## College of Arts and Sciences Advising Worksheet

## PHYSICS BA

**GENERAL EDUCATION REQUIREMENT** – requires one course of 3 or more credits in each area and a minimum total of 40 credits. See catalog for list of approved courses.

|   | Transfer | OU            | Status     | Credits |
|---|----------|---------------|------------|---------|
| Arts  |          |               |            |         |
| Foreign Language and Culture                  |          |               |            |         |
| Global Perspective                            |          |               |            |         |
| Literature                                    |          |               |            |         |
| Natural Science and Technology                |          | PHY 1510/1100 |            |         |
| Formal Reasoning                              |          | MTH 1554      |            |         |
| Social Science                                |          |               |            |         |
| Western Civilization                          |          |               |            |         |
| Writing Foundations- Composition II (2.0 GPA) |          |               |            |         |
| Knowledge Application (outside of major)      |          | MTH 1555      |            |         |
|   |          | oguired Co    | malated DE | MAINING |

General Education Total Credits: Required Completed 40 0 40 40

## **IMPORTANT NOTES:**

A cumulative GPA of 2.0 is required overall and in the major.

At least 16 credits in Physics courses must be completed at Oakland University.

2017 - 18 Catalog (Since 2007)

| GENERAL ED | DUCATION THAT | MAY BE DOUB | LE-COUNTED |
|------------|---------------|-------------|------------|
|------------|---------------|-------------|------------|

| (may be satisfied with cours | ses that also satisfy other degree requirements) | Course   | Status |
|------------------------------|--|----------|--------|
| U.S. Diversity               |  |          |        |
| Writing Intensive in Gen Ed  |  |          |        |
| Writing Intensive in Major   | PHY 4970 since F '06 or PHY 4995 since F '07     | IN MAJOR | DC     |
| Capstone                     | PHY 4970 since F '06 or PHY 4995 since F '07     | IN MAJOR | DC     |

**COLLEGE EXPLORATORY REQUIREMENT** – Additional liberal arts beyond Gen Ed Explore in a single rubric (subject) outside of your major, for a minimum 12 credits. May be met with the completion

|  |         | •         |        | •       |
|--|---------|-----------|--------|---------|
| of a double major, CAS minor, or approved thematic set |         | Course    | Status | Credits |
| Student will complete exploratory with:                |         |           |        |         |
| Exploratory Notes:                                     |         |           |        |         |
|  |         |           |        |         |
|  |         |           |        |         |
|  |         |           |        |         |
|  |         |           |        |         |
| College Exploratory Total Credits:                     | Require | ed Comple | ted RE | MAINING |
| Conlege Exploratory Total Credits.                     | 12      | 0         |        | 12      |

MAJOR COURSES - A minimum of 35 credits in PHY is required for the BA degree.

| Verify major with department                                       |        | Course    | Status  | Credits |
|--|--------|-----------|---------|---------|
| PHY 1510   | 4      |           |         |         |
| PHY 1100   | 1      |           |         |         |
| PHY 1520   | 4      |           |         |         |
| PHY 1110   | 1      |           |         |         |
| PHY 3170   | 2      |           |         |         |
| PHY 3710   | 4      |           |         |         |
| 16 credits of PHY courses, with at least 12 credits at or above 20 | 00-le  | vel.      |         | •       |
|  |        |           |         |         |
|  |        |           |         |         |
|  |        |           |         |         |
|  |        |           |         |         |
|  |        |           |         |         |
|  |        |           |         |         |
| PHY 4970 or 4995 (capstone)  | 3      |           |         |         |
| Major Total Credits:   | Requir | ed Comple | eted RE | MAINING |
|  | 35     | ()        |         | 35      |

| ADVISER NOTES: |  |  |  |
|----------------|--|--|--|
|                |  |  |  |
|                |  |  |  |

| Student Type: | Catalog: |  |
|---------------|----------|--|
|               | TEW:     |  |

| MINOR COURSES (optional) |             |    |             |     |      |                     |
|--------------------------|-------------|----|-------------|-----|------|---------------------|
|                          |             | С  | ourse       | Sta | itus | Credits             |
|                          |             |    |             |     |      |                     |
|                          |             |    |             |     |      |                     |
|                          |             |    |             |     |      |                     |
|                          |             |    |             |     |      |                     |
|                          |             |    |             |     |      |                     |
|                          |             |    |             |     |      |                     |
|                          |             |    |             |     |      |                     |
|                          |             |    |             | L   |      |                     |
| Minor Total Credits:     | Requir<br>0 | ed | Comple<br>0 | ted | REN  | MAINING<br><b>0</b> |

| <b>COREQUISITE COURSES</b>                       |  |        |             |      |                      |  |
|--|--|--------|-------------|------|----------------------|--|
|  |  | Course | St          | atus | Credits              |  |
| Placement required                               |  |        |             |      |                      |  |
| MTH 1554   | 4  |        |             |      |                      |  |
| MTH 1555   | 4  |        |             |      |                      |  |
| MTH 2554   | 4  |        |             |      |                      |  |
|  |  |        |             |      |                      |  |
| 8 additional credits in chem (excludes CHM 3000) | 8 additional credits in chemistry, mathematics, and/or physics (excludes CHM 3000) |        |             |      |                      |  |
|  | 4  |        |             |      |                      |  |
|  | 4  |        |             |      |                      |  |
| Corequisite Credits:                             | equir<br>20  | ed Com | pleted<br>0 | REI  | MAINING<br><b>20</b> |  |

This worksheet is for advising purposes and is a summary of degree requirements based on available information at the time of completion. Students are responsible for verifying major requirements with the department faculty adviser and for reading the undergraduate catalog for all requirements necessary to complete their degree at Oakland University.

## CREDIT SUMMARY AFTER:

| MINIMUM CREDITS REQUIRED: |                            |             |      | 124 |
|---------------------------|----------------------------|-------------|------|-----|
|                           | its completed              |             |      |     |
| Transfer                  | credits (on OU tran        |             |      |     |
|                           |                            | TOTAL CREE  | DITS | 0   |
| Pending                   | Pending OU and/or transfer |             |      |     |
|                           | TOTAL D                    | EGREE CREE  | DITS | 0   |
|                           | MINIMUM CF                 | REDITS NEED | ED:  | 124 |
| Date:                     |                            | Adviser:    |      |     |

| General Education           |  |
|-----------------------------|--|
| Diversity                   |  |
| WIM/WIGE/Capstone           |  |
| Exploratory or Distribution |  |
| Major                       |  |
| Corequisites                |  |
| Electives                   |  |
| TOTAL CREDITS REMAINING:    |  |

| 32                             | 32 CREDITS AT 3000-4000 LEVEL |      |          |   |  |  |
|--------------------------------|-------------------------------|------|----------|---|--|--|
| PHY                            |                               |      |          |   |  |  |
| PHY                            |                               |      |          |   |  |  |
| PHY                            |                               |      |          |   |  |  |
|                                |                               |      |          |   |  |  |
|                                |                               |      |          |   |  |  |
|                                | 3000-40                       | 00 C | ompleted | 0 |  |  |
| 3000-4000 Completed REMAINING: |                               |      | 32       |   |  |  |

With no substitutions or exceptions 9 credits of 3000-4000 level classes will be met by major