



# SAINT AGNES SCHOOL

## *K-12 Curriculum Overview & High School Course Catalogue*

*The 2018-2019 Academic Year*

Saint Agnes School (K-12)  
530 Lafond Avenue  
St. Paul, Minnesota 55103  
[www.SaintAgnesSchool.org](http://www.SaintAgnesSchool.org)



*All wisdom comes from the Lord and is with him forever. The sand of the sea, the drops of rain, and the days of eternity ~ who can count them? The height of heaven, the breadth of the earth, the abyss, and wisdom ~ who can search them out? Wisdom was created before all things, and prudent understanding from eternity.*

*The root of wisdom ~ to whom has it been revealed? Her clever devices ~ who knows them?*

*There is One who is wise, greatly to be feared, sitting upon his throne. The Lord himself created wisdom; he saw her and apportioned her, he poured her out upon all his works. She dwells with all flesh according to his gift, and he supplied her to those who love him.*

Sirach 1:1-8

As it cultivates a sense of awe and wonder, Saint Agnes School, confident that the universe is intelligible and that there is a truth of things, encourages its students to ask questions, knowing that the Tradition can bear critical scrutiny. The faculty, staff and students of Saint Agnes School affirm that there is no contradiction between faith and reason. Even if the pursuit of truth is sometimes arduous, it is the collaborative task of the educator and the student to uncover and make connections between divine revelation and secular learning. A program of liberal arts in the classical tradition is designed to help our students to grasp and to communicate truth. The primary means to this end is the acquisition of basic knowledge (*grammar*), often by memorization; the mastery of the art of sound reasoning (*logic*); and the mastery of the art of discourse (*rhetoric*), the effective expression of ideas in both the written and spoken word. Focusing on the intellectual tradition of Western Civilization, Saint Agnes School aims to provide our students with an integrated study of the Humanities, Theology, Mathematics, Natural Sciences, the Fine Arts, and Physical Education.

From the section on “Reason” in *The Educational Philosophy of Saint Agnes School*.

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# OUR MISSION

## **Saint Agnes School**

Founded in 1888 – 125 Years of Excellence

### **Our Motto**

*Radicata in Fide et Traditione* – "Rooted in Faith & Tradition"

### **Our Slogan**

*Rooted in Faith & Tradition - Growing in Wisdom*

### **Our Mission**

Saint Agnes School is an award-winning and nationally recognized co-ed, K-12 school rooted in the Catholic intellectual tradition and the sacramental life. From the educational philosophy and curriculum to the cultural and aesthetic environment, Saint Agnes is built upon a commitment to Christ and His Church. Our school seeks to instill in students a desire to know, love and serve God in this life and the next. We achieve this by uniting the pursuits of both faith and reason: providing a Catholic education grounded in a challenging, integrated liberal arts curriculum coupled with excellence in fine arts, service and athletic competition. Saint Agnes serves families throughout the Archdiocese and supports parents in their role as primary educators of their children.

### **Our Curriculum**

Saint Agnes School offers a challenging, integrated liberal arts program that prepares students for college, life and beyond. The curriculum underlines the unity of faith and reason and seeks to form students into confident, intelligent and faithful young adults. Rooted in the tradition of Catholic education, the curriculum is broken down into the divisions of Grammar (K-6), Logic (7-8) and Rhetoric (9-12) focusing on religion/theology, literature, history, philosophy, mathematics, science, fine arts and foreign language study. The educational model emphasizes the Virtues, the Catholic intellectual tradition and their origins in the Greco-Roman world.

### **National Recognition**

Saint Agnes School is nationally honored by the Cardinal Newman Society as a Catholic school of excellence in the United States for academic rigor and Catholic identity. The school has been awarded the honor two consecutive times (2012 and 2014).

### **Accreditation**

Saint Agnes School is fully accredited by Advanc-ED/North Central Association Commission on Accreditation & School Improvement.

## SAINT AGNES: ABOVE & BEYOND

Athletics, Organizations & Co-Curricular Activities

High School Sports		Grade School / Jr. High Sports	
<u>Boys</u> Baseball Basketball Football Golf Hockey Soccer Track Wrestling	<u>Girls</u> Basketball Cheerleading Golf Hockey Soccer Softball Swimming/Diving Track Volleyball	<u>Boys</u> Baseball Basketball Football  <i>Potential track and soccer opportunities at the high school level</i>	<u>Girls</u> Basketball Softball Volleyball  <i>Potential track and soccer opportunities at the high school level</i>

**Band** – Band uses composition/improvisation, performance, and music appreciation to help students grow into independent musicians. This program is open to students in grades 7-12. Outside playing opportunities include the Aggie Pep Band, accompanying at Mass, playing in the pit orchestra and a small jazz combo.

