

CHEM 112	General Chemistry II
CHEM 201	Organic Chemistry I
CHEM 202	Organic Chemistry II
CHEM 440	Biochemistry I
CHEM 442	Biochemistry II

Plus one of:

CHEM 331	Chemical Thermodynamics and Reaction Dynamics
CHEM 332	Quantum Chemistry and Molecular Spectroscopy

Plus:

Twelve additional credits numbered BIOL 295 or higher.

Note: Four credits must be at the 400-level, excluding Research. Four credits may be in Research at the 300-level.

Four additional credits in CHEM, selected in consultation with the adviser.

Allied requirements

MATH 113	Calculus I (or equivalent)
MATH 114	Calculus II
PHYS 111	Introduction to Classical Physics I
PHYS 112	Introduction to Classical Physics II

Catholic Studies (CATH)

Briel (THEO), director, Hayden-Lemmons (PHIL), Joncas (THEO), A. Kennedy (THEO), R. Kennedy (MGMT), Menssen (PHIL), Reichardt (ENGL), T. Sullivan (PHIL), Thompson (THEO), Wallace (CATH)

The interdisciplinary program in Catholic Studies is designed to allow students to encounter the broad and diverse expressions of Catholic culture. While grounded in Catholic philosophy and theology, the program engages students with the imaginative and sacramental expressions of Catholic life in literature, the arts, social systems and personal experience. The program's interdisciplinary dimension gives students insight into the Church's dynamic interaction with and interpenetration of cultures, traditions, and intellectual life throughout history. By examining the role the church has played in various cultures, students are challenged to take seriously Catholicism's transforming power in every aspect of intellectual, spiritual, and social life.

Faculty who teach in the program are drawn from across the university and are united by a profound respect for Catholicism. They are committed to a high degree of interaction among themselves as well as with students. Students who choose to participate in the program thus enter into a community at once faithful and intellectual.

The program will appeal to students of any faith tradition who seek to deepen their knowledge of Catholicism's rich and living heritage. Its interpersonal approach and opportunities for sustained reflection on important issues invite students to a more profound and mature experience of faith.

Students graduating with a major in Catholic Studies will have a knowledge of the living Catholic tradition, and will be conversant with resources from the Catholic intellectual tradition that will permit them to explore critically the history and contemporary significance of Catholicism. They will be familiar with major Catholic figures from a variety of cultural and historical settings, and will be able to demonstrate a knowledge of the complex and broad history of the Catholic intellectual tradition.

The major consists of 32 credits: 20 credits in core courses and 12 credits in electives (two electives for double majors). The minor consists of 16 credits: 12 credits in core courses and four elective credits. Many courses are cross-listed with another department. Students majoring or minoring in other disciplines are invited to take an occasional course in the program at any time.

Major in Catholic Studies

240	Faith and Doubt
301	The Catholic Vision
312	Catholic Social Thought
334	Literature from a Christian Perspective
397	Topics

Plus:

Twelve credits in electives chosen from three of the following four categories:

CATH 222	The Catholic Literary Tradition: Medieval to Modern
THEO 310	Christian Worship

An historically based course from the interdisciplinary program in Catholic Studies or a course approved by the director

An aesthetics course from the interdisciplinary program in Catholic Studies or a course approved by the director

Interdisciplinary Programs

Minor in Catholic Studies

- 240 Faith and Doubt
- 301 The Catholic Vision
- 334 Literature from a Christian Perspective

Plus:

Four credits chosen from the following five categories:

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| CATH | 222 | The Catholic Literary Tradition: Medieval to Modern |
| CATH | 312 | Catholic Social Thought |
| THEO | 310 | Christian Worship |

An historically based course from the interdisciplinary program in Catholic Studies or a course approved by the director

An aesthetics course from the interdisciplinary program in Catholic Studies or a course approved by the director

222 The Catholic Literary Tradition: Medieval to Modern (ENGL 222)

This course surveys literary works with theological or spiritual themes that have contributed to the vitality of Catholic culture. The purpose of the course is to help students realize that Catholic culture has fostered a variety of literary expressions and has produced works that speak compellingly of human experience and sacramental life. Prerequisites: ENGL 111 and 112 or 190

234 Love, Sex and Friendship (PHIL 234)

A philosophical examination of the nature of human love. Possible topics include reciprocity and permanence, fidelity, romantic love, human sexuality, kinds of friendship. Special attention will be given to the thought of John Paul II.

