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2009 - 2010

Benedictine Excellence in Education
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CURRICULUM GUIDE

SAINT SCHOLASTICA ACADEMY - 2009-2010

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St. Scholastica Academy admits students of any race, religion, color, national and ethnic origin to all the rights, privileges, programs and activities generally accorded or made available at the school.

SCHEDULING CALENDAR

SAINT SCHOLASTICA ACADEMY 2009-2010

Friday, February 6

Curriculum Assembly

Monday, February 9

Advisors meet with advisees about course

through Friday,

selections. Students obtain necessary

March 6

signatures for course selections.

Tuesday, Wednesday,

Registration - Course Request Sheet

and Thursday,

- Tuition Payment Contract

March 10, 11, and 12

- Registration Fee of \$300.00

The late registration charge for any schedule received from a returning student after Thursday, March 12, but on/or before Friday, May 1 is \$50.00; \$75.00 from May 4 to July 31; and \$100.00 from August 3 on.

Each student will discuss her course requests with her advisor, who will check that all data required on each side of the course request sheet is complete before signing this sheet. Courses requiring faculty signatures for approval must be signed whether these are first requests or alternates.

After the student has chosen her subjects for the next school year, she and her parent/s or guardian/s are to sign the course request form and return it on March 10, 11, or 12 with a nonrefundable registration fee of \$300. This completed course request sheet is her registration for 2009-10. No post-dated checks can be accepted.

Course request sheets will not be accepted until all required signatures are filled in. **COURSE REQUEST SHEETS MUST BE RETURNED WITH A SIGNED TUITION AND FEE CONTRACT.**

New course request sheets are available in Office 117 for 25 cents.

FOR ANY STUDENT-INITIATED COURSE REQUEST CHANGE/S MADE AFTER JULY 1, A \$25 FEE WILL BE CHARGED. AFTER AUGUST 14, 2009, NO CHANGE/DROP/ADD IN SCHEDULE WILL BE CONSIDERED FOR ANY STUDENT WHO RECEIVED ALL HER COURSE REQUESTS.

A student who has failed one or more subjects and is therefore lacking the required number of units of credit may not return to St. Scholastica Academy until this deficiency is removed. Courses required for graduation which are taken in summer school must be taken at St. Scholastica Academy, if they are offered. **Students must have prior approval for any summer school course not taken at St. Scholastica Academy from the Vice Principal. This is to assure that we will be able to accept the credit.** No summer school course will be included in a student's cumulative grade point average.

St. Scholastica Academy reserves the right to dismiss a student who does not work up to her academic ability and/or does not make every effort to maintain high standards of conduct.

Minimum number of units of credit required in August, 2009: Sophomores ('12) 4.75; Juniors ('10) 10.5; Seniors ('10) 15.5

Any course which has a space or section limitation will be filled in registration order. We reserve the right to cancel any course.

COLLEGE PREPARATORY PROGRAMS The vast majority of St. Scholastica Academy students continue their education after high school. It is important, therefore, that students choose courses with their educational goals in mind. In addition to a firm foundation in academic areas, colleges also seek out students who give evidence of a broad spectrum of interest and involvement. Courses in the Fine and Practical Arts and co-curricular activities help to enrich students as persons as well as make them more viable candidates for many colleges.

FOUR-YEAR SEQUENCES OF COURSES LEADING TO THE IB DIPLOMA

Theology I	Theology II	Theology III	Theo. IV/Philosophy
Pre-IB English	Pre-IB English	IB English (HL)	IB English (HL)
Pre-IB Algebra I	Pre-IB Geometry*	IB Math Methods (SL)	IB Math Methods (SL)
Pre-IB World Geography	Pre-IB World History	IB The Americas I (HL)	IB The Americas II (HL)
Pre-IB Mod. Lang.	Pre-IB World Geography	IB Modern Lang. (SL)	IB Modern Lang. (SL)
Honors Physics Appreciation Program	Pre-IB Mod. Lang. Pre-IB H Chemistry	IB Biology (HL) IB Sixth Subject (SL)	IB Biology (HL) IB Sixth Subject (SL)
Phy. Ed. I	Speech Consumer Econ. Health	T.O.K. I	T.O.K. II

* Summer school Pre-IB Algebra II (between Sophomore and Junior year)
HL: Higher level; SL: Standard level

Sixth Subject options (SL): At present, the following courses are offered: Art/Design, a 3rd modern language, Theatre, and Philosophy (which may be used to satisfy the theology course requirement in Senior year.)

IB FEES

While these fees are for the 2008-09 school year, we thought it would be helpful for you to know the current fees for testing. Some years there has been no increase in the fees, and some years there has been a small increase. If a student takes tests in her Junior year and Senior year the cost is divided over the two years. If a student takes tests in her Senior year only, the entire cost is paid Senior year.

Full Diploma Student - All tests Senior year

Registration	\$129.00
Subject fees	<u>528.00</u> (6 tests at \$88.00 each)
	\$657.00 total

Certificate Student - All tests Senior year

Registration	\$129.00
Subject fees	<u> </u> (\$88.00 per test - number of tests will vary)
	\$129.00 (plus \$88.00 per test) total

Full Diploma Student - Tests both Junior and Senior year

Junior year

Registration	\$129.00
Subject fees	<u>88.00</u> (1 test)
	\$217.00 total

Senior year

Registration	0
Subject fees	<u>440.00</u> (5 tests)
	\$440.00 total

Certificate Student - Tests both Junior and Senior year

Junior year

Registration	\$129.00	Registration	\$129.00
Subject fees	<u>88.00</u> (1 test)	Subject fees	<u>176.00</u> (2 tests)
	\$217.00 total		\$305.00 total

Senior year

Registration	\$129.00
Subject fees	<u> </u> (\$88.00 per test)
	\$217.00 (plus \$88.00 per test) total

VALEDICTORIAN AND SALUTATORIAN

The Valedictorian and Salutatorian for each graduating class will be determined by the 3rd quarter of the eighth semester's cumulative GPA.

To qualify for the honor of Valedictorian or Salutatorian, a senior must have attended St. Scholastica Academy for her junior and senior years (4 semesters).

OUTSTANDING SCHOLARS DIPLOMA

An Outstanding Scholars Diploma is awarded to each student who has taken a minimum of eight pre-IB/IB/honors classes and has achieved a cumulative grade point average of at least 3.75.

GRADUATION REQUIREMENTS – The minimum number of credits for the class of 2010 for graduation is 20.5. The minimum number of credits for the classes of 2011, 2012, and 2013 is 22.0.

4 units of English	2 units of Science (1 unit must be Biology)
3 units of Social Studies* (including U.S. History)	.5 unit of Speech 1 unit from Information Technology or Fine Arts
2 units of Theology	
2 consecutive units of the same Language	.25 unit of Consumer Economics 1 unit of Physical Education
3 units of Mathematics	

* Every student is required to pass an examination on the Declaration of Independence, the United States Constitution, the Constitution of the State of Illinois, and the flag of the United States. This test is administered by the Social Studies Department and given in conjunction with the U.S. History classes.

The grade in the following courses is multiplied by .85 when the grade point average is computed:

English 110, 117, 211, 311, 411
Mathematics 120, 220, 322, 421
Science 261, 361, 461
Social Studies 131, 331, 431

The grade in the following courses is multiplied by 1.15 when the grade point average is computed:

English 115, 215
Mathematics 125, 225, 327
Social Studies 135, 235
Modern Languages 142, 242, 244
Science 265, 367, 465, 469
Fine Arts 477

The grade in the following courses is multiplied by 1.30 when the grade point average is computed:

Theology 404
English 314, 414
Mathematics 424, 524
Social Studies 336, 436
Modern Languages 344, 354, 444
Science 368, 468
Fine Arts 376, 708

<u>Departments</u>	<u>Chairpersons</u>	<u>Office</u>
Theology	Sr. Susan Quaintance	213
Information Technology	Ms. Thiel	103
Fine Arts	Ms. Martin	57
English	Ms. Pajakowski	213
Modern Language	Ms. Myers	209
Counseling	Ms. Holzhauer	100B
Mathematics	Ms. Brewer	309
P.E./Health	Mr. Martinez	113
Science	Ms. Brewer	309
Social Studies	Sr. Mary Ann O’Ryan	37

DESCRIPTION OF COURSES FOR 2009-2010

*Faculty signature required for courses.

#Course enrollment limited: inclusion in the course (barring course conflicts) is determined by the time of payment of the registration fee.

Course open to: (1) freshmen; (2) sophomores; (3) juniors; (4) seniors

When a faculty signature is required and the student is not currently enrolled in a course in that department, she is to contact the department chairperson for the signature.

THEOLOGY

100 Introduction to Catholic Christianity and Scripture (1)

Theology I students engage in the study of Catholic Christianity through a contextual view of the Hebrew and Christian scriptures. Course material is presented with a sensitivity to other religious traditions and to the unique developmental needs of adolescents. The freshman theology program provides the opportunity for the student's personal involvement in the process of her faith development through written reflections and application of themes to her own life. Participation in the Academy retreat program is a required component of this course.