**Choir** – High school choirs are open to students in grades 9-12 who pass an audition. The Concert Chorale sings for the weekly school Mass and is known throughout the state as one of the best high school choirs. The Madrigal Singers, a smaller, select ensemble, perform for special events including weddings and Christmas caroling. They must be current members of the Concert Chorale. The Parish Children’s Choir welcomes all children from the grade school and the parish who are between the ages of 9 and 15 with unchanged voices. They sing once per month at the 8:30 AM Sunday Mass.

**Creative Writing Club** - The Creative Writing Club meets regularly to compose works together and annually produces a publication of student prose, poetry, and visual art.

**Engineering Club** – Students learn to work as part of a team, build and program a Lego robot, and solve design challenges. Past groups have worked Future City, NASA, Purple Comet International Math, and IMA Math Challenges and gone on field trips to learn about science, technology, engineering and math (STEM) areas.

**Little Flowers** – Little Flowers is a group for Mothers and Daughters (K-6th grades) to learn together about the saints, virtues, our faith and the Church. Meetings include a lesson, crafts, snacks and time to socialize.

**Liturgical Ministry** – Liturgical Ministry offers students the chance to serve in the rich traditions of the Catholic Church and to offer glory to God. Young men serve as lectors, altar servers, and ushers.

**National Honor Society (NHS)** – The National Honor Society is the nation’s premier organization established to recognize outstanding high school students. More than just an honor roll, NHS serves to honor those students who demonstrate excellence in the areas of scholarship, leadership, service, and character.

**Prayer Group** – The prayer group meets each week before school in the sisters’ chapel to pray the Liturgy of the Hours. They pray for intentions among the student body and cultivate relationships around faith and prayer.

**Pro-Life Club** – The Pro-Life Club’s mission is to defend life from conception until natural death. Activities include praying for the unborn at Mass and Planned Parenthood clinics, helping pack food for Feed My Starving Children, visiting nursing homes, knitting baby hats, and hosting Pro-Life Week.

**Quiz Bowl** – The Quiz Bowl Team offers students in grades 9-12 the chance to make cross-curricular connections with the knowledge they have learned inside and outside of school. Students are grouped into teams of four and participate in friendly competition against area schools. Additionally, four specially selected eighth graders compete at an archdiocesan tournament held annually at the University of St. Thomas.

**The Troops of St. George** – We are a Catholic apostolate for Catholic men and their sons. We are Catholic first above all else. Our campouts feature the Holy Sacrifice of the Mass, the Rosary, the Chaplet of Divine Mercy, the sacrament of Confession, and time-honored Catholic devotions. We are not interested in arts and crafts or meetings for the sake of meetings. Rather, we’re interested in meeting the challenges of being a godly and Christian man for our wives, children, grandchildren, and culture. We want our sons to become true men infused with virtue, decisiveness, and integrity.

**Service Club** – The Service Club’s mission is to encourage all high school students to become involved with the missionary spirit of the Church through prayer and outreach projects. These projects include the bi-annual Red Cross Blood Drive, and collecting food for the annual Thanksgiving and Christmas food drives. Traditional virtues of personal responsibility, moral courage, cooperation, sacrifice, and social justice are emphasized.

**Spanish Club** – Saint Agnes Spanish Club provides an environment for students in the high school to explore the language and culture of the Spanish-speaking world. Students meet once a month and organize activities such as making guacamole, tortillas and salsa, craft making, learning to salsa dance, and watching videos.

**Spring Musical** – The Saint Agnes Spring Musical offers students who love to sing, dance, and act the opportunity to perform. It is open to all students in grades 2-12 and is highly regarded as one of the best productions in the area.

**Students Ambassadors** – High school students assist our Admissions Director by speaking to prospective students on grade school visits, hosting student visitors during the school day, and conducting tours and/or presenting testimonials during Saint Agnes Open Houses.

**Student Council** – Students in grades 9-12 have an opportunity to represent and serve the student body and school community by participating on Student Council. Student Council members will organize and assist with Fall Orientation, Homecoming week, school dances, and various spirit events that will help bring together both the high school and parish communities.

**Yearbook** – The Yearbook staff works hard year-round to create a “snapshot in time” for others to keep as a remembrance of their high school years. Being on staff requires dedication, time, and creativity. Staff members are committed to taking pictures and providing commentary to keep high school memories alive.

## OVERVIEW OF ELEMENTARY PROGRAM (Grades K-6)

The K-6 curriculum is a highly integrated program of study, engaging students in a dynamic way.  
Each year the program offers disciplined study in the following areas:

Grade	K	1 <sup>st</sup>	2 <sup>nd</sup>	3 <sup>rd</sup>	4 <sup>th</sup>	5 <sup>th</sup>	6 <sup>th</sup>
<b>English</b> Language Arts: Reading/Comprehension Spelling/Vocabulary Grammar/Usage Handwriting Writing/Composition	Superkids Reading/Language Arts Program  Shared Inquiry for reading comprehension  English Grammar & Usage: <i>Shurley Grammar</i>			Junior Great Books Series - The Great Books Foundation Short Novels (See Reading List below) Shared Inquiry discussions for reading comprehension  English Grammar & Usage: <i>Shurley Grammar</i>			
	Introduction to History & Geography	Egypt & Mesopotamia	Ancient Greece	Ancient Rome	Middle Ages & Renaissance	American History	World History
<b>History &amp; Geography</b>	Core Knowledge World History & Geography						Catholic School Textbook Project
	Traditional Prayers, Vocabulary, Devotions, & Prayers of the Mass <i>Ave Maria, Pater Noster, Sanctus, Gloria, etc.</i>			Song School Latin	Latin for Children A & B, Classical Academic Press		
<b>Latin</b>	Saxon Mathematics Program						
<b>Mathematics</b>	Introduction to Science	Experience Science 1 <sup>st</sup> Alive / Earth / Magnets / Matter & Heat			Experience Science 4 <sup>th</sup> Aquarium Habitats / Space Light / Energy & Matter		
		2 <sup>nd</sup> Sound / Organisms / Weather		5 <sup>th</sup> Terrarium Habitats / Rocks, Erosion & Weather Electricity / Magnets & Electromagnetism		6 <sup>th</sup> Classification / Human Body / Exploring Space Weather & Water / Chemistry	
<b>Science</b>	3 <sup>rd</sup> Air / Life Cycles / Rocks, Soil & Fossils Forces & Motion / Machines						
<b>Religion</b>	Faith & Life series (Also: St. Joseph Baltimore Catechism & The Catechism of the Catholic Church)						
	Music Theory, Studio Art & Physical Education studied in each grade K-6						
<b>Music Theory Studio Art Art &amp; Music History* Physical Education</b>	*Art & Music History studied in grades 5 & 6						

### Grades 3 - 6 Sample Reading List

#### Junior Great Books titles (The Great Books Foundation)

*The Fisherman & His Wife*, The Brothers Grimm (Grade 3)  
*The Ugly Ducking*, Hans Christian Andersen (Grade 3)  
*Prot & Krot*, Polish Folktale (Grade 4)  
*Ali Baba & the Forty Thieves*, from *Arabian Nights* (Grade 4)  
*Thank you, M'am*, Langston Hughes (Grade 4)  
*The Road Not Taken*, Robert Frost (Grade 6)

#### Short Novels (classic works selected for each grade level)

*St. Benedict, Hero of the Hills*, Mary Fabyan Windeatt (Grade 3)  
*The Door in the Wall*, Marguerie De Angeli (Grade 4)  
*The Lion, the Witch & the Wardrobe*, C.S. Lewis (Grade 5)  
*The Adventures of Tom Sawyer*, Mark Twain (Grade 5)  
*Tales from Shakespeare*, Lamb (Grade 6)  
*Treasure Island*, Robert Louis Stevenson (Grade 6)

\*Report Cards are issued on a semester basis during the academic year;  
Progress Reports are administered at mid-semester.

## SUCCESSFUL LEARNING BEHAVIORS (Grades K-6)

In addition to evaluating success in each subject area, elementary teachers also assess a set of standards by which to evaluate growth and development of children both as a student and a disciple of Christ. These are called “Successful Learning Behaviors” and these categories also apply well to fruitful habits of life in general. The definitions below clearly lay out what qualities each teacher is looking for in our students.

<b>Respectful</b>	Treats classmates, teachers and adults with respect and courtesy
<b>Responsible</b>	Follows directions, obeys rules, and can be relied upon by peers and adults
<b>Engaged</b>	Displays an <i>active and enthusiastic pursuit</i> of learning the material in and out of class
<b>Expressive</b>	Communicates his/her own ideas and emotions honestly and appropriately with others
<b>Attentive</b>	Listens carefully to classmates and adults; observant of transitions between activities
<b>Organized</b>	Uses time wisely; uses materials and space with care; observant of expectations and deadlines
<b>Diligent</b>	Works carefully and thoroughly in class and on written work (homework, projects, tests, etc.)

These behaviors are rated as follows: (4) Consistently, (3) Frequently, (2) Sometimes, and (1) Rarely.



