

# PHIL 8400

## SEMINAR IN THE PHILOSOPHY OF SCIENCE

Professor Richard Dien Winfield

The seminar will investigate the emergence of life from inorganic nature and the emergence of mind in organic nature.

*All academic work must meet the standards contained in "A Culture of Honesty." All students are responsible to inform themselves about those standards before performing any academic work.*

### **REQUIRED READINGS (selections drawn from the following):**

- Aristotle, *Complete Works, Vol. 1 & 2* (Oxford: Oxford U. Press, 1984), ISBN-10: 0691099502  
Dennett, Daniel C., *Darwin's Dangerous Idea* (New York: Simon & Schuster: 1995), ISBN: 0-684-82471-X  
Feynman, Richard P., *Six Easy Pieces* (New York: Basic Books, 1995), ISBN: 0-465-02392-4  
Hegel, G. W. F., *Philosophy of Nature* (Oxford: Oxford U. Press, 2004), ISBN: 0199272670  
Jonas, Hans, *The Phenomenon of Life* (Evanston, IL: Northwestern U. Press, 2001), ISBN-10: 0810117495  
Kant, Immanuel, *Critique of the Power of Judgment* (Cambridge: Cambridge U. Press, 2001), ISBN-10: 0521348927  
Popper, Karl R., *The Open Universe: An Argument for Indeterminism* (Totowa, NJ: Rowman & Littlefield, 1982), ISBN 0-8476-7388-X  
Evan Thompson, *Mind in Life: Biology, Phenomenology, and the Sciences of Mind* (Cambridge, MA: Harvard, 2007), ISBN-10: 0-674-02511-3  
Winfield, Richard Dien, *The Living Mind: From Psyche to Consciousness* (Lanham, MD: Rowman & Littlefield, 2011), ISBN: 978-1-4422-1155-1  
**Note: The Popper, Kant, and Aristotle readings are in a Xerox bound packet available at Bel Jean Copy and Print Center (163 E. Broad St., Athens)**

### **SYLLABUS (subject to change):**

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|---------|--|
| 1/9 TH  | Introduction, Popper 113-130; Feynman 1-45                                   |
| 1/16 TH | Kant §63-66 (239-249), Jonas, 38-58; Feynman 47-86                           |
| 1/23 TH | Jonas 64-92; Feynman 89-113  |
| 1/30 TH | Dennett 35-60; 85-104; Feynman 115-138                                       |
| 2/6 TH  | Dennett 149-187; Thompson 91-127   |
| 2/13 TH | Dennett 104-145  |
| 2/20 TH | Aristotle, <i>On Plants</i> , 815a10-830b2 (Vol. 2: 1251-1271); Jonas 99-107 |
| 2/27 TH | Hegel, 303-351   |

3/6 TH Aristotle, *Physics*, Book VIII, Ch. 4, 5 254a7-258b9 (Vol. 1: 425-432); Hegel, 351-410

3/13 TH SPRING BREAK

3/20 TH Hegel, 410-445; Thompson 37-65

3/27 TH Thompson 128-165; Winfield 1-30

4/3 TH Thompson 221-242; Winfield 31-43

4/10 TH Thompson 243-266; Winfield 45-74

4/17 TH Thompson 312-359; Winfield 77-105

4/24 TH Winfield 107-141