

Shimer College Summer 2016 Courses

How to Cross-Register for a Shimer Class:

IIT students must email ugaa@iit.edu to fill out a [form](#) requesting permission to cross-register at Shimer College and contact Shimer Registrar [Jim Ulrich](#) at (312) 235-3523 or by email at: j.ulrich@shimer.edu to complete the process. For more information visit <http://shimer.edu/offices-staff/office-of-the-registrar.php>.

VanderCook students should consult with their academic adviser to determine the applicability of a Shimer class to their program of study and then contact Shimer Registrar Jim Ulrich at (312) 235-3523 or by email at: j.ulrich@shimer.edu and the VanderCook Registrar to complete the process. For more information visit <http://shimer.edu/offices-staff/office-of-the-registrar.php>.

For students who are approved to cross-register at Shimer, the cost of each course will be included in the student's home school tuition.

Lord of the Rings

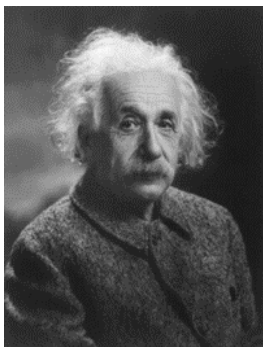
3 credits, M 10:30 am – 1:00 pm; IIT Equivalent: TBD



We'll read and discuss J.R.R. Tolkien's *The Lord of the Rings* and essays relating to it, focusing on the process Tolkien used to create Middle Earth and the broad themes present in the book. This three-credit course will meet on eight Mondays from 10:30 am to 1:00 pm. The first class is on June 6, there is no class on July 4, and the last class is on August 1.

Foundations of Mathematics and Logic (Integrative Studies 2)

5 credits, MW 2:00 – 4:00 pm; IIT Equivalent: Evaluated on individual basis



Integrative Studies 2 features the study of the foundations of mathematics and logic. This course includes a variety of logical, mathematical, and geometrical systems, both ancient and modern, that demonstrate both the power and the limitations of mathematics. The course is designed to increase students' abilities to think logically and express themselves with precision. Readings include texts by Euclid, Aristotle, Descartes, Einstein, and Lobachevsky. The class begins June 1 and will be offered on Mondays and Wednesdays from 2:00 pm – 4:00 pm.

Laws and Models in Chemistry (Natural Sciences 1)

5 credits, TR 1:00 – 3:00 pm; IIT Equivalent: Evaluated on individual basis



Natural Sciences 1 addresses the question, “What is the world made of?” The course begins with the study of the responses of Ancient Greek philosophers to that question, including Democritus’ theory of atoms, and concludes with Curie’s unnerving revelation that the “uncuttable” atom might be divisible into smaller pieces. The course focuses upon several key concepts, such as weight, structure, and complexity, in an attempt to understand the material basis of the world. Readings also include texts by Aristotle, Lucretius, Pascal, Bacon, Lavoisier, and Cannizzaro. The class begins June 2 and will be offered on Tuesdays and Thursdays from 1:00 pm – 3:00 pm.

The Nature of Light (Natural Sciences 3)

5 credits, TR 10:00 am – 12:00 pm; IIT Equivalent: Evaluated on individual basis



Natural Sciences 3 explores the nature of light. Students examine the development of the theories of falling bodies, gravitation, and electromagnetic forces in order to better understand optical phenomena. The investigation of physical theories includes exploration of such crucial scientific questions as these: What phenomena need to be explained? How are they explained? What constitutes a satisfactory explanation? Readings include texts by Galileo, Newton, Fresnel, Oersted, Faraday, Hertz, and Maxwell.

Natural Sciences 3 is a Designated Writing Course. The class begins June 2 and will be offered on Tuesdays and Thursdays from 10:00 am – 12:00 pm

Philosophy and Theology (Humanities 3)

5 credits, MW 11:00 am – 1:00 pm; IIT Equivalent HUM 300-level



Humanities 3 introduces students to philosophy, theology, and the Bible. Concentrating on significant texts in each discipline from antiquity until the early nineteenth century, the course investigates their distinctive methods of approach, their use of logic and narrative, and the problems they seek to solve. Readings include texts by Plato, biblical excerpts, Augustine, Aquinas, Teresa of Avila, Pascal, Locke, and Kierkegaard. The class begins June 1 and will be offered on Mondays and Wednesdays from 11:00 am – 1:00 pm.

SHIMER COLLEGE

Summer 2016 Schedule

Time	Monday	Tuesday	Wednesday	Thursday	Friday
10:00 - 12:00	Lord of the Rings	Natural Sciences 3		Natural Sciences 3	
	10:30 - 1:00				
11:00 - 1:00	Humanities 3		Humanities 3		
1:00 - 3:00		Natural Sciences 1		Natural Sciences 1	
2:00 - 4:00	Integrative Studies 2		Integrative Studies 2		

Barbara Stone	Bev Thurber	David Shiner
---------------	-------------	--------------

5/23/2016

Schedule Subject to Change

<u>Course</u>	<u>Instructor</u>	<u>Room</u>
Integrative Studies 2	David Shiner	Infinity
Natural Sciences 1	Bev Thurber	Infinity
Natural Sciences 3	Bev Thurber	Infinity
Humanities 3	Barbara Stone	Infinity
Lord of the Rings	Bev Thurber	Hutchins