

Curriculum Guidelines For Psychological Science

Recommendations for complying with the program distribution requirements (10 units) are described below. To earn a Bachelor of Science (B.S.) degree in Psychological Science, students must complete 15 units of coursework. In addition to the requirements below, one must complete the Humanities and Arts Requirement (2 units), the Interactive Qualifying Project (1 unit), free electives (5/3 unit), and physical education (1/3 unit).

Psychological Science (3 units)

Students can choose from among the following 12 courses in psychological science:

- PSY1400 Introduction to Psychological Science
- PSY1401 Cognitive Psychology
- PSY1402 Social Psychology
- PSY1403 The Psychology of Work
- PSY1504 Strategies for Improving Cognitive Skills
- PSY2401 The Psychology of Education
- PSY2405 Environmental Problems and Human Cognition
- PSY2406 Cross-Cultural Psychology: Human Behavior in Global Perspective
- PSY2400 Methods, Modeling, and Analysis in Social Science
- STS1207 Introduction to the Psycho-Sociology of Science
- STS2209 Innovation, Teamwork, and the Process of Innovation

In addition, students may arrange to take Psychology Courses offered at other Worcester Consortium schools. ISPs can also be arranged on a variety of psychological topics.

Psychological Science and/or Related Courses (1 unit)

Students may choose to take additional psychological science courses from the above list or choose from among the following list of courses in other departments that are closely related to psychological science and/or have significant psychological content:

- BB 3080 Neurobiology
- BB 3160 Behavioral Ecology
- CS 3041 Human-Computer Interaction
- CS 4341 Introduction to Artificial Intelligence
- ID/AR 3150 Light, Vision, and Understanding
- MKT 3600 Marketing Management
- OBC 2300 Organizational Science - Foundation
- OBC 3351 Organizational Science - Management of Change

- OBC 4365 Leadership in Groups and Organizations
- PY 2711 Philosophical Theories of Knowledge and Reality
- PY 2715 Philosophical Theories of the Self

Other Social Science (1 unit)

Students fulfill this requirement by taking 3 courses with an SS prefix that are not included in the Psychological Science course list. This includes courses in system dynamics, economics, sociology, political science, public policy, and law. No more than two of the courses may be at the 1000-level. Students are encouraged to focus their effort by taking multiple courses in a single social science discipline.

Basic Science, Computer Science, and/or Engineering (5/3 units)

Must include 1/3 unit in Biology and 1/3 unit in Computer Science. BB 1001 and CS 1101 or CS 1102 are recommended. Students may use the remaining 1 unit of work to complete additional courses in biology or computer science or to explore other science and engineering disciplines.

Mathematics (4/3 units)

Must include 2/3 of calculus and 2/3 unit of statistics. MA 1021, MA 1022, MA 2611, and MA 2612 are recommended.

Electives (1 unit)

Electives must be approved by the Psychological Science Program Review Committee. Students are encouraged to use these electives to obtain background for upper level courses on the Related Courses list.

Major Qualifying Project (1 unit)

The MQP is expected to provide an integrative capstone experience in psychological science.