

**ASU School of Life Sciences-Biological Sciences: Concentration-Genomics and Bioinformatics Curriculum Check Sheet - 2007-2008**

Last Name: \_\_\_\_\_ First Name, MI: \_\_\_\_\_ ID: \_\_\_\_\_  
 Degree: \_\_\_\_\_ Major: \_\_\_\_\_ Catalog Year: \_\_\_\_\_  
 Advisor: \_\_\_\_\_ Date: \_\_\_\_\_ Updated: \_\_\_\_\_

| UNIVERSITY GENERAL STUDIES CORE   |   |    |    |      |
|---|---|----|----|------|
| You may <u>not</u> double count courses within the University General Studies Core<br>AGECC or TGECC Certification Yes <input type="checkbox"/> No <input type="checkbox"/> |   |    |    |      |
| Course Prefix & No.   | C | NC | UD | DARS |
| <b>First-Year Composition (Requires 'C' minimum)</b>  |   |    |    |      |
| Eng101/Eng107   |   |    |    |      |
| Eng102/Eng108   |   |    |    |      |
| Eng105  |   |    |    |      |
| <b>Literacy and Critical Inquiry</b>  |   |    |    |      |
| L   |   |    |    |      |
| L   |   |    | 3  |      |
| <b>Numeracy (CLAS majors require a 'C' minimum in the MA area)</b>  |   |    |    |      |
| MA  |   |    |    |      |
| CS  |   |    |    |      |
| <b>Humanities and Fine Arts (6 hours)</b>   |   |    |    |      |
| HU  |   |    |    |      |
| HU  |   |    |    |      |
| <b>Social and Behavioral Sciences (6 hours)</b>   |   |    |    |      |
| SB  |   |    |    |      |
| SB  |   |    |    |      |
| <b>Upper Division HU or SB</b>  |   |    |    |      |
|   |   |    | 3  |      |
| <b>Sciences (8 hours) Requirement is satisfied in the major</b>   |   |    |    |      |
| SQ  |   |    |    |      |
| SQ or SG  |   |    |    |      |
| University Totals*  |   |    |    |      |

| University General Studies Awareness Areas       |  |  |  |  |
|--|--|--|--|--|
| <input type="checkbox"/> Cultural Div. in US - C |  |  |  |  |
| <input type="checkbox"/> Global - G              |  |  |  |  |
| <input type="checkbox"/> Historical - H          |  |  |  |  |

| ASU Requirement for all incoming freshmen |  |  |   |  |
|---|--|--|---|--|
| The ASU Experience ASU 101                |  |  | 1 |  |

| COLLEGE GRADUATION REQUIREMENTS  |  |  |   |  |
|--|--|--|---|--|
| <b>B.S. Science &amp; Society (6 hours) See College for paired lists</b>   |  |  |   |  |
|  |  |  | 3 |  |
| <a href="http://clas.asu.edu/students/degree/requirements">http://clas.asu.edu/students/degree/requirements</a> for an up-to-date listing of science and society courses |  |  |   |  |
| College Total*   |  |  |   |  |

**IMPORTANT THINGS TO CHECK:**

Hours in residence:  30 min.;  56 Honors;  30 new 2<sup>nd</sup> Bac.  
 64 max community college hours allowed; CC hrs = \_\_\_\_\_  
 \* Count credit hours for each course only once.  
 C = hours completed; NC hours not completed; UD = upper division (300-499)

| Advisor list 4 year transfer schools and UD designation |             |          |
|---|-------------|----------|
| School  | Designation | UD hours |
|   |             |          |
|   |             |          |
|   |             |          |

| MAJOR REQUIREMENTS and related fields  |   |    |              |   |
|--|---|----|--------------|---|
| 'C' min. required in all upper division courses. Some majors are more stringent.<br>Upper division hours in residence in major: _____ (12 minimum)<br>Concurrent Degrees 30 unique hours in each major area <input type="checkbox"/> |   |    |              |   |
| Course Prefix & No.  | C | NC | UD           | DARS  |
| Gen. Biol. BIO187  |   |    |              |   |
| Gen. Biol. BIO188  |   |    |              |   |
| Gen Genetics or Genetic Anal. BIO340<br>BIO341   |   |    | 4/5          |   |
| Org. Evolution BIO345  |   |    | 3            |   |
| <b>Concentration Requirements: 16 hours</b>  |   |    |              |   |
| MAT351 or MAT/MBB/BIO355   |   |    | 3            |   |
| BIO455 or BIO456   |   |    | 3            |   |
| MBB/BIO440   |   |    | 3            |   |
| BCH361, 367 or BCH461,462,467  |   |    | 3/1<br>3/3/3 |   |
| MBB343 or MBB/PLB350 or MBB445/446   |   |    | 4            |   |
| <b>Major UD Electives: 9 hours -- BIO, MIC, PLB, MBB &amp; approved ASM, BCH, MAT, STP</b>   |   |    |              |   |
|  |   |    | 3            |   |
|  |   |    | 3            |   |
|  |   |    | 3            |   |
|  |   |    |              |   |
| <b>Major Related Fields</b>  |   |    |              |   |
| CHM113   |   |    |              |   |
| CHM116   |   |    |              |   |
| CHM231,235 or CHM233,234,237,238   |   |    |              |   |
| PHY101 or PHY111,112,113,114   |   |    |              |   |
| STP226 or STP 231  |   |    |              |   |
| MAT251   |   |    |              |   |
| Major Total*   |   |    |              |   |
|  |   |    |              |   |
| Electives Total  |   |    |              | 120 total<br>45 UD<br>Semester<br>hours<br>required |
| University Total   |   |    |              |   |
| College Total  |   |    |              |   |
| Major Total  |   |    |              |   |
| Column 1 from back   |   |    |              |   |
| Column 2 from back   |   |    |              |   |
| Column Total*  |   |    |              |   |
| Total Hours (C+NC)*  |   |    |              |   |