200 Christian Lifestyles and Morality (2)

The Theology II Lifestyles component examines identity and relationship in a Christian context. These issues are then considered before and within life vocations. The course introduces communication and conflict resolution skills. Students study various topics relating to human sexuality from a Christian perspective. In the Morality component students engage in a program which examines moral decision-making in both its personal and social dimensions. Students analyze various influences which have an impact on their decision-making processes, including culture, media, and religion. A structure for responsible decision-making is also taught. Participation in the Academy retreat program is a required component of this course.

300 Peace and Justice (3)

Theology III students investigate the personal and global dimensions of current issues of peace and justice and evaluate them from a Christian perspective. Topics covered include human rights, poverty, hunger, peacemaking, racism, sexism, and the environment. This course employs a social-analytic approach to these issues, thus offering students a method of analysis that is valid for many life situations. The course also awakens students to the social dimensions of the Christian faith and empowers them to live out gospel values in their daily lives. A minimum of 25 hours of service is a requirement of the course. This field experience in which students interact with persons of need outside their normal environment is reflected on and processed through journal keeping, class reflection, and discussion. Participation in the Academy retreat program is a required component of this course.

400 Personal History and Religious History (4)

Theology IV students examine the unique developmental path of every individual as it is supported and interpreted by the great religious traditions of East and West. This course integrates considerations of the meaning and nature of faith, its appropriation and internalization, as a function of human development. Concurrent with self as locus of study, the origins and development of Zoroastrianism, Hinduism, Buddhism, Judaism, Christianity, and Islam in historical context will be studied. Special emphasis will be given to the history of Christianity and the identification and emphases of each student's spirituality. Students will identify and pursue other spiritualities and traditions, in which they have interest, including (among others) Native American, Sikh, Taoist, Confucian, and Shinto. Participation in the Academy retreat program is a required component of this course.

* 404 IB Philosophy: Being Human and Human Being (Honors) (4)

Philosophy deals with issues that are profound, usually difficult, and important for humanity. IB Philosophy explores the fundamental questions that people have asked since the beginning of time - including questions around the meaning and purpose of God and of human existence, and confronts new problems arising within contemporary society. These questions are explored through a thematic exploration of key texts and related exercises designed to teach the method of doing philosophy. The IB requirement of two papers for internal assessment and the writing of the two-part examination, as well as participation in the Academy retreat program, are also course requirements.

Pre-requisites: Current enrollment in three IB courses; interview with and signature of Ms. Hamill.

ENGLISH

110 Introduction to Literature and Composition (1)

This course is a study of the major genres of literature (the short story, non-fiction, poetry, drama and the novel) and of varied means of responding to these critically and thoughtfully. Also included is an in-depth review of grammar, usage and spelling, along with particular attention paid to sentence structure. The expository essay is introduced. Vocabulary development will be based on the study of Greek roots and affixes, using Word Clues.

- 113 Introduction to Literature and Composition (1)
This course is a study of the major genres of literature (the short story, non-fiction, poetry, drama and the novel) and of varied means of responding to these critically and thoughtfully. Vocabulary development is stressed for reading comprehension and writing enhancement. Brief reviews of grammar, usage and spelling are provided with an eye toward strengthening the sentence and paragraph structure. Vocabulary development will be based on the study of Greek roots using Word Clues.
- 115 World Literature I (Pre-IB/Honors) (1)
This accelerated course concentrates on the critical reading of literature, thoughtful discussion, and composition pertinent to the readings. A knowledge of basic skills in grammar, usage, and spelling is assumed. Vocabulary development will be based on the study of Greek roots using Word Clues. The literature will involve a chronological survey of representative writings from world literature beginning with the earliest myths and continuing through the 18th Century. Essay writing is emphasized with a concentration on the expository form. (By invitation only)
- 117 Language Arts (College Prep I) (1)
This course focuses on improving reading comprehension, fluency, and vocabulary. Students will study short stories, essays and dramas from modern and period literature, demonstrating analytical and critical skills through a variety of writing and presentation assignments. Vocabulary study includes academic vocabulary used across the curriculum as well as lessons integrating Greek roots and affixes from Word Clues.
- * 211 American Literature (2)
This course is an integrated study of English skills, literature, and composition. Students will work on increasing their facility in grammar, usage, spelling, vocabulary, and the use of the library. The literature will emphasize American writings including short stories, novels, essays, poetry, and drama. Paragraph writing will be reviewed as an introduction to essay writing which will include both formal and informal essays. Vocabulary development will be based on the study of Latin roots and affixes, using Word Clues.
- * 213 American Literature (2)
This course is an integrated study of English skills, literature, and composition. Students will work on increasing their facility in grammar, usage, spelling, vocabulary, and the use of the library. The literature will involve a chronological survey of representative American writings from the Native American oral literature to the present. Paragraph writing will be reviewed as an introduction to essay writing, with emphasis on the formal three-part essay used in literary analysis. Vocabulary development will be based on the study of Latin roots and affixes, using Word Clues.
- * 215 World Literature II (Pre-IB/Honors) (2)
This accelerated course concentrates on the critical reading of literature, thoughtful discussion, and composition pertinent to the readings. A knowledge of basic skills in grammar, usage, and spelling is assumed. Vocabulary development will be based on the

study of Latin roots using *Word Clues*. The literature will involve a chronological survey of representative writings from world literature beginning with the 19th Century and continuing into the late 20th Century. Essay writing is emphasized with a concentration on the expository form and the research paper skills will be taught.

* 311 World Literature I (3)

In this course students concentrate on reading, writing, and discussion skills. Discussion and composition center on readings. Vocabulary study is etymological. Expository writing will be stressed. Students will also learn research skills culminating in the preparation of a short research paper.

* 313 British Literature (3)

A chronological approach is used to teach the literature of major British writers studied, against the background of the various historical periods from which these writers emerged. Essay writing will be emphasized, and research skills will be reviewed, culminating in a short research paper. Students will review and apply the skills of grammar, usage, mechanics, and spelling, and continue to work on vocabulary improvement through the study of Latin roots, using *Word Clues*.

* 314 IB English III (Honors) (3)

The first year of the two-year IB English sequence focuses on several essential questions which emerge in classical literature as well as selections from Great Britain and the Americas. The course develops skills in close reading and analysis of the text. The students will be expected to participate in a variety of oral activities and to produce well-written expository essays based on the works studied.

* 411 World Literature II (4)

In this course students will concentrate on enhancing skills needed for reading, writing and discussion. Vocabulary study is etymological. Discussion and composition center on the readings as skills are reviewed and enhanced. The students will also review research techniques and write a short paper. Vocabulary improvement will continue through the study of Latin roots, using *Word Clues*.

* 413 World Literature (4)

In this course students will read representative works from prominent authors from all parts of the world, beginning with the ancient creation myths and legends and continuing to the present. Critical analyses will be done through both discussion and written work. The expository essay will be emphasized. Students will also review research techniques and write a short research paper. Vocabulary study will be continued through the study of Latin roots, using *Word Clues*.

* 414 IB English IV (Honors) (A. P. Option) (4)

The second year of the two-year IB English sequence focuses on close reading and analysis of poetry, plays, and novels from Europe and the United States. As in the first year of this course, the students will be expected to participate in oral activities and to produce well-written expository papers. The IB examination, a requirement of this course, will be written in May. Vocabulary study will be continued through the study of Latin roots, using *Word Clues*.

480 Introduction to Journalism: Semester Course (2, 3, 4)

This course can be taken for one semester (0.5 credit) or a full year (1.0 credit). The course focuses on the basic elements of journalism and photojournalism, including reporting and writing news stories, interviews and features articles; the journalistic Code of Ethics; First Amendment issues; and the role of journalism in a democracy. Students are required to follow local and national news items and to create a portfolio of work. Additionally, students learn the basics of news photography and will become proficient in InDesign and Photoshop. Students in this class are reporters and photographers for *The Raven* school newspaper (both print and online versions) and for *Scholastican*, the SSA yearbook.

481 Introduction to Journalism: Full Year Course (2,3,4)

Please see course 482 for the course description.

482 Intermediate Journalism: Semester Course (3,4)

This course can be taken for one semester (0.5 credit) or a full year (1.0 credit). The course focuses on the editorial issues of journalism and photojournalism, including determining coverage of news events, writing editorials and determining editorial policy, and layout design. Students are required to follow local and national news items, to attend at least one outside news event, and to add to their portfolio of work. In addition to written news assignments and photo gallery collections, students will learn the basics of video interviews and become proficient in creating and editing audio and video reports. Students in this class function as editors as well as reporters and photographers for *The Raven* school newspaper (both print and online versions) and for *Scholastican*, the SSA yearbook.

Pre-requisite: Introduction to Journalism 480 or equivalent.

483 Intermediate Journalism: Full Year Course (3,4)

Please see course 482 for the course description.

484 Advanced Journalism: Semester Course (4)

This course can be taken for one semester (0.5 credit) or a full year (1.0 credit). Students in this course act in top-level editorial roles and will be responsible for the content and design of *The Raven* and *Scholastican*. Additionally, they will be overseeing the work of the newspaper and yearbook staff, running training classes, determining coverage of news events and formulating editorial policy. Students are required to follow local and national news items, to attend at least one outside news event, to represent SSA at journalism meetings and conventions, and to add to their portfolio of work which will include news reports, audio/video interviews and yearbook pages. Students in this class function as top-level editors as well as reporters and photographers for *The Raven* school newspaper (both print and online versions) and for *Scholastican*, the SSA yearbook.

