GREAT CHALLENGES CURRICULUM

The Great Challenges Curriculum at Sacred Heart University offers students the opportunity to study a pressing challenge for present and future society through an inter-disciplinary minor in the liberal arts. In studying a Great Challenge minor, students will gain a broad and detailed understanding of the causes, complexities and potential solutions to the world’s great challenges. In each Great Challenges curriculum, knowledge is applied to real world issues through a practicum. The practicum will be fulfilled through research, internships, independent studies and other applied learning experiences approved by the program director. In fulfilling the requirements of a Great Challenges minor, students will also substantially fulfill their requirements of the Elective Core.

Great Challenge Minor Requirements

Students seeking the Great Challenges minor must complete the following:

- A foundational course (3 credits) that provides the conceptual framework for the minor.
- Four additional courses (minimum 12 credits) selected from an approved course list for the minor.
- A practicum course (3 credits) in the form of an independent study or internship that entails applied learning and/or research on a topic relevant to the minor.
- At least one course (may be a foundational, practicum or other course) in at least three of the following areas: humanities; social and behavioral sciences; natural and physical sciences; philosophy and religious studies.

Minor in Civic Engagement, Civil Society and the Common Good

STEPHEN LILLEY, PH.D.
Program Director

The development and survival of democratic and civil societies across the globe depends upon citizens who understand the importance of common aspirations, the history of such aspirations and the ramifications of fractured and divisive societies. The Minor in Civic Engagement, Civil Society and the Common Good (CCC) provides students the knowledge and skills they need to act as responsible and imaginative leaders in a dynamic world so that they may better promote community, just governance and international cooperation.

APPROVED COURSES

The following courses have been preapproved. Other electives or special topics offerings may be substituted with the approval of the program director.

* Indicates Foundational Course

Humanities

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>FYS 125</td>
<td>with appropriate CCC theme</td>
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<tr>
<td>CM 224</td>
<td>Democratic Technologies</td>
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<td>CM 254</td>
<td>Media and Democracy</td>
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<tr>
<td>HI 224</td>
<td>Freedom in American History</td>
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<td>HI 287</td>
<td>The Holocaust</td>
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<tr>
<td>ENXX</td>
<td>Protest Literature (To Be Developed)</td>
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Practicum

Social and Behavioral Science

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<tbody>
<tr>
<td>FYS 125</td>
<td>with appropriate CCC theme</td>
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<tr>
<td>PO 242</td>
<td>International Organizations</td>
</tr>
<tr>
<td>*PO 300</td>
<td>Foundations of Political Thought</td>
</tr>
<tr>
<td>PS 224/PO319</td>
<td>Political Psychology</td>
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<tr>
<td>*SO 224</td>
<td>Social Capital and Civil Society</td>
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</table>
SO 239  Diversity and Oppression in Contemporary Society
SO 259  Social Movements Practicum

Natural Science/Mathematics
FYS 125  with appropriate CCC theme
BI 102  Heredity and Society
BI 152  Environment and Sustainability
CS 319  Computer Ethics
MA 199  The Power of Decision Making - Voting and Game Theory

Religious Studies/Philosophy
FYS 125  with appropriate CCC theme
*PH 255  Political Philosophy
PH 322  American Philosophy
TRS 243  Ethics in World Religions
TRS 342  Human Rights
TRS 343  Philanthropy as Moral Action
TRS 344  Virtue Ethics

Minor in Ecology and the Global Community

KIRK BARTHOLOMEW, PH.D.
Program Director

The multi-disciplinary minor in Ecology and the Global Community offers students an opportunity to understand the ecological problems we face in depth while also preparing students to work towards viable solutions. The academic Minor in Ecology and the Global Community also prepares students for exciting and rewarding careers and graduate studies by providing the knowledge and skills they need to engage in “rational and honest planning” to work toward finding solutions to our ecological challenges.

APPROVED COURSES
The following courses have been preapproved. Other electives or special topics offerings may be substituted with the approval of the program director.

* Indicates Foundational Course

Humanities
ENG 354  Studies in Writing: Nature Writing Practicum

Social and Behavioral Science
FYS 125  with appropriate environmental theme
PO 242  International Organizations
PO 285  Future Politics
SO 254  Society and Economic Change
SO 257  Science, Technology and Society
*SO 258  Society and the Environment Practicum

Natural Science/Mathematics
FYS 125  with appropriate environmental theme
*BI 152  Environment and Sustainability
*BI 202/204  Populations to Ecosystems/Laboratory
*BI 265  Conservation Biology
CH 361  Environmental Chemistry
CH 365  Environmental Sampling and Analysis
PY 045  Physical Geology Practicum

Religious Studies/Philosophy
FYS 125  with appropriate environmental theme
*PH 299  Environmental Ethics
*TRS 345  Religion and Environmental Justice
Equality, Wealth and Philanthropy Program: Enhancing the Professional Preparation of Our Students

APPROVED COURSES
The following courses have been preapproved. Other electives or special topics offerings may be substituted with the approval of the program director.