Prerequisite: PHIL 115

240 Faith and Doubt (PHIL 240)

Philosophical arguments for and against the possibility of divine revelation. Special attention will be given to the claim that the faith of the Catholic Church is revealed. Possible topics include tests of alleged revelations and miracles, evil as a barrier to belief in revelatory claims, the compatibility of science and religion, the role of reason and faith in religious commitment, and personal decision-making in a state of doubt about evidence.

Prerequisite: PHIL 115

250 Christian Mysteries from a Philosophical Viewpoint (PHIL 250)

A consideration of philosophical problems associated with Catholicism. Possible topics include divine providence, creation, the soul, freedom of the will, faith, the Eucharist, the Incarnation, and the variety of religious beliefs.

Prerequisite: PHIL 115

272 Evolution and Creation (PHIL 272)

A philosophical examination of the relation between the doctrine of creation and theories in the evolutionary sciences. The course will consider arguments concerning evolution and creation from a variety of disciplines (including philosophy, theology, and natural science). The course will also examine historical and philosophical aspects of the relation between science and religion on the origins of the material world and the human race.

Prerequisite: PHIL 115

295, 296, 297, 298 Topics

The subject matter of these courses, announced in the annual *Class Schedule*, will vary from year to year, but will not duplicate existing courses. See the description of these courses at the beginning of the "Departments and Curricula" section of this catalog.

301 The Catholic Vision

At the center of the Catholic vision are the two great works of divine love: creation and salvation. This course considers the implications of these divine works for a radical reconsideration of the world and the human person. Readings are drawn from sacred Scripture, councils, and theologians throughout the tradition with specific attention given to the intellectual and spiritual consequences of Catholic doctrine. Possible authors studied include Augustine, Basil, Francis, Ignatius, Teresa of Avila, Pascal, Newman, Maritain and de Lubac. In addition, the visual arts and works of literature by such figures as Dante, Hopkins, O'Connor and Percy will provide important illustrative examples.

Prerequisite: THEO 101

306 Christian Faith and the Management Professions (THEO 306)

What is a good manager and how does he or she contribute to the common good? This course pursues these questions within the Christian social tradition broadly understood through an exploration of the theological relationship between work as a vocation and leisure as contemplation. Within this theological context, the course

examines the financial, organizational, technological, and cultural forces that managers and organizations encounter daily.

Prerequisite: THEO 101

312 Catholic Social Thought

Rooted in Scripture, Catholic thought on social questions has always constituted a challenge to communities to protect human dignity from the concrete threats of the day. As it matured, Catholic social thought developed both a theoretical framework as well as a set of principles and guidelines for structuring communities in ways that protect and advance human dignity. The purpose of this course will be to explore both dimensions of Catholic social thought in their historical origins and in their contemporary expressions. Although the course presupposes a theological context, the principal focus will be on the interdisciplinary contributions to and implications of Catholic social thought.

Prerequisite: Completion of the Social Analysis requirement in the core curriculum

326 Church in Latin America (THEO 326)

This course affords the opportunity to study Christian theology and practice in a context of great suffering and struggle. The course analyzes the various forms that Christianity has taken in Latin American history, with special emphasis on the period of the Spanish Conquest and the twentieth century. This course covers the outline of the history of the Church in Latin America, but more importantly examines the theological issues raised in each era to see how Christians have lived their faith under different circumstances. Theological topics explored include evangelization, Christology, sin, martyrdom, poverty, the Church, and the Eucharist. Students also study and critique specifically Latin American methods and approaches to the theological task itself. This course fulfills the Human Diversity requirement in the core curriculum.

Prerequisite: THEO 101

327 Theology of the Catholic Worker Movement (THEO 327)

Two Catholic laypeople, Dorothy Day and Peter Maurin, founded a movement in the 1930s aimed at applying traditional Christian thought to a profound political and cultural critique of modern American society. Still flourishing today, the Catholic Worker movement provides hospitality to the poor and a prophetic critique of the prevailing social order, based on a vision of all people as members of the mystical Body of Christ. This course examines the theoretical and practical implications of this movement, emphasizing its development of a theological politics and economics out of the traditional sources of Catholic theology; the Gospels, the Church Fathers, the saints, the liturgy, and papal social teaching. The course also examines criticisms of the movement from both within and without the Church. The course will include a field trip to a Catholic Worker community.