Pre-requisite: Intermediate Journalism 481 or equivalent.

485 Advanced Journalism: Full Year Course (4)

Please see course 484 for the course description.

MATHEMATICS

A Texas Instruments TI 83 Plus, 84 or 84 Plus (Silver) is required for all mathematics and physics course. Please bring all new calculators with the original packaging to your math teacher to confirm your purchase choice.

120 Integrated Math I (1)

This course is the first year of a two-year course focused on Algebra I concepts and introductory Geometry concepts. It is designed to serve first year students who are able to succeed in mathematics with practice, hands on applications and examples that can be applied to every day experiences. The Algebra I concepts that are introduced include: integers, rational numbers, real numbers and their operations; beginning statistical relationships between data; ratios and rates; variation; linear relationships and functions; inequalities. The Geometry concepts that are introduced include: recognizing patterns, angle relationships, area; similar polygons; Pythagorean theorem. This course creates an environment where students can succeed in mathematics while enjoying the content. It is designed to help first year students adjust to high school level math and to prepare them for the second year of this course, Integrated Math II. An approved calculator is required.

123 Algebra I (1, 2)

This course presents the language and structure of Algebra as well as applications of algebraic concepts in real world situations. It covers equations, inequalities, deductive proofs, coordinate graphs, real numbers, and the connection between algebra and geometry. Arithmetic skills are maintained throughout the course by continual use in connection with the algebraic work. An approved calculator is required.

125 Algebra I (Pre-IB, Honors) (1)

This course is an in-depth study of Algebra I. Students will work extensively with linear and quadratic functions. This course is fast paced and challenging. It is designed to prepare students for the demands of the IB math program. Students will connect Algebra I content to real world situations. An approved calculator is required.

Pre-requisite: High score in math on the high school placement test or by recommendation of the Math Department.

* 220 Integrated Math II (2)

This is the second part of a two-part course that integrates the studies of algebra and geometry. The aim of this course is to complete the algebra and geometry studies that began in Integrated Math, preparing students for Topics in Algebra as well as upcoming standardized tests. The course introduces statistics, quadratic and cubic functions as well as geometric reasoning and proofs. An approved calculator is required.

Pre-requisite: Integrated Math I

* 223 Geometry (2, 3, 4)

This course is a logical approach to two and three dimensional space. Emphasis is on the structure of proof, both direct and indirect. The course covers the properties of triangles,

polygons, circles and the theorems of similarity and congruence. An approved calculator is required.

Pre-requisite: Algebra I

* 225 Geometry (Pre-IB/Honors) (2, 3, 4)

The Honors class covers the same material as in 223 in still greater depth, but with emphasis on a connection to algebra, properties of geometric figures and analytic geometry. An approved calculator is required.

Pre-requisite: Algebra I Honors or the approval of the Math Department.

* 322 Topics in Algebra (3, 4)

This course offers a review of Algebra I and a survey of Algebra II, stressing building skills in problem solving. Topics include equations of one and two variables, matrices, quadratics, inequalities, functions, factoring and coordinate geometry. This course is good preparation for the ACT and SAT. An approved calculator is required.

Pre-requisite: Geometry or Integrated Math II.

* 323 Algebra II (2, 3, 4)

This course is a continuation of Algebra I, with special emphasis on more advanced topics in Algebra such as functions and their graphs, higher degree polynomials, modeling problem situations, and data analysis using regression equations. This course is highly recommended for the student who is college bound or has the interest and ability to continue in mathematics. An approved calculator is required.

Pre-requisite: Geometry

* 327 Algebra II (Pre-IB/Honors) (1, 2, 3, 4)

This second course in Algebra, giving a more in-depth development of those topics presented in Algebra I, works to a great extent with the real number system, functions, and problem solving. Other topics covered include fitting a model to data, regression equations, matrices, and trigonometry. An approved calculator is required.

Pre-requisite: Successful performance on St. Scholastica Academy's Algebra I test or in Algebra I Honors at St. Scholastica Academy, or by the recommendation of the Math Department.

* 421 Applied Math (4)

This course is an alternative to Pre-Calculus for students who do not plan to take Calculus in college but still think that a fourth year of mathematics would be beneficial. The first unit will review pre-algebra, elementary algebra, trigonometry and geometry in the context of reviewing for the ACT. The rest of the units will cover finding patterns, finances, probability and statistics, and geometric applications. Then students will apply the primary concepts from their prior algebra and geometry classes to potential real life applications by completing projects and using technology throughout the course. An approved calculator is required.

Pre-requisite: Algebra II or Topics in Algebra.

* 423 Pre-Calculus (3, 4)

This is both an integration and enrichment course, focusing on graphical behavior, geometric transformations and zeros. Polynomial, exponential, logarithmic, and trigonometric functions are studied. Advanced topics such as complex numbers, and limits are investigated. Most students who complete this course, and who do well, can expect to take Calculus as their first college course. Pre-Calculus is highly recommended for students who intend to go on in mathematics, science, medicine or business. All college bound students would find it beneficial. An approved calculator is required.

Pre-requisites: Algebra II and Geometry

* 424 IB Math SL I/Precalculus (Honors) (3, 4)

The IB/Honors class covers the same material as in 423 but in greater depth. Since this is a college type course, students will be expected to do much work on their own, both in school and at home. This course begins to prepare students for the IB test. In addition, students will complete two or three portfolio projects that will be submitted to IB. An approved calculator is required.

Pre-requisites: Algebra II Honors or by the recommendation of the Math Department.

* 524 IB Math SL II/ Calculus (Honors) (4)

This course consists of work in calculus and related topics comparable to courses taught in colleges and universities. This course will cover the differential and integral calculus of functions of a single variable and plane analytic geometry. It is designed to combine theoretical development of the subject with sound training in techniques and applications. All students will be preparing for the IB Math SL Test and may elect to also take the AP Calculus AB Test. In addition, the students will complete several projects which may be included in their portfolio submission to IB. An approved calculator is required.

The student will be expected to attend any special problem sessions deemed necessary by the teacher and/or the class.

Pre-requisite: IB Math SL I and the approval of the Math Department.

SOCIAL STUDIES

Social studies courses require a signature from the social studies department chairperson.

131 World Geography (1)

This course is an introduction to social studies through the study of physical and cultural geography. Students will develop and use skills in locating places, understanding geographical vocabulary, and reading maps, tables, charts, and graphs. They will learn about landforms, bodies of water, climates, population patterns, political systems, cultural traditions, economic activities, and environmental issues in all of the regions of the world. Study skills are emphasized in this course.

- 133 World Geography (1)
This course is an introduction to social studies through the study of physical and cultural geography. Students will develop and use skills in locating places, understanding geographical vocabulary, and reading maps, charts, and graphs. They will learn about landforms, bodies of water, climates, population patterns, political systems, cultural traditions, economic activities, and environmental issues in all of the regions of the world. Students will learn how to apply their knowledge and skills to interpret the past and the present and to plan for the future.
- 135 World Geography (Pre-IB/Honors) (AP Option) (1)
This course is an introduction to social studies through the study of physical and cultural geography. Students will develop and use skills in locating places, understanding geographical vocabulary, and reading maps, charts, and graphs. They will learn about landforms, bodies of water, climates, population patterns, political systems, cultural traditions, economic activities, and environmental issues in all of the regions of the world. Critical thinking and writing skills will be emphasized. This course helps to prepare students for the in-depth courses of junior and senior years.
- 288 Consumer Economics (2)
Consumer Economics is a quarter credit course required for graduation. The purpose of this course is to enable students to understand, and to fit into, the economic world. Topics such as credit, wise buying, savings, checking accounts, economic structure, frauds, budgeting, taxes, advertising, automobile buying, housing, contracts, insurance, gold and silver, and the stock market will be studied.
- * 235 World History (Pre-IB/Honors) (AP Option) (2)
Students will study world civilizations from ancient times to the present. Critical thinking and writing skills will be emphasized. This course helps to prepare students for the in-depth IB courses of junior and senior years.
- * 331 United States History (3, 4) (Offered in alternate years)
This course is a chronological survey of social, cultural, political and economic developments as well as foreign relations and wars. Students study the Declaration of Independence, the U.S. Constitution, and the Federalist papers.
- * 333 United States History (3, 4)
United States History is a chronological survey of social, cultural, political, and economic developments as well as foreign relations and wars. Students are encouraged to do research on ways national events affected our own area. Students study the Constitutions of the United States and of Illinois, the Declaration of Independence and the Federalist Papers.
- * 336 IB I History of the Americas (Honors) (3)
The first year of the two-year IB history sequence focuses on the major political and cultural movements of the United States, Latin America, and Canada. Students will develop a keen sense of political theory and will be taught to evaluate and interpret source material that is critical as historical evidence. Primary document analysis and oral presentations will be included in the course work. Critical thinking and essay writing will be emphasized.

