - 2.00 = 0 points |

### PREVIOUS DEGREE(S) – Five additional points awarded with proof of completion of previous associate’s or higher academic degrees from an accredited institution.

### ADDITIONAL EXPERIENCE, RECOMMENDATION, AND GOALS – Up to twenty additional points may be awarded based on evaluation of additional direct animal care or related experience (beyond the 20 hour requirement), a letter of recommendation from an animal manager, and answers to the applicant essays.

### PRELIMINARY TOTAL: /55

### INTERVIEW – Top applicants will be invited to interview and evaluated based on volunteer/work experience in animal husbandry, preparation for program academics, goals, and assessment of potential contributions to the animal management field.

### FINAL TOTAL: /80

All prerequisites & additional requirements must be completed by the end of winter term 2016.
Before you apply

- Admission is highly competitive, with 24 students chosen each year from a potentially large pool of interested applicants from around the nation and internationally. Completion of the BMZA prerequisites does **not** guarantee entrance into the program.

- Prior to applying, applicants are expected to thoroughly review all sections of the BMZA website at http://pcc.edu/zoo to familiarize yourself with the program, admissions and selection process, coursework, and expectations, and spend significant time investigating this career field.

- Documented hours of volunteering or work involving direct animal care in a professional environment are required, to gain knowledge of professional duties and responsibilities.

How to apply

- Apply to Portland Community College online at www.pcc.edu/admissions or in person at any PCC campus.

- Complete the Biology and Management of Zoo Animals program application.

- Include required responses to the essay questions and Animal Care Experience Documentation Form(s) (see application). You are also encouraged to include **one** letter of recommendation to be considered for your discretionary points.

- Include copies of official college transcripts from all colleges attended with your application. If required prerequisite courses were taken at colleges other than PCC, be sure to have your transcripts evaluated through the process at http://www.pcc.edu/resources/student-records/online-transfer.html for general education courses to ensure course equivalence before application.

- For Biology and Chemistry course substitutions, you may send the name of your college, course name, number, and course description to the BMZA department chair at joyce.kaplan@pcc.edu for consideration PRIOR to application. A response email from the department chair certifying acceptable substitutions (for BIO and CHEM only) may be attached to your application.

- Self-report adequate computer literacy on your application if no coursework has been completed. This should include use of email, internet research, and use of word processing and presentation software (eg. Word and PowerPoint).

Application Timeline

- Applications will be available in January online at www.pcc.edu/zoo-animals or in the Science & Technology Office, Building 7 Room 202, Rock Creek campus.

- Applications are accepted from January 11 through April 15, 2016.

- All prerequisites and requirements must be completed by the end of winter term prior to entry into the program.

- The top applicants, based on preliminary point total, will be required to interview for selection for a final position in the program. Conference call interviews are available for out-of-state applicants.

- Selection takes place and admission decision letters are mailed by the first week of June.

For additional information and frequently asked questions about the program, please visit **www.pcc.edu/zoo-animals**

For PCC general questions, visit **www.pcc.edu/askthepanther**

<table>
<thead>
<tr>
<th>Biology and Management of Zoo Animals</th>
<th>Portland Community College</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Rock Creek Campus, Building 7/202</td>
</tr>
</tbody>
</table>
1. **Selection of science prerequisite courses for BMZA:**

*Choose the following courses in order to transfer to PSU and serve as prerequisites for upper division science courses in the biology concentration area:*

- BI 211: 5 cr [---]
- BI 212: 5 cr [---]
- (BI 213 - Not required for BMZA admission) (5 cr [---])
- CH 221 (prerequisite at PCC is CH 151 or pass CH 151 Competency Exam) 5 -10 cr [---]

2. **Courses in the BMZA program which transfer to PSU as Lower Division Biology credit:**

- BMZA 105: 4 cr [---]
- BMZA 106: 4 cr [---]
- BMZA 110: 4 cr [---]
- BMZA 201: 4 cr [---]
- BMZA 202: 4 cr [---]
- BMZA 203: 4 cr [---]
- BMZA 231: 4 cr [---]
- BMZA 250: 4 cr [---]
- BMZA 270: 2 cr [---]

**Total Science credits transferred (49-59) [---]**

(56 credits required for PSU Science BS, 36 must be upper division with 8 in each of two different upper division concentrations)

3. **Selection of general education prerequisites for BMZA**

*Choose the following courses in order to transfer to PSU and fill requirements in the Science BS degree:*

- WR 121: 4 cr [---]
- MTH 111: 5 cr [---]
- General Education: 4 cr [---]

*(select a course that will also meet PSU A&L or Social Science distribution requirement)*

4. **Additional coursework in BMZA that will transfer to PSU as general elective credit**

- General Education: 4 cr [---]

*(select a course that will also meet PSU A&L or Social Science distribution requirement)*

- COMM 111: 4 cr [---]
- PE 181D: 1 cr [---]
- 12 additional credits of BMZA: 12 cr [---]

**Total LDC gen ed elective credits transferred (34) [---]**

**TOTAL TRANSFERABLE CREDITS* (83-93) [---]**

*For PSU transfer -
Transferring in 75-89 credits → One sophomore inquiry course required
Transferring in 90+ credits → All freshman and sophomore inquiry requirements fulfilled