## CURRICULUM MAP: JUNIOR HIGH & HIGH SCHOOL (Grades 7-12)

Grade	7 <sup>th</sup>	8 <sup>th</sup>	9 <sup>th</sup>	10 <sup>th</sup>	11 <sup>th</sup>	12 <sup>th</sup>
<b>Theology</b> 4 credits	Christology: Christ as Priest, Prophet & King	Church History & Preparation for the Sacrament of Confirmation	The Creed & Introduction to Old Testament	Sacraments   10 Commandments & Introduction to New Testament	Apologetics & Catholic Moral Theology	A History of Catholic Dogma: Documents of the Magisterium & Catholic Social Doctrine ~ Honors Senior Theology: Capstone Seminar
<b>English</b> 4 credits	English Grammar & Literature 7	English Grammar & Literature 8	Literature & Composition	American Literature ~ Hon. American Literature	European Literature ~ Hon. European Literature †	World Literature
<b>History</b> 4 credits	The History of Christian Civilization  <i>Pre-History to the Reformation</i>	The Making of the Modern World  <i>Renaissance to Pope Benedict XVI</i>	Introduction to Logic & Philosophy	United States History ~ Honors U.S. History †	European History ~ Hon. European History †	Civics   Government & Economics  The Great Conversation: Integrated Humanities Seminar (Honors)  2.0 credits Engl. & Hist.
<b>Mathematics</b> 3 credits	Pre-Algebra	Algebra IA  Algebra IB	Algebra IB ~ Geometry ~ Honors Geometry	Geometry ~ Algebra II ~ Honors Algebra II	~Algebra II ~Functions, Stats. & Trig. ~Honors Trig. & Pre-Calculus ~Hon. Calc. I †	~Trig. & Pre-Calculus ~Honors Trig. & Pre-Calculus ~Honors Calculus I † / ~Honors Calculus II † ~Statistics
<b>Science</b> 3 credits	Earth Science	Life Science ~ Physical Science	Physical Science ~ Biology	Biology ~ Chemistry / Hon. Chemistry	~Chemistry ~Human Anatomy & Physiology ~Physics/ ~Hon. Physics † ~Fundamentals of Engineering	~Human Anatomy & Physiology ~Physics / H. Physics † ~Hon. Chemistry † ~Hon. Biology † ~Fundamentals of Engineering
<b>Foreign Language</b> 2 credits	Latin IA	Latin IB ~ Spanish I	Greek	Latin & Spanish - Levels I-V (†Levels IV & V) <i>(limited to juniors/seniors with proficiency through previous language level III)</i>		
<b>Fine Arts</b> 1 credit	Art & Band / Music	Art & Band / Music	Band / Concert Chorale / Jazz Band / Madrigal Singers Photojournalism / Sculpture / Drawing / Painting / Adv. Art & Portfolio Prep. <i>Drawing required prerequisite for all other courses; applies to incoming 9<sup>th</sup> graders only. Teacher approval only for Adv. Art &amp; Portfolio Prep.</i>			
<b>Phy. Ed.* &amp; Health</b> 1 credit	Physical Education	Physical Education	Strength & Conditioning / Team & Individual Sports Year A: First Aid, CPR & Health / Year B: Recreational Sports Year C: Cardio Conditioning			
<b>Electives</b> 2.5 credits	N/A	N/A	Technology & Keyboarding <i>High School students must take 2.50 credits of Electives from beyond the minimum credit requirements of the core subject areas above.</i>			

*Report Cards are issued on a semester basis during the academic year.*

24.5 total credits minimum are required for graduation from the High School (1 Semester of a course = 0.50 credit)

\*1 season of a High School sport may cover a 0.50 PE/Health credit toward graduation

/ or ~ symbol indicates a choice in courses † Indicates an Honors course is AP preparatory

## OVERVIEW OF THE JUNIOR HIGH (Grades 7-8)

*These years are marked by intellectual formation grounded in observation, memorization, note-taking, grammar, and language study while increasing the rigor and amount of material encountered by students. The goal of the program is to prepare students with the tools necessary for critical thinking and higher level knowledge application in the High School years.*

**Saint Agnes' Junior High has a core curriculum offering the following courses in both 7<sup>th</sup> and 8<sup>th</sup> grade:**

Religion	Latin	Studio Art	Spanish (8 <sup>th</sup> grade option)
English	Science	Physical Education	
Mathematics	History	General Music / Band	

### English

7<sup>th</sup> Grade: Course of study includes the mastery of basic English grammar, sentence recognition, the 8 parts of speech, parts of sentences, diagramming, and essay composition. 8<sup>th</sup> Grade: Formal grammar study examines more complex sentence structures, helping students to build writing skills toward the application of proper punctuation, grammar, and syntax. In addition, students will continue to work on composing a coherent thesis, supports, and conclusion in their writing. In each grade, several classic novels such as Harper Lee's *To Kill a Mockingbird* are read and discussed.

### History: A Light to the Nations I & II

7<sup>th</sup> Grade: From the coming of Jesus Christ, through the achievements of medieval Christendom, to the threshold of the Enlightenment projects of the 18th century, God's work in history reveals itself. This course combines narrative accounts with the necessary facts, dates, short biographies, and concept definitions needed for a Christian cultural understanding. 8<sup>th</sup> Grade: This course presents the history of the modern era in story form, giving proper emphasis to dates, central characters, and key concepts in each era. The central consideration of this class is how modern ideas, institutions, and culture have developed from the high centuries of Christian culture. This history survey presents the hope that Christian thought and work hold for the future.

### Pre-Algebra & Algebra I (or Honors Algebra I / Honors Geometry)

7<sup>th</sup> Grade: Mastery of integers, exponents, the concept of perimeter, ratios, percentiles, equations, and graphing. 8<sup>th</sup> Grade: Mastery of complex equations, polynomials, and quadratic functions.