- * 431 World History (3, 4) (Offered in alternate years)
This course is a chronological survey of civilization from ancient times to the present, with particular emphasis on major civilizations in all parts of the world and on outstanding periods and events. Students will develop and use skills in comprehending time relationships. Understanding vocabulary, and interpreting maps, charts, and graphs. Study skills are emphasized in this course.
- * 433 World History (3, 4)
This course is a chronological survey of civilization from ancient times to the present, with particular emphasis on outstanding periods and events in world civilizations. Students learn about interesting and unusual individuals as well as outstanding leaders in history and they also increase their skills in interpreting maps, charts and time relationships and in developing vocabulary.
- * 436 IB 2 History of the Americas (Honors) (4)
The second year of the two-year IB World History sequence focuses on global history from the late 1800's until the end of the cold war. There will be particular emphasis upon the following themes: The Causes, Practices and Effects of World War I, The Rise and Rule of Single Party States, The Russian Revolution, and The Cold War and Its Aftermath. Students will be encouraged to pursue a holistic approach with political, social, economic, and gender issues integrated to the study of each topic, individual research, extended essays, and internal assessments will be included in this upper level history course. The IB examination, a requirement of this course, will be written in May.

MODERN AND CLASSICAL LANGUAGES

In order to be successful in a third year of Spanish, it is recommended that a student have a 2.0 average in 243.

Any student who speaks Spanish at home, or who has studied it extensively in grammar school, and who wishes to study that language at St. Scholastica Academy must see Ms. Myers to arrange for a proficiency test before her schedule request sheet can be signed.

- * 143 Spanish I (1, 2, 3, 4)
This course is an introduction to the Spanish language and Hispanic culture. Students develop communication skills in all language areas: listening, speaking, reading and writing while being introduced to aspects of life in parts of the world where Spanish is spoken.
- * 144 Spanish I (Pre-IB/Honors) (1, 2, 3, 4)
This course is an introduction to the Spanish language and Hispanic culture. Students develop communication skills in all language areas: listing, speaking, reading and writing while being introduced to aspects of life in parts of the world where Spanish is spoken. Since this is an honors level class, a high level of participation and production is expected of the students.
Pre-requisite: Invitation by the Spanish Department.

- * 141 Spanish for Heritage Speakers I (1, 2, 3, 4)
This course is designed to help students with a speaking knowledge of Spanish to expand and develop literacy skills (reading and writing) as well as careful listening and speaking.
Pre-requisite: An interview with Ms. Myers to determine fluency in spoken Spanish.

- * 142 Spanish for Heritage Speakers I (1, 2, 3, 4)
In this course, students will develop their abilities for comprehension and expression in oral and written Spanish. Honors placement will be determined after the first mid-quarter of work in Spanish for Heritage Speakers.
Pre-requisite: Invitation by Spanish for Heritage I teacher.

- * 243 Spanish II (1, 2, 3, 4)
In this course, students will continue the introduction to the Spanish language and Hispanic culture that was started in Spanish I. They will continue to develop communication skills in the areas of listening, speaking, reading and writing in the Spanish language.
Pre-requisite: Approval of Spanish I teacher or satisfactory completion of Spanish placement test.

- * 244 Spanish II (Pre-IB/Honors) (1, 2, 3, 4)
In this course, students will continue the introduction to the Spanish language and Hispanic culture that was started in Spanish I. They will continue to develop communication skills in the areas of listening, speaking, reading and writing in the Spanish language. Since this is an honors level class, a high level of participation and production is expected.
Pre-requisite: Approval of Spanish I teacher or satisfactory completion of Spanish placement test.

- * 241 Spanish for Heritage Speakers II (2, 3, 4)
Students continue to develop their abilities for comprehension and self-expression in the Spanish language.
Pre-requisite: Approval of Spanish for Heritage Speakers I teacher.

- * 242 Spanish for Heritage Speakers II (2, 3, 4)
Students continue to develop their abilities for comprehension and self-expression in the Spanish language. As an honors level course, students are expected to do more in-depth coursework.
Pre-requisite: Approval of Spanish for Heritage Speakers I teacher.

- * 343 Spanish III (2, 3, 4)
In this course, students develop intermediate level Spanish proficiency. They build critical thinking skills and cultural knowledge of the Spanish speaking world through reading, writing, listening and speaking.
Pre-requisite: Approval of Spanish 2 teacher or satisfactory completion of Spanish placement test.

- * 344 IB Spanish III (Honors) (2, 3, 4)
 The first year of the two year IB Spanish course integrates development of students' language skills of listening, speaking, reading and writing. Language skills will be developed through the use of a wide range of texts and material which will also be used to explore aspects of the cultures related to Spanish.
 Pre-requisite: Approval of teacher of Spanish II or Spanish for Heritage Speakers II.

- * 443 Spanish IV (2, 3, 4)
 In this course students continue to expand their communication skills in Spanish. They read and discuss a variety of texts and view and discuss a variety of films, as well as study and review grammar to promote clear communication.
 Pre-requisite: Approval of teacher of Spanish III.

- * 444 IB Spanish IV (Honors) (3, 4)
 This second year of the two-year IB Spanish course develops and refines the students' four primary language skills of listening, speaking, reading and writing. Central to this development is the acquisition of a wide range of vocabulary, extensive practice of spoken Spanish, reading and writing of a variety of texts. The student is encouraged to explore how cultural contexts influence language use. An oral IB exam in February and a written IB exam in May are requirements of this course.
 Pre-requisite: IB Spanish III

- * 543 Spanish V (Honors) (4)
 This course presents historical, literary and journalistic texts for reading, discussion and dramatization. Students view and respond to video texts drawn from throughout the Spanish-speaking world. Cultural content focuses on the history and contemporary culture of Spain, Mexico, the Caribbean and Hispanics in the United States. Students improve their command of grammatical structures and broaden their vocabulary base.
 Pre-requisite: Spanish 4.

- * 353 French III (2, 3, 4)
 Students will complete their introduction to the major verb tenses and grammatical structures. Through CD Roms, video series, and other media, students will continue to observe differences between customs in the U.S. and in various francophone regions. They will use already acquired structures in different situations as they continue to expand their vocabulary.
 Pre-requisite: French II

- * 354 IB French III (Honors) (3)
 The first year of this two-year sequence begins the students' preparation for the IB French B exam, standard level. Students will learn about and practice the required spoken and written activities. In addition to increasing vocabulary and mastering advanced grammar, students will continue to study the culture and literature of France and of other francophone countries/regions.
 Pre-requisite: French IV

* 453 French IV (3, 4)

Students refine their mastery of major verb tenses and grammatical structures as they continue to expand their vocabulary base. They are introduced to the culture and geography of additional francophone countries. Students are given an opportunity to integrate the knowledge they learn in this course with that acquired in other disciplines, notably their literature and social studies classes. A variety of media including CD Roms, internet sites, authentic board and card games are used.

Pre-requisite: French III

163 Latin I (1, 2, 3, 4)

This course is an introduction to the classical Latin language, as well as the history, literature, philosophy, and religion of Rome and its empire. This introductory course focuses on mastery of the basics of Latin grammar, Roman civilization and mythology.

SCIENCE

* 261 General Biology (2, 3, 4)

This course introduces the student to all the major biological concepts: life processes, diversity in life forms and the use of the scientific method. Laboratory experiences are incorporated to enrich the program. The terminology used in the text facilitates the student's comprehension.

Pre-requisite: CPI English

263 Biology (2, 3, 4)

This course is a survey of biological topics. Students develop critical thinking skills through scholarly and experimental exploration of fundamental topics such as cells, DNA structure and function, genetics, evolution, ecology, as well as exploration of contemporary relevant topics such as genetically modified organisms, stem cells, and biotechnology.

Pre-requisite: CPII English

267 Anatomy & Physiology I (2, 3, 4)

This course is an introduction to human anatomy and physiology. It introduces not only the human organ systems, but also an introduction to human body plan and organization. The major organ systems of the human body are covered, including skeletal, muscular, digestive, nervous, circulatory, reproductive and respiratory systems. Extensive dissection of animal model systems accompanies this semester course.

This course does not count toward the three required units of science needed for graduation.

269 Anatomy & Physiology II (2, 3, 4)

This course is the second semester of human anatomy and physiology. This course offers a continued exploration of human anatomy and physiology. Organ systems such as the endocrine, excretory, integumentary, immune and blood, and nervous systems are investigated. Extensive dissection of animal model systems accompanies this semester course.

Pre-requisite: Anatomy & Physiology I

This course does not count toward the three required units of science needed for graduation.