Prerequisite: THEO 101

334 Literature from a Christian Perspective (ENGL 334)

This course examines methods of reading and literary texts from a Christian perspective. The general question of the course is, "how does a reader engage works of imaginative literature from an intellectually serious Christian perspective?" The course studies works of criticism representing a variety of Christian viewpoints and applies them to literary texts that are explicitly Christian in themes as well as those which invite, or are enriched by, a Christian perspective.

Prerequisites: ENGL 111 and 112 or 190

356 Music and the Bible (THEO 356)

This course explores the social, cultural and religious contexts for music-making among biblical peoples and the primitive Christian communities. Students will learn to do detailed analysis of psalm and canticle texts in the Old Testament and acclamations, infancy canticles, God-hymns, Christ-hymns and psalmody in the New Testament. Implications for present-day worship and spirituality will also be addressed.

Prerequisite: THEO 101

357 Sacred Music of the Catholic Heritage (THEO 357)

Music both expresses and shapes religious experience. This course explores the practice and theory of music-making in Catholic worship and devotion. Special emphasis will be given to the study of Gregorian chant as foundational for Roman Rite worship music, the historical development of other forms of Catholic church music, and contemporary issues of music, culture and spirituality.

Prerequisite: THEO 101

364 Science and Christian Theology (THEO 364)

This course is an introduction to the interrelationship between Christian theology (the understanding of the Christian faith), and the natural sciences. It explores the relationship between scientific and theological methods and modes of knowledge, and considers some of the central topics of Christian theology – God, creation, providence, resurrection, and afterlife – in the light of modern scientific evidence and theories.

Prerequisites: THEO 101, PHIL 115, some college-level background in science, preferably biology, physics, or chemistry

Interdisciplinary Programs

397 Topics

This course will examine in detail a small focused set of questions arising from one or more areas of the interdisciplinary program in Catholic Studies. Topics will vary from year to year but will not duplicate existing courses. The selection in any given semester will depend upon the interest of the students and instructors and on the availability of community resources (for example, guest lecturers). Some examples of subject matter include: Is Christian tragedy possible? Does Catholic belief conflict with the findings of modern science? What is the relationship of Catholicism to various economic systems?

483, 484, 485, 486 Seminar

See the description of these courses at the beginning of the "Departments and Curricula" section of this catalog.

487, 488, 489, 490 Topics

The subject matter of these courses, announced in the annual *Class Schedule*, will vary from year to year, but will not duplicate existing courses. See the description of these courses at the beginning of the "Departments and Curricula" section of this catalog.

491, 492, 493, 494 Research

See the description of these courses at the beginning of the "Departments and Curricula" section of this catalog.

495, 496, 497, 498 Individual Study

See the description of these courses at the beginning of the "Departments and Curricula" section of this catalog.

Classical Civilization (CLAS)

Chew (M&CL), director

The study of Classical civilization – the cultures of ancient Greece and Rome and their relationship to the societies of the Mediterranean and the Near East – is the origin and foundation of the modern university. To this day, it continues to be a model of an interdisciplinary approach to the study of culture, combining fields of literature and language, history, archaeology and art history, religious studies, and philosophy.

The Classical Civilization major at St. Thomas provides an opportunity for students to integrate various disciplines in the study of a subject. It also provides an awareness of the origins of modern culture and religion and the influence of other ancient cultures of the Near East and Egypt upon its formation. This interdisciplinary program includes an introductory foundation course, a series of courses from a variety of supporting disciplines, and a capstone senior paper requirement.

Major in Classical Civilization

CLAS	245	Classical Mythology
CLAS	397	Topics
CLAS	480	Senior Paper
ENGL	220	The Classical Tradition
HIST	111	Origins of the Modern World to 1550
HIST		300-level ancient history course approved by director
PHIL	200	Ancient Philosophy

Plus one of:

GRK	212	Intermediate Greek II (prerequisites may be necessary)
LAT	212	Intermediate Latin II (prerequisites may be necessary)
GRK or LAT		Four credits numbered above 212

Plus one of:

ARTH	305	Greek Art and Archaeology
ARTH	310	Roman Art and Archaeology

Plus two of the following courses not already taken above:

ARTH	305	Greek Art and Archaeology
ARTH	310	Roman Art and Archaeology
COMM	440	Classical Rhetoric
GRK	342	Greek Reading and Exegesis: John
GRK		additional course
HIST	302	Classical and Early Hellenistic Greece
HIST	304	The Roman Republic and the Early Principate
HIST	306	The World of Late Antiquity: A.D. 284-641
HIST	307	The Church in the Roman Empire to A.D. 395
LAT	360	Philosophy in Latin Texts
LAT		additional course