

---

**SOUTHERN CALIFORNIA SEMINARY**  
2075 EAST MADISON AVENUE • EL CAJON • CALIFORNIA 92019-1108

**SR-553 HISTORICAL PERSPECTIVES ON SCIENCE AND RELIGION**

SUMMER 2017 MODULE 5  
MAY 9<sup>TH</sup> – JUNE 25<sup>TH</sup>  
TUES 7:00 PM – 10:00 PM & ONLINE

***PROFESSOR***

Dr. Jeremiah Mutie  
619-201-8954 (work phone)  
[jeremiah.mutie@socalsem.edu](mailto:jeremiah.mutie@socalsem.edu)

***ASSISTANT PROFESSOR***

Tom Lewis  
619-201-8956 (work phone)  
[tlewis@socalsem.edu](mailto:tlewis@socalsem.edu)

***COURSE DESCRIPTION***

This course evaluates the history of the relationship between science and religion in western thought, through the lenses of the main thesis: conflict and/or complexity. A survey of perspectives over the past two millennia will be considered, with emphasis on the pre-modern era, the Scientific Revolution, and the impact of Darwin on modern science and religious thought today. *3 Units*

***REQUIRED TEXTBOOKS***

1. *The Holy Bible*. A translation based on formal equivalence, such as the New King James Version or the New American Standard Bible, is recommended for study.
2. Ferngren, Gary B., ed. *Science and Religion: A Historical Introduction*. 2<sup>nd</sup> ed. Baltimore: Johns Hopkins University Press, 2017. (ISBN: 978-1-4214-2172-8) Price: \$ 29.00.
3. Bauer, Susan, *The Story of Western Science: From the Writings of Aristotle to the Big Bang Theory*. New York: W. W. Norton & Company, 2015. (ISBN: 978-0-393-24326-0) Price: \$ 26.95 (selected sections)
4. Brooke, John Hedley, *Science and Religion: Some Historical Perspectives*. Cambridge: Cambridge University Press, 2014. (ISBN: 978-1-107-66446-3) Price: \$19.99 (selected sections).
5. Draper, John William. *History of the Conflict Between Religion and Science*. New York: D. Appleton and Co., 1874 (available freely online at [www.gutenberg.org](http://www.gutenberg.org)). We only need the preface and chapters 1 and 2.

**Please Note:** In order to get your books before classes begin, it is your responsibility to order the texts at least one month prior to the start of class or be willing to pay expedited shipping.

### *STUDENT LEARNING OUTCOMES*

The student who successfully completes this course will be able to . . .	PROGRAM OBJECTIVES*	SCS INSTITUTIONAL OBJECTIVES*	COURSE REQUIREMENT (CR #)
1. <i>Understand</i> the theories advanced to explain the relationship between Science and Religion in history.	2,3,4,5,6	2,3,4,5,6	1,2,3,4
2. <i>Critically evaluate</i> the historical relationship between Science and Religion.	2,3,4,5,6	2,3,4,	2,3,5
3. <i>Develop</i> critical thinking, research, and writing skills for biblical study, apologetics, and communication.	2,3,4,5,6	2,3,4,6,8	1,5
4. <i>Produce</i> a personal workable theory of the relationship between Science and Religion that reflects your Christian worldview.	1,2,3,4,5,6	1, 2,3,4,5,6,7,8	1,2,5

\* *The program and institutional objectives are published in the Academic Catalog.*

### *COURSE REQUIREMENTS*

All written assignments will be turned in through Blackboard and will be processed through software to check for plagiarism.

1. *Book Review:* The student will submit a book review of four to five pages of the key textbook: *Science and Religion: A Historical Introduction* edited by Gary B. Ferngren (20% of the Final Grade)
2. *Reading:* The student will read the assigned weekly material carefully and critically. There will be a final exam on the readings. More details will be provided (20% of the Final Grade).
3. *Weekly Summaries:* The student will produce weekly summary papers of the material covered in the readings. These are short, succinct summaries of between 3 and 5 pages. These apply only to weeks 1–4 of the class readings. (40% of the Final Grade)
4. *Participation:* The student will participate appropriately in the course including: punctuality, respect of others, relevant questions meant for edification (not for personal attention), preparation from weekly readings, and meaningful discussion each week.