- 270 Astronomy (2, 3, 4)
This course is for students who are looking for a science elective and have an interest in the universe. Topics include history of astronomy, the solar systems, stars, galaxies, gravity, and modern cosmology. This course does not count toward the three required units of science needed for graduation.
Pre-requisite: Conceptual Physics, Algebra I, or Integrated II
- * 361 General Chemistry (3, 4)
General Chemistry deals with matter and the changes which matter undergoes. The students are introduced to the basic principles of chemistry. This course emphasizes the hands-on exploration nature of science. The course has less emphasis on mathematical manipulations than the other chemistry courses.
Pre-requisite: General Biology 261
- * 365 Chemistry (2, 3, 4)
Chemistry is the science of matter and the changes matter undergoes. Development of the major concepts of atomic structure, chemical bonding, and chemical reactions is enhanced by laboratory experimentation and problem solving.
Pre-requisites: Biology; minimum of 2.5 in Algebra I
- *# 367 Chemistry (Pre-IB/Honors) (2, 3, 4)
Chemistry is the science of matter and the changes which matter undergoes. In this course, the topics are treated in more detail and depth than in the Chemistry 365 course. This course is designed for students who have high interest in science and are self-motivated. Students are required to complete a science fair project.
Pre-requisites: Minimum of 3.0 in Honors Algebra I or 4.0 in Algebra I (or better) or concurrent enrollment in Algebra II).
- * 368 IB Advanced Biology Part I (Honors) (3)
This is the first year of the two-year long higher level IB Biology course. During this year, students will review the organic chemistry previously learned and then apply that knowledge to various topics including genetics, cellular structure, and evolution. Extensive laboratory explorations will accompany every topic. At the end of the second part of this course, students will be required to take the examination in Higher Level IB Biology.
Prerequisites: Minimum of 3.0 in Honors Chemistry or 4.0 in CP II Chemistry and two years of high school science.
- * 461 Physics of The Earth
This course is designed to provide an introduction to physical principles and a semester of application of these principles to the study of earth science. Physics topics include motion, light, magnetism, electricity and sound. Earth science topics include geology, meteorology and astronomy with a focus on ecology.
Pre-requisite: Biology and General Chemistry

- * 464 Conceptual Physics (1, 2, 3, 4)
This course emphasizes the hands-on exploratory nature of science. Students develop an understanding of the concepts through exploration. The content of the course is based on the following areas: mechanics, energy, relativity, heat, sound, light, electricity, and magnetism. Physics concepts and principles are learned and demonstrated through laboratory experiences. The student learns how to extend her senses through careful observation and instrumentation.

- * 465 Physics (Pre-IB/Honors) (1, 2, 3, 4)
Honors Physics is similar in design to Physics, but goes into more depth and is more mathematical. The course material includes motion, energy, astronomy, relativity, heat, optics, sound, electricity, magnetism, atomic theory, and history and philosophy of science. The application of principles will be stressed through laboratory experiments and problem solving. Students are required to complete a science fair project.
Pre-requisites: Previous or concurrent enrollment in Algebra II and 3.0 or better average in Geometry.

- * 468 IB Advanced Biology Part II (Honors) (A.P. Option) (4)
This is the second year of the two-year long higher level IB biology course. During this year, students will briefly review the junior year material and then pursue a thorough survey of Kingdoms, human anatomy and physiology, and neurobiology and behavior. Laboratory work will be emphasized. At the end of the year, students will be required to take the examination in Higher Level IB Biology.
Pre-requisite: Minimum of 3.0 in IB I

- * 469 Advanced Physics (3, 4)
This course is designed to provide a traditional mathematical based physics course for those who have finished their science requirements and are interested in additional physics content. Topics being covered include vectors, forces, energy, waves, thermodynamics, modern physics, electricity and magnetism.
Pre-requisite: Conceptual Physics, Algebra II, or department approval

FINE ARTS

APPRECIATION CYCLE - Freshmen will be enrolled in one of the following four courses, as well as in Information Technology 175 or 185.

- 173 Art Appreciation (1) Semester .25 Credit
This studio course serves as an introduction to the visual arts program and a wide variety of art making materials, both two- and three-dimensional, the elements and principles of design and art history. This course is primarily a hands-on exploration of art and students will have a portfolio of projects at the end of the semester.

- 176 Introduction to Chorus (1) Semester – Appreciation Cycle
This class provides an opportunity to develop skills in reading music and teaches the rudiments of tone production and correct breathing through the study of two and three part songs. Students will perform in department concerts at the end of the semester.
- 177 Theatre Appreciation (1) Semester – Appreciation Cycle
This course serves as an introduction to the drama program, its further course offerings, and co-curricular activities. Students will be introduced to the study of theatre through participation in pantomime, improvisation, theater games, and exercises in movement, voice, and diction. Students assist with school performances as ushers.
- 178 Introduction to Music (1) Semester – Appreciation Cycle
This is a course designed to help the student discover the possibilities of musical sound. By listening one brings together several areas of knowledge, each of which illumines the other:
1. Study of its elements -- melody, harmony, rhythm and meter, tempo, dynamics, timbre and form, and a knowledge of how these are combined in the works one hears.
 2. Information about the great composers.
 3. Information about the particular works to be studied in class.
 4. Information about parallel developments in world history and other art forms.
- 015 Chorus (2, 3, 4)
This class gives all students the opportunity to participate in a choral music program that rehearses during the school day and earns .50 credit. Students will perform in department concerts at the end of each semester.
- 700 Fundamentals of Art (2, 3, 4)
This full year studio course is offered as an introduction into the art curriculum. Students will be exposed to a variety of media which cover the basic aspects of 2-Dimensional art through drawing, design, painting, printmaking, and computer design. The course will focus on learning the elements and principles of design such as line, shape, texture, color, form, unity, balance, space, and the basics of art history.
- 702 Drawing and Painting
Use this number if you are requesting both 673 and 674 and will be enrolled in the full year course.
- * 703 Advanced Drawing and Advanced Painting (3, 4)
At the advanced level, students should be beginning to form ideas in the materials they like to use. More research and independence is experienced at this level.
Use this number if you are requesting both 675 and 676.

673 Drawing (2, 3, 4) Semester

This is a semester course offered to students who are interested in improving their drawing skills. Emphasis will be placed on drawing as a finished product as well as a means of expressing creative concepts. This course is suggested for students before taking painting, in which drawing skills are very helpful. Course media includes pencil, ink, charcoal, chalk, and oil pastels.

674 Painting (2, 3, 4) Semester

Oil, acrylic and watercolor painting will be explored in this semester course. Students will learn the basic skills and techniques of painting. They will also learn how to stretch canvas for oil painting. Drawing skills are recommended for this course.

* 675 Advanced Drawing (3, 4) Semester

This semester studio course will place more emphasis on individual experimentation with media, technique and various drawing concepts. Students will work independently after individual programs have been established. At the advanced level, students should be beginning to form ideas in the materials they like to use.

Pre-requisite: Drawing

* 676 Advanced Painting (3, 4) Semester

A more specialized study into specific painting media will place emphasis upon experimentation and individual technique. Students will work independently as the semester progresses and individual programs have been established. A presentation of final pieces is required at the end of the semester. At the advanced level, students should be beginning to form ideas in the materials they like to use.

Pre-requisite: Painting

#705 Photography (2, 3, 4)

This full year course will focus on the craft of black and white photography. It involves depth learning of the camera parts and functions and various darkroom printing techniques. Aspects of composition and creativity are stressed as well as craftsmanship of prints and including portfolio review. Photographs are developed in the school's darkroom. This course includes a unit in Photoshop Elements, including scanning, resizing and manipulating photographs. Students are required to work with a manual, 35 mm camera, as well as a digital camera.

*# 707 Photography II (3, 4)

This full year course further explores the craft of black and white photography involving complex techniques in the camera, darkroom, and computer lab. Composition, content, social issues and aesthetics are stressed in this more independent proposal class. This year culminates with a final portfolio exhibit as part of the final grade. Students are required to work with a manual, 35 mm camera as well as a digital camera.

Pre-requisite: Photography #705

* 708 IB Art (3, 4)

This two-year studio course will include opportunities both for structured learning of values of color, tone form, design, line, etc., and for a wide range of personal research in a more experimental nature. Studio work will combine several techniques and any media may be used. The student must receive a minimum of 3 hours face-to-face instruction per week. An image workbook/sketchbook is required. At the end of each semester the student is also required to make and exhibit work. At the advanced level, students should be beginning to form ideas in the media of their choice to use in the development of a personal theme. Students will be required to purchase some tools and materials at local art stores and to visit galleries and museums each quarter. Seniors are required to have a senior exhibit.

709 Ceramics I (2, 3, 4) Semester

In this semester course, students will work exclusively in clay, practicing both hand building and wheel throwing techniques. The course will include the history and aesthetics of ceramics. Students will learn alternatives to finishing clay, loading and firing the kiln, casting and care and use of tools.

*710 Ceramics II (2, 3, 4) Semester

In this semester course, students will further their work in clay through hand building, wheel throwing and sculpture building. There will be an increase of independent assignments through proposals and continued work in finishing, firing and care of tools.

Pre-requisite: Ceramics I

* 711 Ceramics III (3, 4) Semester

In this semester course, students will continue in ceramics by working independently on proposed projects in hand building, wheel throwing and sculpture, with more research and experimentation.

Pre-requisite: Ceramics I and II

* 712 Ceramics IV (3, 4) Semester

In this semester course, students will continue in ceramics by working independently on proposed projects in hand building, wheel throwing and sculpture, with more research and experimentation.