### Earth Science, Life Science & Physical Science

7<sup>th</sup> Grade: Mastery of geographical and terrestrial surfaces (erosion, etc.), physical properties of material objects, air and water processes (solubility, etc.), and astronomy.

8<sup>th</sup> Grade: Structures and functions of human and animal life, plants, bacteria, and ecology are studied in Life Science; advanced students may also enroll, upon faculty recommendation, into Physical Science.

### Latin IA & IB / Spanish I (8<sup>th</sup> grade option)

7<sup>th</sup> & 8<sup>th</sup> Grade: Each 7<sup>th</sup> grade student is required to take Latin IA, the language of the Church, as it is proven to augment the intellectual abilities of all students. Instruction includes the mastery of basic grammar, syntax, 8 parts of speech, Latin vocabulary, English word etymologies, the history of the English language, the origin of Romance languages, and basic phonics. Students learn ecclesiastical Latin pronunciation and vocabulary combined with a regular encounter with authors such as Caesar, Cicero, and Vergil in *First Year Latin* by Robert Henle, S.J.. Students will finish Latin IB in 8<sup>th</sup> grade and be prepared for Latin II as freshmen. \*Students may elect to take Spanish I in 8<sup>th</sup> grade, allowing them to enter Spanish II as a freshman.

### Studio Art

7<sup>th</sup> & 8<sup>th</sup> Grade: Students will explore the following areas: print making, collage creation, basic drawing (shading, vertical & horizontal lines, concept of perspective, concept of 3D), and other artistic techniques.

### Religion

7<sup>th</sup> Grade: The main focus of the course is Christology: Christ's two natures (human and divine) are carefully examined along with an analysis of *Jesus as Prophet, Priest, and King*. 8<sup>th</sup> Grade: Mastery of Church history through an analysis of major events from the Chosen People to the Second Coming as well as a basic understanding of the concept of Salvation History. Preparation for Confirmation occurs in 8<sup>th</sup> grade. (*Faith & Life* series is used.)

### General Music or Band

Music theory and vocal techniques are taught with opportunities for choral performances and accompanied by an engaging study of music/art history's major periods. Band focuses on performance and instrumental proficiency.

## OVERVIEW OF HIGH SCHOOL (Grades 9-12)

Building on the fundamentals established in the Junior High, the High School offers a challenging curriculum that prepares students for college/university study and other post-secondary opportunities. The grammar study in the Elementary years, followed by an introduction to abstract thinking and logic in Junior High, is augmented in the High School through an encounter with advanced mathematical processes, laboratory sciences, composition, language study, and critical textual analysis. The comprehensive core-study includes such highlights such as four years of Theology, two consecutive years of required language study (Latin or Spanish) and a host of Honors level courses.\*

## GRADUATION REQUIREMENTS

**Graduation:** Students must successfully complete the following course of study:

Theology	4	credits
English	4	credits
History, Philosophy & Economics	4	credits
Mathematics	3	credits
Science	3	credits
Foreign Language	2	credits
Fine Arts	1	credit
Physical Education/Health	1	credit
Electives	<u>2 ½</u>	credits
<b>TOTAL CREDITS</b>	<b>24 ½</b>	<b>credits</b>

**Note:** Courses that are worth ½ credit are semester-long, and courses worth 1 credit are full-year. (e.g., Chemistry is a 1 credit full-year course; Economics is a semester-long ½ credit course.)

\*By choosing an Honors course a student is committing to the entire year; students will only be allowed to drop or switch an Honors course for legitimate academic reasons as determined by the Academic Dean in conjunction with teacher input.

**Grading:** In grades 7-12, academic progress reports are distributed on a quarterly basis and final grades are issued at the end of each semester. Saint Agnes School uses a 4.0 standard GPA scale. Using this scale, a student's grade point average (GPA) is calculated each semester by adding the numerical equivalency of all grades and dividing by the number of courses involved. A multiplier system (1.1 multiplier) is used for Honors (AP) courses. The multiplier effect is indicated on the table with the corresponding percentages.

Letter Grade	% value	Grade Point	Honors 1.1 Multiplier
A	93 and above	4.0	4.4
A -	90	3.7	4.1
B +	87	3.3	3.6
B	83	3.0	3.3
B -	80	2.7	3.0
C+	77	2.3	2.5
C	73	2.0	2.2
C -	70	1.7	1.9
D +	67	1.3	1.4
D	63	1.0	1.1
D -	60	0.7	0.8
F	59 and below	0.0 (no credit earned)	0.0 (no credit earned)

## DUAL-ENROLLMENT COURSES & CREDITS

Saint Agnes School has completed an agreement with the University of Mary to host a dual-enrollment program. This dual-enrollment program allows students who have a current cumulative GPA of 2.67 or higher (B- average or higher) to earn college credit simply by taking the rigorous courses that we already offer at Saint Agnes – courses taught by teachers who have either a Master’s degree or PhD. The course syllabi are also approved by the University of Mary to ensure that they are rigorous in their content and pacing and reasonably meet the standard of a similar university course.