5. *Research Paper*: The student will choose an approved topic of interest related to the subject matter and write a well-researched paper of between 12 and 15 pages. The paper is to be formatted using Turabian style and must include at least 12 academic sources. These should be a mixture of primary and secondary sources, including academic articles on the subject. It should demonstrate the student's ability to synthesize his/her Christian worldview with science (20 % of the Final Grade).

### SEQUENCE OF INSTRUCTION

Read the table like this, "At Session \_\_\_\_ on \_\_\_\_\_, the scheduled session content is \_\_\_\_\_, and the assignment *due before that session* is \_\_\_\_\_."

SESSION	DATE	SESSION CONTENT	ASSIGNMENT DUE
1	5/9	<ul style="list-style-type: none"> <li>• Introduction</li> <li>• Analysis of the interpretive theories/paradigms of the relationship between science and religion.</li> </ul>	<ul style="list-style-type: none"> <li>□ Read Ferngren, <i>Science and Religion</i>, Introduction to Chapter 3</li> <li>□ Read Bauer, <i>The Story of Western Science</i>, chapters 1–2</li> <li>□ Read William, <i>History of the Conflict</i>, Preface to Chapter II and Brooke, <i>Science and Religion</i>, Chapter 1</li> <li>□ Submit Weekly Reading Summary by midnight Tuesday, May 9<sup>th</sup>.</li> </ul>
2	5/16	<ul style="list-style-type: none"> <li>• Interactions of Science and Religion in Pre-modernity: How far back do we go?</li> </ul>	<ul style="list-style-type: none"> <li>□ Read Ferngren, <i>Science and Religion</i>, Chapters 3–5; Bauer, <i>The Story of Western Science</i>, Part II, and Brooke, <i>Science and Religion</i>, Chapter 2</li> <li>□ Submit Weekly Reading Summary by midnight Tuesday, May 16<sup>th</sup>.</li> </ul>
3	5/23	<ul style="list-style-type: none"> <li>• God and Nature in the eve of Modernity and Early Modernity: The Age of Scientific Revolution</li> </ul>	<ul style="list-style-type: none"> <li>□ Read Brooke, <i>Science and Religion</i>, chapter 3</li> <li>□ Read Ferngren, <i>Science and Religion</i>, chapters 6–10</li> <li>□ Submit Weekly Reading Summary by midnight Tuesday, May 23<sup>rd</sup></li> </ul>

4	5/30	<ul style="list-style-type: none"> <li>• Science and Religion in the Introduction to Modernity</li> </ul>	<ul style="list-style-type: none"> <li>□ Read Ferngren, <i>Science and Religion</i>, chapters 11–15; Brooke, <i>Science and Religion</i>, Chapter 4</li> <li>□ Submit Weekly Reading Summary by midnight Tuesday, May 30<sup>th</sup>.</li> </ul>
5	6/6	<ul style="list-style-type: none"> <li>• Science and Religion in the Enlightenment</li> </ul>	<ul style="list-style-type: none"> <li>□ Read Brooke, <i>Science and Religion</i>, chapter 5; Ferngren, <i>Science and Religion</i>, chapters 16–17</li> <li>□ Present and get professor approval for your paper topics (full thesis)</li> </ul>
6	6/13	<ul style="list-style-type: none"> <li>• Science and Religion in the age of Natural Theology, Evangelicalism and/Fundamentalism</li> </ul>	<ul style="list-style-type: none"> <li>□ Read Ferngren, <i>Science and Religion</i>, chapters 18–22; Brooke, <i>Science and Religion</i>, chapter 6</li> <li>□ Read these two articles: Smith, James Ward. “Religion and Science in American Philosophy.” In <i>The Shaping of American Religion</i>. James Ward Smith and A. Leland Jamison, eds. 402–42 (Princeton: Princeton University Press, 1961) and Marsden, George. “The Collapse of American Evangelical Academia.” In <i>Faith and Rationality: Reason and Belief in God</i>. eds. Alvin Plantinga and Nicholas Wolterstoff (Notre Dame, IN: University of Notre Dame Press, 1983), 219–264. Professor will provide copies</li> <li>□ Continue working on your research paper</li> </ul>
7	6/20-25	<ul style="list-style-type: none"> <li>• Religion and Science in the twentieth Century</li> </ul>	<ul style="list-style-type: none"> <li>□ Final Exam, Book Review and Research paper due week</li> <li>□ Read Brooke, <i>Science and Religion</i>, chapters 7 to eight.</li> <li>□ Read Ferngren, <i>Science and Religion</i>, chapters 23 to 30</li> <li>□ <b>Submit all the final assignments by 6/25</b></li> </ul>