Pre-requisite: Ceramics I, II, and III

274 Speech/Communication Arts (2) Semester

Speech is a semester course required of all students. Through the presentation of original speeches of various types and purposes, the student will acquire basic speech composition and delivery skills. She will increase her confidence and poise in the public speaking situation as well as improve her listening behavior and analytical/critical skills. This course also includes a unit on oral interpretation.

* 276 Drama I: Beginning Acting and Acting for the Stage

Use this number if you are registering for both 874 and 875 and will be enrolled in the full-year course.

- * 874 Beginning Acting (2, 3, 4) First Semester
Beginning Acting (a first semester course) is the study of the elementary principles of acting techniques including voice control, stage movement and pantomime. It is offered to any student with an interest in theatre. Activities include improvisation and presentation of student-written scenes and skits. Students are required to see two plays outside of school time and are expected to be involved in school plays.

- * 875 Acting for the Stage (2, 3, 4) Second Semester
This second semester course in theatre has an emphasis on drama as a means of personality development, and as a performing art. The student will study voice and diction, play structure, stage geography, a basic approach to acting, and character analysis. Students will perform improvisations, monologues, and scenes from plays. Students are required to see two plays outside of school time and are expected to be involved in school plays.
Pre-requisite: Theatre Appreciation or Beginning Acting

- * 375 Drama II: Scene Study and Theatre History
Use this number if you are registering for both 876 and 877 and will be enrolled in the full-year course.

- * 876 Theatre: Scene Study (2, 3, 4) First Semester
This first semester course is a continuation of the training for acting with emphasis on performance through in-depth characterization and scene-study. Students will explore playwriting as well as the preparation and presentation of monologues and scenes of various acting styles. Students are required to write two play evaluations of productions attended outside of school time and to participate in school plays.
Pre-requisite: Drama I / Beginning Acting or Acting for the Stage

- *877 Theatre History (2, 3, 4) Second Semester
This second semester course introduces students to various styles of theatre, giving them an historical overview. Theatre History class offers students the opportunity to research all aspects of the theatre for a particular historical period and present their findings through oral presentation of a research paper. This project is accompanied by scene work. Areas of study will include comedy, styles of acting, and history of the theatre including theatrical conventions, costuming and the playwrights of each time period covered. Students will study numerous plays and will evaluate two plays attended outside of school time. Participation in our school plays is an expectation.
Pre-requisite: Drama I (Beginning Acting or Acting for the Stage) or Theatre Scene-Study.

- * 376 IB Theatre Arts: Scene Study and Theatre History (Honors) (3, 4)
In addition to the requirements of courses 876 and 877, students must complete further projects, including a theatre arts portfolio, play analysis, and two major research projects. Performance and technical theatre production work are required.
Pre-requisite: Drama I/Beginning Acting and Acting for the Stage

* 475 Drama III: Advanced Acting/Directing (3, 4)

Various acting styles and techniques are explored through the analysis, preparation and presentation of monologues and scene work. Students will work on plays and scenes, as well as acting exercises in improvisation. Besides creating challenging performances, the student will read numerous theatrical texts and see four plays outside of school time. Students who have studied acting and have acquired a certain amount of stage experience will learn the basics of blocking and staging scenes for the stage. Directing will be incorporated into the class program of studies and students may direct a one-act play. Students will learn how to run auditions so that they may choose and cast their own show. During fourth quarter directing students will rehearse their plays after school and weekends. The student-directed one-acts will be presented in May as a final class project.

Students earning honors credit will be responsible for additional projects.

Pre-requisite: Drama II (Theatre: Scene-Study and /or Theatre History) or IB Theatre Arts

* 477 Drama III: Advanced Acting/Directing (Honors) (3, 4)

Students earning honors credit will be responsible for additional projects.

990 Music Theory/Composition II (3, 4) Semester

This course builds on skills learned in Music Theory/Composition I (992/993), allowing the student to develop her skills as well as specialize in a particular music genre. Students may choose to develop instrumental technique as their writing skills improve. They may also work on arranging for voice(s) and/or instruments.

992 Music Theory/Composition I (2, 3, 4) Full Year

This course offers the student the opportunity to learn music reading and notation, based first on the piano, then transferred to their instrument of choice (guitar, voice, violin, etc.). After the basics are mastered, the student will explore the history and variety of musical compositions. The student will also be expected to create different compositions in all styles, from early music to contemporary composition. The class will vary in content based on the ability and experience of the students as a group as well as individual knowledge/abilities. Students will meet with the teacher at the beginning of the year to determine needs and interests.

993 Music Theory/Composition I (2, 3, 4) Semester

This course offers the student the opportunity to learn music reading and notation, based first on the piano, then transferred to their instrument of choice (guitar, voice, violin, etc.). After the basics are mastered, the student will explore the history and variety of musical compositions. The student will also be expected to create different compositions in all styles, from early music to contemporary composition. The class will vary in content based on the ability and experience of the students as a group as well as individual knowledge/abilities. Students will meet with the teacher at the beginning of the year to determine needs and interests.

994 Music Theory/Composition II (3, 4) Full Year

This course builds on the skills learned in Music Theory/Composition I (992/993), allowing the student to develop her skills as well as specialize in a particular music genre. Students may choose to develop instrumental technique as their writing skills improve. They may also work on arranging for voice(s) and/or instruments.

- * 995 Private Organ (1, 2, 3, 4)
Private organ lessons are available for students interested in “The King of Instruments,” whether as a recitalist or a church musician. The students will learn keyboard and pedal technique. Repertoire will cover all periods as well as church/hymn playing. The auditorium is frequently available for practice. Arrangements may also be made with area churches for practice time.
Fee: \$600.00
One lesson per cycle

- * 996 Private Voice (1, 2, 3, 4)
Private voice lessons are available for those wishing individual work in this area. Emphasis is on correct tone production, breath control, and the development of musicianship and performance skills through the study of appropriate music literature, both classical and semi-classical.
Fee: \$600.00
One lesson per cycle

- * 997 Private Piano (1, 2, 3, 4)
Private Piano Lessons are available for those wishing individual work. Students learn basic technique through scales and exercises. Repertoire covers all styles and includes exposure to music theory.
Fee: \$600.00
One lesson per cycle

- * 998 Private Piano (Honors) (2, 3, 4)
Fee: \$1200.00
Two lessons per cycle

- * 999 Private Piano (2, 3, 4)
Fee: \$1200.00
Two lessons per cycle

(It is not necessary to have a piano at home since practice rooms are available at school.)

N.B.: The .5 credit for private courses may NOT be applied to the minimum number of credits required in a sophomore, junior or senior’s schedule.

NON-CREDIT FINE ARTS COURSES

Morning Chorus (1, 2, 3, 4)

The chorus provides students an opportunity to sing in a large group. Basic vocal techniques, sight-singing skills, and theory will be developed. Unison, two, and three part choral music will be sung and public performances will be provided. This group meets before school three days a week. This is excellent preparation for participation in the school musical, for those who plan to work with children, or simply for those who enjoy singing. There will be at least two public performances: one at Christmas and one in the spring.

Pre-requisite: Audition with the Choral Director in September.

SSA Dance Troupe (1, 2, 3, 4)

The main goal of the St. Scholastica Dance Troupe is to provide the opportunity for students to explore dance as taught by a professional in a setting that allows for both individual exploration and group participation. This workshop also offers the opportunity for students to augment their curriculum with dance and movement that develops kinesthetic learning and retention. Students will participate in developmentally appropriate stretching and strengthening, will learn how to understand and build choreographic combinations, and will study basic dance technique and vocabulary, as well as different genres and styles of dance. SSA Dance Troupe acts to supplement participants' education and development as dancers and individuals. SSA Dance Troupe meets twice weekly.

Pre-requisite: September auditions are required to participate in SSA Dance Troupe.

The Instrumental Ensemble (1, 2, 3, 4)

The Ensemble is open to musicians of various levels of instrumental knowledge. Students rehearse two mornings a week before school to prepare for a variety of performances. This course offers an opportunity to participate in a group performance, gain knowledge of the instrument and advance the students' music theory.

Pre-requisite: Audition with the Ensemble Director in September.

Standing Stage Crew (2, 3, 4)

Standing Stage Crew is for students interested in the behind-the-scenes aspects of theatre. The Crew will be trained by professional theatre technicians to operate the stage lighting, fly, and sound systems. There will be workshops on scenic carpentry, prop building and scenic painting. Occasionally, the Crew has the opportunity to work with professional organizations who rent our facilities. SSC members hold the crew head positions for both school theatrical productions. SSC meetings are Mondays and crew sessions are held twice weekly. Freshmen are always welcome at all work sessions.

Pre-requisites: Attend two crew sessions prior to interview process in May.

INFORMATION TECHNOLOGY

175 Introduction to Technology (1) Semester .25 Credit – Appreciation Cycle

This course is designed for students to learn to use the computer keyboard more efficiently and effectively, rather than if they use the “hunt and peck” method. The students will develop skills in presenting information in MLA format and become proficient in using Microsoft Word for word processing.

185 Computer Applications (1) Semester .25 Credit – Appreciation Cycle

This course is designed for students to become proficient in using Microsoft Word for word processing, Microsoft Excel for spreadsheets, and Microsoft PowerPoint for presentations. This class will provide students with skills and knowledge necessary in all areas of the curriculum.