The following courses are enrolled in the program and will count for college credit:

### Saint Agnes School courses:

Latin I, Latin II, Latin III, Latin IV, Latin V  
Catholic Moral Theology  
Introduction to Old Testament  
The Great Conversation: Integrated...  
World Literature (Senior English)  
European History (non-Honors & Honors)  
Honors Physics (Honors only)  
U.S. History (non-Honors & Honors)  
Catholic Social Doctrine  
Introduction to New Testament  
Fundamentals of Engineering  
The Creed  
Apologetics  
A History of Catholic Dogma  
Sacraments & 10 Commandments

### UMary courses (each listed course will earn 3.00 college credits):

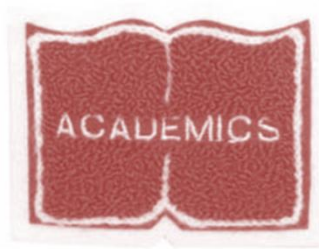
LAT 101, LAT 102, LAT 201, LAT 202, LAT 301  
THE 270  
THE 110  
PHI 201  
ENG 130  
HIS 102  
PHY 203  
HIS 271  
THE 208  
THE 203  
ENR 101  
THE 112  
THE 104  
THE 250  
THE 221



### Why should I consider this for my student?

- Dual-enrollment courses, like Honors-level classes, look good on a transcript and benefit the college admissions process.
- Potential to save hundreds and perhaps thousands of dollars on college tuition
- Exempted from credit requirements in college and/or possibility to take more advanced course work: for sure at UMary and, UMary assures, “are transferrable to just about every other college/university” (please contact UMary directly for more information on this)
- Students will receive a transcript from UMary upon completion and request (in addition to the report card and transcript from Saint Agnes School); families need to request these in the summer from UMary’s registrar office
- Minimum grade requirement (to earn credit at other college/universities) = depends on which college/university is accepting the transferrable credit, but at least a “B” is recommended to avoid issues.

## LETTERING IN ACADEMICS (Grades 9-12)



Listed on report cards for grades 9-12 are the criteria for Academic Honors as well as qualifying for a letter in Academics. The criteria are as follows:

First Letter (Academics Patch: book or lamp):

- 2 consecutive semesters of Principal's List (3.67 GPA and above)
- 3 consecutive semesters of Dean's List (3.33-3.66 GPA)
- 4 consecutive semesters of Honor Roll (3.00-3.32 GPA)

Subsequent Letters (bar patch):

- 1 semester of Dean's List or higher

If you qualified for a letter in Academics (or have in the past) and would like to obtain a letter and/or letter jacket, please visit or contact:

**Strauss Skates and Bicycles**  
1751 East Cope Avenue  
St. Paul, MN 55109  
651-770-1344  
www.StraussSkates.com

*Or you may order online from:*

**MECA Sportswear**  
Click [HERE](#) to begin order process  
School ID is: 3881  
Password is: **meca**  
Click [HERE](#) for Meca online ordering instructions

[Harold's Shoe Repair](#)  
2940 Rice Street  
Little Canada, MN 55113  
651-484-6109

The initial letter is an Academics Patch (actual patches pictured: book and lamp of learning) and subsequent letters are a bar patch (as in Athletics).

**Please contact the Main Office if you have further questions.**

## POST-SECONDARY PLANNING

### Overview of the Guidance Office's Services

The Guidance Office at Saint Agnes School supports students and parents through a number of initiatives in the college application process. Materials are available in the Guidance Office Resource Center located on the third floor near the library: guides to choosing the right college, vocational studies, and college/university course guides and brochures. On our website, there are several helpful links containing printable resources, names of post-secondary scholarships, and other information such as college visits at Saint Agnes School.

The Guidance Office faculty also meets with students throughout their academic progression from grades 7-12, culminating in a one hour post-secondary planning meeting during the winter of junior year with both student and parents.

#### **To summarize, the Guidance Office:**

- Provides an electronic transcript request service through an online program for students and parents
  - The online program sends grades and ACT/SAT test scores to colleges and universities in minutes, eliminating wait times
- Provides Naviance/Family Connection: a comprehensive online post-secondary planning resource
  - Provides easy access to information about colleges
  - Provides students with helpful career interest and personal inventories
  - Provides easy access to scholarships both local and national
  - Allows students to track the progress of their college applications
- Provides standardized testing practice and experience
  - ACT's Explore exam administered to all incoming freshmen
  - ACT's PLAN exam administered to all sophomores
  - College Board's PSAT exam administered to all juniors
  - ACT is hosted on-site at Saint Agnes School each April
  - An 18 session ACT preparation course offered each spring prior to the April testing date
- Hosts college and university visits on campus
- Provides information about various events at colleges and universities for students to attend
- Collects local scholarship information for students
- Hosts an annual Financial Aid Night in January in anticipation of the completion of FAFSA forms
- Meets with students throughout their time at Saint Agnes
  - Junior High students: regarding the transition to High School
  - Freshmen: about the importance of doing well in High School with an eye to the future
  - Sophomores: about Explore and PLAN standardized test scores and beginning the college planning process
  - Juniors: an hour-long meeting over-viewing the student's full transcript (grades, credits, standardized test scores), career interest inventories, personality inventory and other college/career aspirations in order to create a plan for the college application process
  - Seniors: throughout the year to provide support in the college application process

