Program Approval Form

Action Requested:
- Create New (SCHEV approval required except for minors)
- Inactivate Existing
- Modify Existing (check ALL that apply)
- Title (SCHEV approval required except for minors)
- Concentration (Choose one):
- Degree Requirements
- Admission Standards/ Application Requirements
- Other Changes:

Type (Check one):
- B.A. □ B.S. □ M.A. □ M.S. □ Minor (req. C3 approval)
- Ph.D. □ Undergraduate Certificate* (req. C3 approval)
- Graduate Certificate* □ Bachelor’s/Accelerated Master’s X Other: MAIS

College/School: CHSS
Submitted by: Jill Bowen
Ext: 3-8721
Email: Jbowen4
Effective Term: Fall 2016

Please note: For students to be admitted to a new degree, minor, certificate or concentration, the program must be fully approved, entered into Banner, and published in the University Catalog.

Justification: (attach separate document if necessary)
Modify neuroethics course lists for specializations.

Program Title: (Required)
Title must identify subject matter. Do not include name of college/school/dept.

Concentration(s):

Admissions Standards / Application Requirements: (Required only if different from those listed in the University Catalog)

Degree Requirements:
Consult University Catalog for models. Attach separate document if necessary using track changes for modifications

Courses offered via distance:
(if applicable)

TOTAL CREDITS REQUIRED:

Existing
Interdisciplinary Studies, MAIS

New/Modified
Neuroethics

See attached curriculum.

*For Certificates Only: Indicate whether students are able to pursue on a □ Full-time basis □ Part-time basis

Approval Signatures

Department Date College/School Date Provost’s Office Date

Required for Minors and Interdisciplinary Programs

If this program may impact another unit or is in collaboration with another unit at Mason, the originating department must circulate this proposal for review by those units and obtain the necessary signatures prior to submission. Failure to do so will delay action on this proposal.

Unit Name Unit Approval Name Unit Approver’s Signature Date

For Minors and UG Certificates only (Cross-College Curriculum Committee Approval)

C3 Committee Member Provost Office C3 Committee Approval Date

For Graduate Programs Only
Interdisciplinary Studies, concentration in Neuroethics

One required course of proseminar (1 credit)

- MAIS 796 - MAIS ProSeminar Credits: 1

Five core courses (13 credits) in ethics and neuroscience

- PHIL 640 - History of Ethical Theory Credits: 3
- PHIL 642 - Biomedical Ethics Credits: 3
- NEUR 602 - Cellular Neuroscience Credits: 3
- NEUR 612 - Neuroethics Credits: 3
- NEUR 709 - Neuroscience Seminars Credits: 1

18 credits (6 courses) of electives

Students may choose to specialize in cognitive neuroethics or public neuroethics. All students are encouraged to plan their course work in consultation with the neuroethics concentration head.

Specialization in Cognitive Neuroethics

Take 18 credits from the courses below or other relevant course chosen in consultation with an advisor.

- BIOL 572 - Human Genetics Credits: 3
- COMM 620 - Health Communication Credits: 3
- NEUR 600 - Chemistry and the Brain Credits: 3
- NEUR 651 - Molecular Neuropharmacology Credits: 3
- NEUR 741 - Introduction to Neuroimaging Credits: 3
- NEUR 702 - Research Methods Credits: 3
- NEUR 742 - Cognitive Neuroscience Credits: 3
- PSYC 527 - Introduction to Neurobiology Credits: 2
- PSYC 531 - Mammalian Neurobiology Credits: 3
- PSYC 557 - Psychometric Methods Credits: 3

Specialization in Public Neuroethics

Take 18 credits from the courses below or other relevant course chosen in consultation with an advisor.

- COMM 620 - Health Communication Credits: 3
- COMM 639 - Science Communication Credits: 3
- COMM 642 - Science and the Public Credits: 3
- NEUR 611 - Philosophical Foundation of Neuroscience Credits: 3
- **NEUR 651 - Molecular Neuropharmacology** Credits: 3
- **PHIL 643 - Environmental Ethics** Credits: 3
- **PHIL 645 - Research Ethics** Credits: 3
- **PHIL 694 - Special Topics in Contemporary Philosophy** Credits: 3 (when the topic is related to neuroethics)
- **PHIL 721 - Advanced Seminar in Philosophy** Credits: 3 (when the topic is related to neuroethics)
- **PHIL 733 - Current Issues in Cognitive Science** Credits: 3
- **PSYC 527 - Introduction to Neurobiology** Credits: 2
- **PSYC 685 - Cognitive Neuroscience** Credits: 3
- **PSYC 701 - Cognitive Bases of Behavior** Credits: 3
- **PSYC 702 - Biological Bases of Human Behavior** Credits: 3

**Proposal (1 credit)**

- **MAIS 797 - Interdisciplinary Studies Proposal** Credits: 1

**Project or thesis (3 credits)**

Students cap their study by writing a master's thesis or completing a two-semester project in an area of neuroethics. The project may involve student observation and involvement in scientific research, clinical work, or policy setting.

- **MAIS 798 - Interdisciplinary Studies Project** Credits: 1-5 (take 3 credits)
- or
- **MAIS 799 - Interdisciplinary Studies Thesis** Credits: 1-5 (take 3 credits)

**Total: 36 credits**