Philosophical Foundations Concentration

Symbolic Systems majors completing the new Core requirements effective for 2020-2021 must complete the following requirements to qualify for a Concentration in Philosophical Foundations. All courses must be taken for 3 units of more. Notes: Core requirements fulfilled by a course are noted in brackets "[]". "ASSR" denotes courses that fulfill the Advanced Small Seminar Requirement.

1. **Philosophy of Mind and Language.** One course from the Phil 180-series:
   - PHIL 180: Metaphysics (PHIL 280) [Advanced Philosophy]
   - PHIL 180A: Realism, Anti-Realism, Irrealism, Quasi-Realism (PHIL 280A) [Advanced Philosophy]
   - PHIL 181: Philosophy of Language (PHIL 281) [Advanced Philosophy, Cross-Area Requirement]
   - PHIL 182: Advanced Philosophy of Language (PHIL 282) [Advanced Philosophy]
   - PHIL 182A: Naturalizing Representation (PHIL 282A) [Advanced Philosophy]
   - PHIL 182H: Truth (PHIL 282H) [Advanced Philosophy]
   - PHIL 183: Self-knowledge and Metacognition (PHIL 283)
   - PHIL 183B: Philosophy of Creativity (PHIL 283B)
   - PHIL 184: Epistemology (PHIL 284) [Advanced Philosophy]
   - PHIL 184B: Formal Epistemology (PHIL 284B)
   - PHIL 185: Special Topics in Epistemology: Testimony in science and everyday life (PHIL 285)
   - PHIL 185W: Metaontology
   - PHIL 186: Philosophy of Mind (PHIL 286) [Advanced Philosophy]
   - PHIL 187: Philosophy of Action (PHIL 287) [Advanced Philosophy]
   - PHIL 188W: Paradoxes
   - PHIL 189G: Fine-Tuning Arguments for God's Existence [Advanced Philosophy]

2. **Ethics, Historical, and Political Philosophy.** Courses must be numbered 100 or above. One of the following:
   - PHIL 102: Modern Philosophy Descartes to Kant
   - PHIL 107B: Plato's Later Metaphysics and Epistemology [Advanced Philosophy]
   - Any course of 3 units or more from the PHIL 170-series. For example:
     - PHIL 172: History of Modern Moral Philosophy (PHIL 272) [Advanced Philosophy]
     - PHIL 173B: Metaethics [Advanced Philosophy]
     - PHIL 175: Philosophy of Law [Advanced Philosophy]
   - PHIL 194P: The Meaning of Life [ASSR]
3. **Logic.** One of the following:
   - CS 154: Introduction to Automata and Complexity Theory [*Theory of Computation, Cross-Area Requirement*]
   - PHIL 152: Computability and Logic (PHIL 252) [*Cross-Area Requirement*]
   - PHIL 154: Modal Logic (PHIL 254) [*Cross-Area Requirement*]
   - Any course from the Phil 350-series
   - PHIL 359: Topics in Logic, Information, and Interaction [*ASSR*]

4. **Philosophy of Science.** One of the following:
   - PHIL 20N: Philosophy of Artificial Intelligence
   - PHIL 162: Philosophy of Mathematics (MATH 162, PHIL 262)
   - PHIL 164: Central Topics in the Philosophy of Science: Theory and Evidence (PHIL 264)
   - PHIL 165: Philosophy of Physics (PHIL 265)
   - PHIL 167D: Philosophy of Neuroscience (PHIL 267D, SYMSYS 206A) [*Advanced Philosophy, Cross-Area Requirement*]
   - PHIL 169: Evolution of the Social Contract (PHIL 269) [*ASSR*] PHIL 360: Grad Seminar: Philosophy of Neuroscience [*ASSR*]
   - SYMSYS 207: Conceptual Issues in Cognitive Science [*ASSR*]

5. **Integrative Requirement:** Must be completed no earlier than the Junior Year:
   - Any of the *Standard Options* for all Concentrations specified under the Core Capstone requirement, or
   - A *Concentration-Specific Integrative Course* -- a course that integrates the themes of the Concentration with the Core requirements: One of the following [with more options to be added as they are approved -- some options may be removed if they are included in the list of SYMSYS 195* project courses, in order to avoid redundancy with the Standard Options]:
     - CS 181: Computers, Ethics, and Public Policy [*Cross-Area Requirement*]
     - CS 182: Ethics, Public Policy, and Technological Change (COMM 180, ETHICSOC 182, PHIL 82, POLISCI 182, PUBLPOL 182) [*Introductory Philosophy, Cross-Area Requirement*]
     - NBIO 101: Social and Ethical Issues in the Neurosciences (NBIO 201)
     - PHIL 162: Philosophy of Mathematics (MATH 162, PHIL 262)
     - PHIL 167D: Philosophy of Neuroscience (PHIL 267D, SYMSYS 206A) [*Advanced Philosophy, Cross-Area Requirement*]
     - PHIL 169: Evolution of the Social Contract (PHIL 269) [*ASSR*]
     - PHIL 194D: Capstone Seminar: Artificial Intelligence PHIL 194T: Practical Reason [*ASSR*]
     - PHIL 194Y: Capstone seminar: Common Sense Philosophy [*ASSR*]
     - PHIL 350: What makes a good explanation? Psychological and philosophical perspectives (PSYCH 293) [*ASSR*]
     - PHIL 359: Topics in Logic, Information, and Interaction [*ASSR*]
6. **Contingent Electives:** If any of requirements 1-5 are fulfilled with courses taken for Core requirements, then additional approved Contingent Elective courses must be completed to total 5 courses beyond those that are taken for the Core: These electives can be one or more courses from any of the areas above, or which are approved for a Core requirement that the student has fulfilled with a different course, or any of the following:

- More courses may be added here as they are approved.