## Course Offerings

### FRESHMAN YEAR

**Theology:**

The Creed ( <i>fall semester</i> ).....	½ credit
Introduction to the Old Testament ( <i>spring semester</i> ).....	½ credit

**English:**

Literature & Composition .....	1 credit
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**History, Philosophy & Economics:**

Introduction to Logic & Philosophy .....	1 credit
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**Mathematics:**

Algebra I.....	1 credit
Geometry .....	1 credit
Honors Geometry.....	1 credit
Algebra II .....	1 credit
Honors Algebra II.....	1 credit

**Science:**

Physical Science ( <i>typically taken with Algebra I</i> ) .....	1 credit
Biology ( <i>typically taken with Geometry, Honors Geometry or Hon. Algebra II</i> ) .....	1 credit

**Foreign Language:**

Latin I (or appropriate level) .....	1 credit
Spanish I (or appropriate level).....	1 credit

**Fine Arts & Electives:**

Drawing (NOTE: <i>Drawing is entry level req. course into other Studio Art classes</i> ) .....	½ credit
Sculpture.....	½ credit
Painting.....	½ credit
Advanced Art / Portfolio Preparation ( <i>Instructor approval required</i> ) .....	½ credit
Photojournalism .....	½ credit
Concert Chorale.....	1 credit
Concert Band .....	1 credit
Jazz Band ( <i>8<sup>th</sup> period, meets three days per week</i> ) .....	½ credit
Technology & Keyboarding .....	½ credit

**Physical Education/Health:**

Strength & Conditioning .....	½ credit
Team & Individual Sports .....	½ credit
Year A (2017-18): First Aid, CPR, & Health .....	½ credit
<b>Year B (offered 2018-19): Recreational Sports</b> .....	½ credit
Year C (2019-20): Cardio Conditioning .....	½ credit

## Course Offerings

### SOPHOMORE YEAR

**Theology:**

The Sacraments & Ten Commandments ( <i>fall semester</i> ) .....	½ credit
Introduction to the New Testament ( <i>spring semester</i> ) .....	½ credit

**English:**

American Literature .....	1 credit
Honors American Literature.....	1 credit

**History, Philosophy & Economics:**

United States History .....	1 credit
Honors United States History .....	1 credit

**Mathematics:**

Geometry .....	1 credit
Honors Geometry.....	1 credit
Algebra II .....	1 credit
Honors Algebra II.....	1 credit
Trigonometry & Pre-Calculus.....	1 credit
Honors Trigonometry & Pre-Calculus .....	1 credit

**Science:**

Biology ( <i>taken with Geometry or Honors Geometry</i> ) .....	1 credit
Chemistry ( <i>taken with Algebra II, Honors Algebra II, or higher</i> ).....	1 credit

**Foreign Language:**

Latin II (or appropriate level).....	1 credit
Spanish II (or appropriate level) .....	1 credit

**Fine Arts & Electives:**

Drawing.....	½ credit
Sculpture.....	½ credit
Painting.....	½ credit
Advanced Art / Portfolio Preparation ( <i>Instructor approval required</i> ) .....	½ credit
Photojournalism .....	½ credit
Concert Chorale.....	1 credit
Concert Band .....	1 credit
Jazz Band ( <i>8<sup>th</sup> period, meets three days per week</i> ) .....	½ credit
Madrigal Singers ( <i>8<sup>th</sup> period, meets three days per week</i> ).....	½ credit
Technology & Keyboarding .....	½ credit

**Physical Education/Health:**

Strength & Conditioning .....	½ credit
Team & Individual Sports .....	½ credit
Year A (2017-18): First Aid, CPR, & Health .....	½ credit
<b>Year B (offered 2018-19): Recreational Sports</b> .....	½ credit
Year C (2019-20): Cardio Conditioning .....	½ credit



## Course Offerings JUNIOR YEAR

### Theology:

Apologetics ( <i>fall semester</i> ) .....	½ credit
Introduction to Catholic Moral Theology ( <i>spring semester</i> ).....	½ credit

### English:

European Literature .....	1 credit
Honors European Literature.....	1 credit

### History, Philosophy & Economics:

European History .....	1 credit
Honors European History.....	1 credit

### Mathematics:

Algebra II .....	1 credit
Honors Algebra II.....	1 credit
Trigonometry & Pre-Calculus (formerly FST).....	1 credit
Honors Trigonometry & Pre-Calculus .....	1 credit
Honors Calculus I .....	1 credit

