

Science and Religion - opis przedmiotu

Informacje ogólne	
Nazwa przedmiotu	Science and Religion
Kod przedmiotu	08.1-WH-UZ-F-SR- 2
Wydział	Wydział Humanistyczny
Kierunek	WH - oferta ERASMUS / Filozofia
Profil	-
Rodzaj studiów	Program Erasmus drugiego stopnia
Semestr rozpoczęcia	semestr zimowy 2018/2019

Informacje o przedmiocie	
Semestr	1
Liczba punktów ECTS do zdobycia	5
Typ przedmiotu	obowiązkowy
Język nauczania	angielski
Sylabus opracował	dr hab. Piotr Bylica, prof. UZ

Formy zajęć					
Forma zajęć	Liczba godzin w semestrze (stacjonarne)	Liczba godzin w tygodniu (stacjonarne)	Liczba godzin w semestrze (niestacjonarne)	Liczba godzin w tygodniu (niestacjonarne)	Forma zaliczenia
Ćwiczenia	30	2	-	-	Zaliczenie na ocenę

Cel przedmiotu

Acquaintance with chronological picture of relation between science and religion (Christian theism) in European civilization from ancient to contemporary and with contemporary state of discussion on types of relations between science and religion.

Wymagania wstępne

None.

Zakres tematyczny

1) Problem of demarcation between science and religion; 2) Fathers of the Church and pagan philosophy; 3) Theology and Aristotle's philosophy in medieval universities; 4) Theistic doctrine of creation and scientific revolution of XVI-XVII century, including the case of Copernicus and Galileo; religious position of scientists from Royal Society; 5) Enlightenment and critical studies of Bible; 6) Darwinism and religion: the problems of origin of life and human; 7) The difference between assumptions of science in scientific revolution and in contemporary science in the context of supernatural intervention; the problem of miracles and demonic possession; Near-death experiences; 8) Contemporary physics and theism: quantum physics and mind body dualism; The Big Bang and Creation; the concepts of multiverse, anthropic principles and theistic explanations of intelligibility of nature; 9) Types of relations between science and religion.

Metody kształcenia

Talk, lecture, work with sources, discussion, usage of multimedia technologies.

Efekty uczenia się i metody weryfikacji osiągnięcia efektów uczenia się

Opis efektu	Symbole efektów	Metody weryfikacji	Forma zajęć
Students know the relations between philosophical and scientific ideas		- dyskusja - praca pisemna	Ćwiczenia
Students are able to formulate philosophical problems and to formulate and explain their own attitudes toward science and religion relation		- aktywność w trakcie zajęć - dyskusja - praca pisemna	Ćwiczenia
Students are able to define and explain the main concepts which were employed in the studied texts		- dyskusja - praca pisemna - test	Ćwiczenia
Students are able to relate the concepts employed in debate on relation between science and religion with concepts known from other areas/ periods	- Faculty of Humanities - Institute of Philosophy Subject area of studies: Philosophy	- bieżąca kontrola na zajęciach - dyskusja - test	Ćwiczenia

Opis efektu	Symbole efektów	Metody weryfikacji	Forma zajęć
Students know the basic argumentation strategies which were employed in the texts studied during the course		• aktywność w trakcie zajęć • dyskusja • praca pisemna • test	• Ćwiczenia

Warunki zaliczenia

Particular classes will be ranking according to activity, multimedia presentation and verbal test. Three short essays (approx. 2000 words) on issues discussed in the classes and home readings. The condition of ranking the whole course will be a verbal test according to the total contents of the course.

Literatura podstawowa

1. Barbour Ian G., Issues in Science and Religion, Harper and Row, New York – Hagerstown – San Francisco – London 1971.
2. Barton John (ed.), The Cambridge Companion to Biblical Interpretation, Cambridge University Press, Cambridge 2003.
3. Bauman M. (ed.), Man and Creation: Perspectives on Science and Theology, Hills-dale 1993.
4. Brooke J. H., Science and Religion: Some Historical Perspectives, Cambridge Uni-versity Press, Cambridge 1999.
5. Bylica Piotr, Dariusz Sagan, God, Design, and Naturalism: Implications of Methodo-logical Naturalism in Science for Science-Religion Relation, „Pensamiento: revista de investigación e información filosófica” 2008, vol. 64, núm. 242, 621-638.
6. Johnson Phillip E., Reason in the Balance. The Case Against Naturalism in Science, Law, and Education, InterVarsity Press, Downers Grove 1996.
7. Kaku Micho, What happened before the Big Bang?, „Astronomy”, May 1996; 24, 5, s. 36-41.
8. Kragh Helge, Contemporary History of Cosmology and the Controversy over the Multiverse, „Annals of Science”, Vol. 66, No. 4, October 2009, s. 529-551.
9. Lewis Clive Staples, Miracles: A Preliminary Stud, Geoffrey Bles, London 1947.
10. Lewis Clive Staples, The Discarded Image: An Introduction to Medieval and Renais-sance Literature, Cambridge University Press, Cambridge 1967.
11. Lindberg D. C. and Numbers R. L., God and Nature. Historical essays on the En-counter between Christianity and Science, Berkeley – Los Angeles – London 1986.
12. Miller Kenneth R., Finding Darwin's God. A Scientist's Search for Common Ground Between God and Evolution, Cliff Street Books, New York 1999.
13. Plantinga Alvin, Methodological Naturalism?, „Perspectives on Science and Christian Faith” 1997, vol. 49, no. 3.
14. Polkinghorne John C., Science and Creation, Templeton Foundation Press, Phila-delphia and London 2006.
15. Polkinghorne John C., The Antropic Principle and the science and religion debate, „Faraday Paper” Number 4, April 2007, 1-4.
16. Saunders Nicholas, Divine Action and Modern Science, Cambridge University Press, Cambridge 2002.

Literatura uzupełniająca

Faculty of Humanities - Institute of Philosophy

Subject area of studies: Philosophy

1. Draper J. W., History of the Conflict between Religion and Science, New York 1897.
2. Drees Willem, Religion, Science and Naturalism, Cambridge University Press, Cambridge 1996.
3. Haught John F., Science and Religion: from conflict to conversation, Paulist Press, Mahwah 1995.
4. Livio M., Rees M., Anthropic reasoning, „Science”, Aug 12, 2005; 309, 5737, s. 1022-1023.
5. Merton T. K., Science, Technology and Society in Seventeenth Century England, „Osiris” 1938, 4, s. 432-434.
6. Russell Robert John, Special Providence and genetic mutation: A new defense of theistic evolution, in Robert J. Russell, William R. Stoeger and Francisco Ayala (eds.), Molecular Biology: Scientific Perspectives on Divine Action, Vatican Observatory and CTNS, Rome – Berkeley 1998, 191-223.
7. Van Till Howard, Are Bacterial Flagella Intelligently Designed? Reflection on the Rhetoric of the Mod-ern ID Movement, „Science and Christian Belief” 2003, vol. 15, no. 2, 117-140.
8. White A. D., A History of Warfare of Science and Theology in Christendom, Vol. I-II, New York – London 1917.
9. Życiński Józef, God and Evolution: Fundamental Questions of Christian Evolutionism, The Catholic University of America Press, 2006.

Uwagi

Zmodyfikowane przez dr hab. Piotr Bylica, prof. UZ (ostatnia modyfikacja: 07-05-2018 09:11)

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