* Indicates Foundational Course

Humanities
ENG 231   American Voices I
ENG 232   American Voices II
ENG 341   Studies in Black Writers in America
HI 202   Europe and the World
HI 207   History of Latin America to 1826
HI 208   History of Latin America since 1826
HI 209   The U.S. and Latin America through History
HI 212   Twentieth-Century Latin America
HI 216   Princes to Peasants
HI 223   United States History since 1865

Practicum

Minor in Equality, Wealth and Philanthropy

BRIAN STILTNER, PH.D.
Program Director

The Equality, Wealth and Philanthropy program will prepare students to become leaders in philanthropy and social change as these might be expressed in any number of career fields, including public health, public policy, education, business and work in religious and other nonprofit institutions.

The minor can also be part of a strong foundation for graduate studies in such fields as philanthropy, ethics and public policy. Internships will be an integral part of the

HI 224   Freedom in American History
HI 285   China in Revolution
HI 325   African-American History
HI 328   The Immigrant Experience
HI 377   The Great Depression and New Deal

*HX   Philanthropy in American History (To Be Developed)

Practicum

Social and Behavioral Science

FYSO 125   The Structure of Social Injustice
EC 101   Introduction to Economics
EC 202   Principles of Microeconomics
EC 203   Principles of Macroeconomics
EC 211   Economics of Social Issues
SO 201   Poverty and Inequality in the United States
SO 239   Diversity and Oppression in Contemporary Society
SO 254   Society and Economic Change
PO 299   American Education Policy
PO 308   Theories of Political Economy
PO 322   American Public Policy
*POXX   Philanthropy and Public Policy (To Be Developed)

SW 265   Social Welfare as a Social Institution
SW 266   Social Welfare Policy and Services

Practicum

Philosophy, Theology and Religious Studies

PH 255   Political Philosophy
TRS 342   Human Rights
TRS 343   Philanthropy as Moral Action

Practicum
Minor in Scientific Literacy in the 21st Century

PROGRAM CO-DIRECTORS:
Onoriode Ekeh, Ph.D.
Kenneth Knies, Ph.D.

One of the great challenges of the 21st century will be to match our practical dependence upon science with a comprehension of the meaning of its methods and discoveries. Modern science has dramatically increased our ability to predict and control nature. We have also turned the power of science to the ends of domination, war and self-aggrandizement. The problem of the use and abuse of scientific technologies and the problem of how to situate the meaning of modern scientific methods and discoveries within a comprehensive understanding of our world and our selves, is a pressing issue of our time. The Scientific Literacy in the 21st Century (SL21) minor will afford students the opportunity to combine an appreciation for scientific findings with an attention to how they fit into the larger picture of human meaning and existence.

APPROVED COURSES

The following courses have been preapproved. Other electives or special topics offerings may be substituted with the approval of the program director. Students must take any required prerequisites prior to taking an approved course that requires a prerequisite.

*Indicates Foundational Course

Humanities

FYS 125 with appropriate SL21 theme
CM 224 Democratic Technologies

Social and Behavioral Science

FYS 125 with appropriate SL21 theme
PS 110 Introduction to Psychology
PS 111 Thinking Critically About Psychological Science
PS 351 Brain and Behavior
PS 382 Systems and Theories of Psychology
PS 389 Advanced Special Topics
SO 110 Sociological Imagination
SO 257 Science, Technology and Society
SO 258 Society and the Environment

Social Movements Practicum

Natural Science/Mathematics

FYS 125 with appropriate SL21 theme
BI 102 Heredity and Society
BI 103 The Human Body
BI 111 Concepts in Biology I: Molecules to Cells
BI 112 Concepts in Biology II: Cells to Organisms
BI 152 Environment and Sustainability
CH 040 Chemistry, Society and the Environment
CS 319 Computer Ethics
MA 131 Statistics for Decision Making
MA 280 History of Mathematics
PY 045 Physical Geology
PY 090 Basic Astronomy

Science Practicum

Religious Studies/Philosophy

FYS 125 with appropriate SL21 theme
*PH 231 Philosophy of Knowledge
*PH 232 Philosophy of Science
*PH 256 Philosophy of Technology
*PH 270 Philosophical Anthropology
*PH 307  Philosophy of Lived Experience
*TRS 221  Understanding Theology
*TRS 222  Faith and Reason in the Catholic Tradition
TRS 272  Death and Dying in the World Religions
TRS 274  Religion, Health, and Healing
TRS 299  Religious Issues in Science Fiction
*TRS 323  Theology and the Human Person
*TRS 325  Faith and Science
TRS 340  Bioethics: Religious Approaches

Ethics Practicum