***STUDENT EVALUATION***

Reading Summaries .....	400	40%
Book Review.....	200	20%
Research Paper.....	200	20%
<u>Final Exam.....</u>	<u>200</u>	<u>20%</u>

1000 pts. 100%

***GRADE SCALE***

The final course grades are not given out until at least three weeks after the course is finished. A student will not be given their final grade unless the course has been paid for in full.

<b>Grade</b>	<b>Percent</b>	<b>Points</b>	<b>Grade</b>	<b>Percent</b>	<b>Points</b>
A	95–100%	950–1000	C	77–79%	770–799
A-	92–94%	920–949	C-	74–76%	740–769
B+	89–91%	890–919			
B	86–88%	860–889			
			For graduate students, a grade lower than “C-” will be lowered to		
B-	83–85%	830–859			
C+	80–82%	800–829			“F.”

***ATTENDANCE POLICY***

For the Modular Courses (21 lecture hours/ 7 weeks), more than 10 minutes missing from class is considered a Tardy, and more than 20 minutes missing from class is counted as an Absence. Two tardies = one absence. You are permitted one absence for a 7-week course. Two absences results in being dropped from the course.

General School Policy: A student who takes an absence from class will receive a penalty resulting in an immediate reduction of their final grade by 7 percent in a modular class and 3.5 percent in a trimester class. However, the student will have the ability to make up between 0 percent and all of the deduction at the professor’s discretion. Only extenuating circumstances such as hospitalization, death in the family, etc. will be considered for making up the deduction.

***LATE COURSE WORK POLICY***

No late work will be accepted with a passing grade. Late work will be given 50% of the earned total points. Only extenuating circumstances such as hospitalization, death in the

***ACADEMIC INTEGRITY***

Southern California Seminary expects its students to conduct themselves honestly in their personal and academic lives. If evidence arises of academic dishonesty, the dean of the program will investigate the matter and take appropriate action.

**Offenses Against Academic Integrity**

***Cheating.*** Cheating is never tolerated at SCS.

***Plagiarism.*** Plagiarism can occur intentionally or inadvertently. Intentional acts of plagiarism involve knowingly and willingly treating another person's work as one's own original work. It includes copying or imitating the words, sentences, outlines, or ideas of another person. Inadvertent plagiarism can occur when a student fails to properly cite original sources. Plagiarism will not be tolerated at SCS. Therefore, all offenses of plagiarism will be reported to the dean of the program in which the offense occurred and an investigation will be made to determine what disciplinary action should be taken.

Aiding or Conspiring in the Commission of Plagiarism. Helping someone commit plagiarism is viewed as equally dishonest as plagiarism, for all participating parties.

***Multiple Submissions.*** This offense occurs when a student submits a paper that was written for another course as if it were an original paper satisfying the requirements of the present course. Attempting to submit such work is deceptive and a form of academic dishonesty. On the occasion that a student's previous work has some potential for expansion, improvement, or to serve as a starting point for another line of thought (as with Doctrinal Summary/Synopsis) the student will be advised by the professor to what extent a particular previous work may be permitted. The professor may require that a copy of the previous work be submitted with the later work.

***LIBRARY***

The SDCC/SCS Library website is your gateway to library resources and information. For a complete description of the library's holdings, services, staff and access to its online collections, go to: <http://sdcc.edu/library>.