Pre-requisite: Passing St. Scholastica Academy's keyboarding proficiency test.

- * 885 Computer Applications (2, 3, 4) Semester .50 Credit
This course is designed for students to become proficient in using Microsoft Word for word processing, Microsoft Excel for spreadsheets, and Microsoft PowerPoint for presentations. This class will provide students with skills and knowledge necessary in all areas of the curriculum.

- 886 Computer Science and Object-Oriented Programming (2, 3, 4) 1st Semester .50 Credit
This course will teach fundamental programming concepts and focus on the principles of object-oriented design using a visual, 3D interactive animation tool called Alice. Students will design new animated programs using storyboards and learn to write and debug their own programs.

- * 881 Applied Computer Science (2, 3, 4) 2nd Semester .50 Credit
This course is intended for students who are interested in computer science; however, all students would benefit from the course content. Major ideas discussed are the concepts of algorithms and data structures, features of common programming languages, ethics in computers, and an introductory view of a higher-level programming language called Python. Pre-requisite: 2.5 or higher in all Mathematics classes.

- *382 Students enrolling in both Courses 886 and 881 should register for Course 382.

- *889 Desktop Publishing (2, 3, 4) Semester .50 Credit
This course provides students with a hands-on experience in creating documents that resemble professionally designed and printed documents. Students will be introduced to the terminology used in graphic design and desktop publishing. Students will develop a practical working knowledge of Adobe InDesign for desktop publishing.

- *891 Web Design (2, 3, 4) Semester .50 Credit
This course is for students to develop skills in creating and designing web pages. Students will balance the technical component of web creation with their artistic skills, in order to create informative and engaging web sites. Students will develop a practical working knowledge of Microsoft Expression Web and HTML for authoring web pages.

- * 489 Students enrolling in both Courses 889 and 891 should register for Course 489.

THEORY OF KNOWLEDGE

- * 989 Theory of Knowledge I (IB) (3)
This course, required for all IB diploma candidates and those taking three or more IB classes, explores metacognition and the interdisciplinary connections surrounding the topic of knowledge. Not a philosophy class per se, the class uses philosophy as a tool to aid the students in articulating key questions such as: What is knowledge? What do I

know? How do I know what I know? The class analyzes language and logic while examining systems of knowledge such as mathematics and human sciences. Students reflect and compare what they have learned across various disciplines, and in their own experience, about thinking, knowledge and truth. (Limited to IB students.)
The signature of the IB coordinator is required.

* 991 Theory of Knowledge II (IB) (4)

This course continues the inquiry begun in Theory of Knowledge I by probing into the natural sciences and history as systems of knowledge while also investigating issues of moral, aesthetic, and political judgment. Students will assess their own growth in understanding around the topics of thinking, knowledge, belief, and truth. (Limited to IB students.)

Pre-requisites: Theory of Knowledge I and the signature of Mr. Hoover are required.

Theory of Knowledge 989 and 991 are graded on a Pass/Fail grading scale. These grades will not be calculated as a part of the student's grade point average.

PHYSICAL EDUCATION

190 Physical Education I (1)

This course will offer a variety of team activities with an emphasis on fitness, social, team and leadership skills. The goal of the class is to develop the whole individual: physically, socially, emotionally and cognitively. Inclusion in this class will accentuate a student's level of fitness, self-esteem, and confidence, as well as motivate her to maintain an active and healthy lifestyle well into the late stages of her life. Students will learn principles of movement through space and develop motor skills that will aid in the development of greater coordination and agility. Grade will be determined by participation in class.

290 Health (2) Semester

This course will cover a variety of topics relating to the student's personal health and will be taught over the course of the whole school year. This course will explore areas of physical and mental health, including fitness, nutrition, substance abuse, infectious diseases, and human development. Students will gain knowledge of the reasons it is important to maintain physical and mental health, and how to achieve that objective.

Pre-requisite: Physical Education I

*590 Physical Education II (3, 4)

This course is offered to juniors and seniors who have had successful completion of Physical Education I and Health. The course will continue to explore the importance of personal health and fitness levels throughout life. It will stress the importance of life-long activity, and get students interested in physical activity by playing different sports and having fun. It will also explore leadership and team building activities.

Pre-requisite: Physical Education I, Health and signature of Department Chairperson.

NON-CREDIT SEMINARS

Freshman Seminar

Freshman seminar is a non-graded course which meets once a cycle for the entire freshman year. This course provides students with an ongoing orientation to St. Scholastica Academy as well as an introduction to the study skills needed for college preparatory coursework. This seminar includes an introduction to services at St. Scholastica Academy such as the Guidance Department, the Writing Lab, the Library, and the computer software and hardware available to students. Students will also learn how to listen and take notes in class, how to study for tests, how to prepare for midterm and final exams and time management skills.

Campus Ministry Seminar

Campus Ministry Seminar is open to juniors and seniors who feel called to act as ministers within our school community. These are students who have experience in leadership and service, and have continued to grow in their own faith.

Some of the responsibilities of students in Campus Ministry Seminar are: acting as small group leaders for the freshmen and sophomore retreats, planning liturgies and prayer services, participating in the liturgies and prayer services as lectors, hospitality ministers, and Eucharistic Ministers, and organizing school-wide service projects.

These students meet weekly during their lunch mods to organize and plan the various ministry events within the school, and to hear from guest speakers on various ministerial topics (i.e. liturgy planning). Campus Ministry Seminar is not a class, as there is no credit associated with participation.

An application process is required for participation in Campus Ministry Seminar, and occurs during the preceding spring semester.

COUNSELING

Counseling Department programs and counseling opportunities are designed to meet the academic, social and emotional needs of our students as they develop and mature throughout their high school career. During freshmen year, assisting students in adjusting to new academic and social expectations is a department priority. Exposure to career and college opportunities begins in sophomore year, as well as a brief classroom exploration of communication and conflict resolution models. In junior year, students begin the decision-making process, relating their new self-awareness to the realities of the world of work and college selection. For seniors, the college admission process is a top priority, as they solidify their future academic plans.

Counseling Services

Counseling services at SSA are provided by trained and licensed mental health professionals. Individual counseling services are available to students upon request. Sessions are offered on a weekly basis, or on a schedule determined by the student and her counselor. Crisis counseling is available to students and their families during school hours. Referrals to appropriate services outside of the school are made as needed or requested by the student and her family.

Group counseling is available each semester for each class level, freshman, sophomore, junior and senior. If group membership is full for a semester, students will be placed on a waiting list and given

priority in the next semester.

Students who are in dispute with one another may work to resolve their conflict through the Peer Mediation Team. The Peer Mediation Team consists of four juniors and four seniors, who are trained to mediate conflicts between their peers. A Peer Mediation may be requested by students, faculty or administration. During the mediation, students create a specific resolution to their conflict in the form of a contract. All peer mediations are carried out in the presence of the school social worker.

College and Career Counseling

With a full-time college counselor, SSA is able to offer unlimited individual college counseling sessions to aid each student in discerning the ideal college learning environment for her. In addition, the college counselor guides students and their families through the application process, including essay writing. The Counseling Department hosts a College Night, showcasing over 80 colleges, a Junior Parent College Information Night and a Financial Aid Night, to educate parents about the college application and financial aid processes.

College entrance test preparation begins early in freshman year when all 9th grade students take the EXPLORE test. The PLAN test is given sophomore year and the PSAT junior year. In the winter of sophomore and junior years, these test results are discussed with individual students within a scheduled counseling session. ACT preparation begins in the fall when junior and

senior students are offered the opportunity to participate in informal ACT preparation groups led by SSA teachers. Formal, intensive ACT preparation classes are offered at SSA in the spring by One-to-One Learning Center.

Career counseling begins formally in the winter of sophomore year when students complete a career interest inventory. The results of this inventory are discussed in a small group setting.

Academic Support Services

Individual counseling is offered to students who are academically at risk of failure. Students who demonstrate significant learning difficulties will be offered an academic staffing, where teachers, parents, counselors, and concerned others meet with the student to create an educational plan, the goal of which is to provide additional structure and support for the student.

The purpose of the following 4-year chart is to show your four year projected program. Although you may change your mind about electives as you progress, it is always wise to have a planned, long-range program to help you avoid errors and omissions.

<u>Units of Credit</u>	<u>Freshman Year</u>	<u>Units of Credit</u>	<u>Junior Year</u>
0.5	Theology I	0.75	Theology III
1.0	Intro to Lit.	1.0	English III
1.0	Mathematics I	1.0	U.S. History
1.0	World Geography		
1.0	Modern Language/ Language Arts		
1.0	Science		
0.5	Appreciation	Electives	
0.5	Phy. Ed. I	_____	

		6.75 credits	

<u>Units of Credit</u>	<u>Sophomore Year</u>	<u>Units of Credit</u>	<u>Senior Year</u>
0.5	Theology II	0.5	Theology IV
1.0	English II	1.0	English IV
1.0	Mathematics II	1.0	World History
1.0	Science		
1.0	Modern Language		
0.5	Speech		
0.25	Consumer Ec.		
0.5	Phy. Ed. II/Health	_____	

		6.5 credits	

<u>Summer School Units of Credit</u>	<u>Total Credits Earned</u>
Unit of Credit	Fr. Year
Preceding:	
Fr. Year	So. Year
So. Year	Jr. Year
Jr. Year _____	Sr. Year
Sr. Year _____	Summer School
	Total
	Grad. Req.: Sr = 20.5; Jr/Soph/Fr = 22.0

* Faculty signature required to enroll in this course.

