Eberly College of Science
The Pennsylvania State University

SCIENCE BS/MBA PROGRAM - Program Year: 2013
Undergraduate Degree Requirement Checksheet

Student ID $\qquad$

For the B.S. degree in Science, a minimum of 124 credits is required, with at least 15 credits at the 400 level. Within the context of these 124 credits, students also must satisfy the University's 1st Yr Seminar, US Cultures \& International Cultures, and Writing Across the Curriculum requirements. To graduate, students must: complete all course requirements with at least a 2.00 GPA *, earn a grade C or better in BIOL 110, CHEM 110, MATH 140, PHYS 211 or 250 and 9 credits of 400 -level life, mathematical or physical sciences.
*minimum GPA refers to undergraduate degree only and does not guarantee acceptance to MBA program - see Science BS/MBA Handbook for more information

## REQUIRED NON-SCIENCE COURSES (40-48 credits)

WRITING/SPEAKING (9 cr)

| ENGL 15 or 30 | 3 |  |
| :--- | :--- | :--- |
| ENGL 202 A, B, C or D | 3 |  |
| CAS 100 A, B, or C - Speech | 3 |  |

HEALTH/PHYSICAL ACTIVITY (3 cr)

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FOREIGN LANGUAGE ( $0-8 \mathrm{cr}$ )

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Proficiency in a single language to the second semester level required.

BUSINESS (4 cr)



SOCIAL \& BEHAVIORAL SCIENCES (6 cr)

| ECON 102 | 3 |  |
| :--- | :--- | :--- |
| ECON 104 | 3 |  |

ANY 400-LEVEL COURSE WORK (6 cr)

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Note: may use BA 500-level credit either here or in supporting courses

## REOUIRED SCIENCE COURSES (53-57 credits)

QUANTIFICATION (16 cr)

| MATH 140 | 4 |  |
| :--- | :--- | :--- |
| MATH 141 | 4 |  |
| STAT 200 | 4 |  |
| CMPS 203 | 4 |  |

LIFE SCIENCES (7 cr)

| BIOL 110 | 4 |  |
| :--- | :--- | :--- |
| BMB 211, 251 or MICRB 201 | 3 |  |

## PHYSICS (8-12 cr)

| PHYS 211 | or | PHYS 250 | 4 |  |
| :--- | :--- | :--- | :--- | :--- |
| PHYS 212 | or | PHYS 251 | 4 |  |
| PHYS 213/214 |  |  | 4 |  |

Students must complete one of the physics course sequences.
GENERAL CHEMISTRY (8 cr)

| CHEM 110 | 3 |  |
| :--- | :--- | :--- |
| CHEM 112 | 3 |  |
| CHEM 111 | 1 |  |
| CHEM 113 | 1 |  |

LIFE, MATH or PHYSICAL SCIENCES (14 cr)*

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| * At least 9 credits must be at the 400-level. Life sciences include BMB, |  |  |
| BIOL, BIOTC \& MICRB. Mathematical include CMPSC, CSE, MATH |  |  |
| \& STAT. Physical include ASTRO, CHEM \& PHYS. ** |  |  |

## SUPPORTING ELECTIVE COURSES (19-31 credits) **

| BA 500 *** | 2 |  |
| :---: | :---: | :---: |
| BA 511 *** | 2 |  |
| BA 515 *** | 2 |  |
| BA 512 *** | 2 |  |
| BA 531 *** | 2 |  |
| BA 501 *** | 2 |  |


| SC 295 | 2 |  |
| :--- | :--- | :--- |
| SC 395 | 2 |  |
| SC 495 | 2 |  |
|  |  |  |
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** See program list for courses that cannot be used in this category.
*** Taken $1^{\text {st }}$ semester of MBA program
COURSES COMPLETED THAT DO NOT APPLY TOWARD GRADUATION


