

Effective: Spring 2018
 Updated: 5/9/2018



Buchtel College of Arts and Sciences Philosophy **Philosophy - Science** MINOR – 360005M

The following information has official approval of the **Buchtel College of Arts and Sciences**, but is intended only as a guide. Official degree requirements are established at the time of admission to the degree-granting college. Completion of this minor within the identified time frame below is contingent upon many factors, including but not limited to: class availability, total number of required credits, work schedule, finances, family, course drops/withdrawals, successfully passing courses, prerequisites, among others.

The following courses constitute a "Minor in Philosophy - Science" and must be completed with a minimum grade point average of 2.0 over-all for the minor to be noted on the student's record.

| Course | | Credit Hours | Prerequisites |
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| Required Courses, Students must complete the following: | | | |
| 3600:170 | Introduction to Logic | 3 | |
| 3600:464 | Philosophy of Science | 3 | Completion of one course in philosophy with a grade of "C" or higher |
| Students must select 6 credits from the following courses: | | | |
| 3600:323 | Advanced Topics in Ethics | 3 | Permission from advisor. |
| 3600:125 | Theory & Evidence | 3 | |
| 3600:333 | Philosophy of Science and Religion | 3 | |
| 3600:361 | Biomedical Ethics | 3 | |
| 3600:371 | Philosophy of Mind | 3 | |
| 3600:418 | 20th Century Analytic Philosophy | 3 | Completion of one course in philosophy with a grade of "C" or higher |
| 3600:461 | Neuroethics | 3 | [3600:120 or 3600:361] with a grade of "C" or higher |
| 3600:462 | Theory of Knowledge | 3 | Completion of one course in philosophy with a grade of "C" or higher |
| 3600:471 | Metaphysics | 3 | Completion of one course in philosophy with a grade of "C" or higher |
| 3600:480 | Seminar in Philosophy | 3 | Permission from advisor. |
| Students must select 6 credits from the following courses: | | | |
| 3100:211 | General Genetics | 3 | Completion of 3100:112 with a grade of "C-" or better |
| 3100:217 | General Ecology | 3 | Completion of 3100:112 with a grade of "C-" or better |
| 3100:311 | Cell & Molecular Biology | 4 | 3150:151, 3150:152, 3150:153, 3150:154, and 3100:211 |
| 3100:316 | Evolutionary Biology | 3 | Completion of 3100:112 with a grade of "C-" or better |
| 3100:331 | Microbiology | 4 | 3100:112, 3100:211, and 3150:263 (or corequisite) |
| 3150:305 | Physical Chemistry for the Biological Sciences | 4 | [3150:264, or 3450:222, or 3650:262 or 3650:292]. |

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| 3150:313 | Physical Chemistry Lecture I | 3 | 3150:264, and 3450:223, and 3650:291 |
| 3150:314 | Physical Chemistry Lecture II | 3 | 3150:264, and 3450:335, and 3650:292 |
| 3150:401 | Biochemistry Lecture I | 3 | 3150:264 |
| 3150:402 | Biochemistry Lecture II | 3 | 3150:401 |
| 3150:423 | Analytical Chemistry I | 3 | 3150:154 and 3150:263 |
| 3150:424 | Analytical Chemistry II | 3 | 3150:154 and 3150:263 |
| 3150:472 | Advanced Inorganic Chemistry | 3 | 3150:314 or 3150:305 |
| 3230:151 | Human Evolution | 4 | |
| 3230:359 | Anthropological Theory | 3 | 3230:150 and 3230:151 |
| 3230:410 | Evolution and Human Behavior | 3 | 3230:151 |
| 3240:400 | Archaeological Theory | 3 | 3240:100 |
| 3250:400 | Intermediate Macroeconomics | 3 | 3250:201 and [3450:145 or equivalent] |
| 3250:410 | Intermediate Microeconomics | 3 | [3250:200 or 3250:244] and [3450:145 or equivalent] |
| 3250:426 | Applied Econometrics | 3 | 3250:200 and [3250:201 or 3250:244, or 3470:261, or 3470:262] |
| 3370:324 | Sedimentation & Stratigraphy | 4 | 3370:102 and 3370:231 |
| 3370:350 | Structural Geology | 4 | 3370:101 |
| 3370:360 | Paleobiology | 4 | 3370:101 or 3100:111 |
| 3400:487 | Science and Technology in World History | 3 | Completion of a minimum of 48 credits or higher |
| 3450:401 | History of Mathematics | 3 | Completion of 3450:307 with a grade of "C-" or better |
| 3470:450 | Probability | 3 | 3450:221 |
| 3470:451 | Theoretical Statistics I | 3 | 3450:223 |
| 3470:461 | Applied Statistics | 4 | 3450:222 |
| 3650:291 | Elementary Classical Physics I | 4 | Completion of 3450:221 with a grade of "C-" or better, or AP Calculus AB, or BC test score of 3 or better |
| 3650:292 | Elementary Classical Physics II | 4 | 3650:291 |
| 3650:301 | Elementary Modern Physics | 3 | 3650:292 |
| 3650:340 | Thermal Physics | 3 | 3650:262 or 3650:292 |
| 3650:350 | Modeling & Simulation | 4 | [3650:262 or 3650:292] and [3460:208 or 3460:209] |
| 3650:431 | Mechanics I | 3 | 3650:291, and 3650:350, and 3450:335 |
| 3650:436 | Electromagnetism I | 3 | 3650:291, and 3650:350, and 3450:335 |
| 3650:441 | Quantum Physics I | 3 | 3650:301, and 3650:350, and 3450:335 |
| 3650:470 | Introduction to Solid-State Physics | 3 | 3650:441 |
| 3750:320 | Biopsychology | 4 | 3750:100 |
| 3750:340 | Social Psychology | 4 | 3750:100 |
| 3750:345 | Cognitive Processes | 4 | 3750:100 |
| 3850:301 | Methods of Social Research I | 3 | 3850:100 and 3 credits of Mathematics (3450) or Statistics (3470) courses |
| 3850:302 | Methods of Social Research II | 3 | Completion of [3700:301 or 3850:301], and 3850:100, and 3 credits of Mathematics (3450) or Statistics (3470) courses |
| 3850:315 | Sociological Social Psychology | 3 | 3850:100 |
| 3850:460 | Sociological Theory | 3 | 3850:100 |
| | Total Credits for Minor | 18 | |

NOTE:

- 3600:170 Introduction to Logic, 3600:125 Theory and Evidence, and 3230:151 Human Evolution can also be used for General Education credit.
- Cannot overlap more than 6 credits if obtaining both a Philosophy major and a Philosophy minor or if obtaining two Philosophy minors.
- 3600:323 Advanced Topics in Ethics needs to be on a science related topic.

Must have a minimum cumulative GPA of a 2.0 to graduate with this minor

PROGRAM CONTACT

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