Course with limited enrollment. Inclusion in the course (barring conflicts) is determined by the order or registration.

- (1) course is open to Freshmen (2) course is open to Sophomores
 (3) course is open to Juniors (4) course is open to Seniors

Unless noted, each course is worth one unit of credit per year and is conducted all year.

Unit of
Credit

THEOLOGY

- .5 100 Intro to Catholic Christianity and Scripture (1)
 .5 200 Christian Lifestyles and Morality (2)
 .75 300 Peace and Justice (3)
 .5 400 Personal History and Religious History (4)
 *404 IB Philosophy: Being Human and Human Being (Honors) (4)

ENGLISH

- 110 Intro to Literature & Composition (1) (CPI)
 113 Intro to Literature & Composition (1)
 115 World Literature I (Pre-IB/Honors) (1)
 117 Language Arts (CPI)
 *211 American Literature (2) (CPI)
 *213 American Literature (2)
 *215 World Literature II (Pre-IB/Honors) (2)
 *311 World Literature I (3) (CPI)
 *313 British Literature (3)
 *314 English III (IB/Honors) (3)
 *411 World Literature II (4) (CPI)
 *413 World Literature (4)
 *414 English IV (IB/Honors) (AP Option) (4)
 .5 480 Introduction to Journalism (Sem) (2, 3, 4)
 481 Introduction to Journalism (Full Year) (2, 3, 4)
 .5 482 Intermediate Journalism (Sem) (3, 4)
 483 Intermediate Journalism (Full Year) (3, 4)
 .5 484 Advanced Journalism (Sem) (4)
 485 Advanced Journalism (Full Year) (4)

MATHEMATICS

- 120 Integrated Math I (1) (CPI)
 123 Algebra I
 125 Algebra I (Pre-IB/Honors)
 *220 Integrated Math II (2) (CPI)
 *223 Geometry (2, 3, 4)
 *225 Geometry (Pre-IB/Honors) (2, 3, 4)
 *322 Topics in Algebra (3, 4) (CPI)
 *323 Algebra II (2, 3, 4)

Unit of
Credit

MATHEMATICS

- *327 Algebra II (Pre-IB Honors) (1, 3)
- *421 Applied Math (4) (CPI)
- *423 Pre-Calculus (3, 4)
- *424 IB Math SL I/Pre-Calculus (Honors) (3, 4)
- *524 IB Math SL II/Calculus (Honors) (A.P. Option) (4)

SOCIAL STUDIES

- 131 World Geography (1) (CPI)
- 133 World Geography (1)
- 135 World Geography (Pre-IB/Honors) (1)
- *235 World History (Pre-IB/Honors) (AP Option) (2)
- .25 288 Consumer Economics (2)
- *331 U.S. History (3, 4)
- *333 U. S. History (3)
- *336 IB I History of the Americas (Honors) (AP Option) (3)
- *431 World History (CPI)
- *433 World History (3, 4)
- *436 IB 2 History of the Americas (Honors) (4)

MODERN AND CLASSICAL LANGUAGES

- *141 Spanish for Heritage Speakers I (1, 2, 3, 4)
- *142 Spanish for Heritage Speakers I (Honors) (1, 2, 3, 4)
- *143 Spanish I (1, 2, 3, 4)
- *144 Spanish I (Pre-IB/Honors) (1)
- *241 Spanish for Heritage Speakers II (2, 3, 4)
- *242 Spanish for Heritage Speakers II (Honors) (2, 3, 4)
- *243 Spanish II (1, 2, 3, 4)
- *244 Spanish II (Pre-IB/Honors) (2)
- *343 Spanish III (2, 3, 4)
- *344 IB Spanish B III (Honors) (2, 3)
- *443 Spanish IV (2, 3, 4)
- *444 IB Spanish B IV (Honors) (A.P. Option) (3, 4)
- *543 Spanish V (4)

- *353 French III (2, 3, 4)
- *354 IB French III (Honors) (3)
- *453 French IV (3, 4)
- *454 IB French IV (Honors) (A.P. Option) (4)

163 Latin I (1, 2, 3, 4)

SCIENCE

- *261 Biology (2, 3, 4) (CPI)
- 263 Biology (2, 3, 4))

Unit of
CreditSCIENCE

- 267 Anatomy & Physiology I (2, 3, 4)
 269 Anatomy & Physiology II (2, 3, 4)
 270 Astronomy (2, 3, 4)
 *361 General Chemistry (3) (CPI)
 *365 Chemistry (2, 3, 4)
 *#367 Chemistry (Pre-IB/Honors) (2, 3, 4)
 *368 IB Advanced Biology, Part I (Honors) (3)
 *461 Physics of the Earth (4) (CPI)
 *464 Conceptual Physics (1, 2, 3, 4)
 *465 Physics (Honors) (1, 2, 3, 4)
 *468 IB Advanced Biology, Part II (Honors) (A.P. Option) (4)
 *469 Advanced Physics (3, 4)

FINE ARTS

- .25 173 Art Appreciation (1) (Sem)
 .25 176 Intro to Chorus (1) (Sem)
 .25 177 Theatre Appreciation (1) (Sem)
 .25 178 Intro to Music (1) (Sem)
 .5 015 Chorus (2, 3, 4)
 700 Fundamentals of Art (2, 3, 4)
 702 Drawing and Painting (2, 3, 4)
 .5 673 Drawing (2, 3, 4) (Sem)
 .5 674 Painting (2, 3, 4) (Sem)
 .5 *675 Adv. Drawing (3, 4) (Sem)
 .5 *676 Adv. Painting (3, 4) (Sem)
 *703 Adv. Drawing and Adv. Painting (3, 4)
 #705 Photography (2, 3, 4)
 *#707 Advanced Photography (3, 4)
 *708 IB Art/Design (Honors) (3, 4)
 .5 709 Ceramics I (2, 3, 4) (Sem)
 .5 *710 Ceramics II (2, 3, 4) (Sem)
 .5 *711 Ceramics III (3, 4) (Sem)
 .5 *712 Ceramics IV (3, 4) (Sem)
 .5 274 Speech/Communication Arts (2) (Sem)
 *276 Drama I: Beg. Acting + Act./Stage (1, 2, 3, 4)
 *375 Drama II: Scene Study + Theatre History (2, 3, 4)
 .5 *874 Beginning Acting (2, 3, 4) (Sem)
 .5 *875 Acting for the Stage (2, 3, 4) (Sem)
 .5 *876 Theatre: Scene Study/Drama II (2, 3, 4) (Sem)
 .5 *877 Theatre History/Drama II (2, 3, 4) (Sem)
 *376 IB Theatre Arts: Scene Study + History (Honors) (2, 3, 4)
 *475 Drama III: Adv. Acting + Directing (3, 4)
 *477 Drama III: Adv. Acting + Directing (Honors) (3, 4)
 0.0 Morning Chorus (1, 2, 3, 4)
 0.0 SSA Dance Troupe (1, 2, 3, 4)
 0.0 The Instrumental Ensemble (1, 2, 3, 4)

SUMMARY LISTING OF COURSE OFFERINGS (CONT'D)2009-2010Unit of
CreditFINE ARTS

0.0	Standing Stage Crew (2, 3, 4)
.5	990 Music Theory/Composition II (3, 4) (Sem)
1.0	992 Music Theory/Composition I (2, 3, 4) (Full Year)
.5	993 Music Theory/Composition I (2, 3, 4) (Sem)
1.0	994 Music Theory/Composition II (3, 4) (Full Year)
.5	*995 Private Organ (1, 2, 3, 4)
.5	*996 Private Voice (1, 2, 3, 4)
.5	*997 Private Piano (1, 2, 3, 4)
	*998 Private Piano (1, 2, 3, 4) (Honors)
	*999 Private Piano (1, 2, 3, 4)

INFORMATION TECHNOLOGY

.25	175 Introduction to Technology (1)
.25	185 Introduction to Computer Applications (1) (Sem)
.5	*881 Applied Computer Science (2, 3, 4) (Sem)
.5	*885 Computer Applications (2, 3, 4) (Sem)
.5	886 Computer Science and Object-Oriented Programming (2, 3, 4) (Sem)
	*382 Information Technology I & II (1, 2, 3, 4)
.5	*889 Desktop Publishing (2, 3, 4) (Sem)
.5	*891 Web Design (2, 3, 4) (Sem)
	*489 Desktop Publishing/Web Design (2, 3, 4)

PHYSICAL EDUCATION

.5	190 Physical Education I (1)
.5	290 Health (2)
.5	*590 Physical Education (2, 3, 4)

THEORY OF KNOWLEDGE

.25	*989 Theory of Knowledge I (IB) (3)
	.25 *991 Theory of Knowledge II (IB) (4)