### Science:

Chemistry ( <i>taken with Algebra II</i> ) .....	1 credit
Physics ( <i>taken with Trigonometry &amp; Pre-Calculus or Honors Trigonometry &amp; Pre-Calculus</i> ).....	1 credit
Honors Physics .....	1 credit
Anatomy & Physiology ( <i>completion of Biology and Chemistry required</i> ) .....	1 credit

### Foreign Language:

Latin III (or appropriate level) .....	1 credit
Spanish III (or appropriate level).....	1 credit
Greek (if student has completed language level III).....	1 credit

### Fine Arts & Electives:

Drawing.....	½ credit
Sculpture.....	½ credit
Painting.....	½ credit
Advanced Art / Portfolio Preparation ( <i>Instructor approval required</i> ) .....	½ credit
Photojournalism .....	½ credit
Concert Chorale.....	1 credit
Concert Band .....	1 credit
Jazz Band ( <i>8<sup>th</sup> period, meets three days per week</i> ) .....	½ credit
Madrigal Singers ( <i>8<sup>th</sup> period, meets three days per week</i> ).....	½ credit
Technology & Keyboarding .....	½ credit

### Physical Education/Health:

Strength & Conditioning .....	½ credit
Team & Individual Sports .....	½ credit
Year A (2017-18): First Aid, CPR, & Health .....	½ credit
<b>Year B (offered 2018-19): Recreational Sports</b> .....	½ credit
Year C (2019-20): Cardio Conditioning .....	½ credit

## Course Offerings

### SENIOR YEAR

**Theology:**

A History of Catholic Dogma: Documents of the Magisterium ( <i>fall semester</i> ).....	½ credit
Catholic Social Doctrine ( <i>spring semester</i> ).....	½ credit

**English:**

World Literature.....	1 credit
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**History, Philosophy & Economics:**

Civics   Government .....	½ credit
Economics.....	½ credit

**\*Combined English & History, Philosophy & Economics:**

The Great Conversation: Integrated Humanities Seminar (Honors) .....	2 credits
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**Mathematics:**

Functions, Statistics & Trigonometry.....	1 credit
Honors Trigonometry & Pre-Calculus .....	1 credit
Honors Calculus I .....	1 credit
Honors Calculus II .....	1 credit
Statistics .....	1 credit

**Science:**

Physics / Honors Physics.....	1 credit
Anatomy & Physiology ( <i>completion of Biology and Chemistry required</i> ) .....	1 credit
Honors Biology.....	1 credit
Honors Chemistry.....	1 credit

**Foreign Language:**

Latin IV (or appropriate level) .....	1 credit
Spanish IV (or appropriate level).....	1 credit
Greek (if student has completed language level III).....	1 credit

**Fine Arts & Electives:**

Drawing.....	½ credit
Sculpture.....	½ credit
Painting.....	½ credit
Advanced Art / Portfolio Preparation ( <i>Instructor approval required</i> ) .....	½ credit
Photojournalism .....	½ credit
Concert Chorale.....	1 credit
Concert Band .....	1 credit
Jazz Band ( <i>8<sup>th</sup> period, meets three days per week</i> ) .....	½ credit
Madrigal Singers ( <i>8<sup>th</sup> period, meets three days per week</i> ).....	½ credit
Technology & Keyboarding .....	½ credit

**Physical Education/Health:**

Strength & Conditioning .....	½ credit
Team & Individual Sports .....	½ credit
Year B (2018-19): Recreational Sports.....	½ credit

## DEPARTMENTS & COURSE DESCRIPTIONS

### Electives

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**Requirement:**

High school students are required to take 2.50 credits (or five semesters) of elective courses. By taking more courses in each subject area beyond the minimum requirement (e.g. more than two years of Spanish), students complete the Elective requirement.

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**Technology & Keyboarding**

Grades: 9-12

Credit: 1/2

Description: The course will provide an opportunity to learn the touch type method on the computer keyboard using correct techniques as well as develop students' proficiency in speed and accuracy. Students will be introduced to the formatting of personal and business letters, tables, notes, memos and reports. No previous keyboarding experience required. In addition, students will be more familiar with the following: Use computer equipment properly and maturely; master the computer keyboard (letters, numbers, and symbols); demonstrate proper keyboarding techniques; use both keyboard functions and a mouse; practice good work habits; improve keyboarding speed and accuracy; improve critical proofreading skills; save and retrieve computer information; properly format and finalize documents (memos, letters, tables, and reports).

## English

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### Statement of Philosophy

The English program at Saint Agnes follows a three-year cycle of American, British and World literature, with advanced electives offered during junior and senior years. Throughout the curriculum there is an emphasis on developing speaking and writing skills through the analysis and discussion of literature. The program exposes students to the great books of the western intellectual tradition in order that they gain the necessary cultural literacy to understand common references and the modern world around them. Through seminar discussions, students are trained to think logically and analyze literature constructively with their peers.

The study and discussion of good literature conveys to students the meaning of things through a representation of human experience using particular images and events, through story and philosophy. Good literature always portrays in some way the true, the good, and the beautiful, but sometimes reveals the reality of suffering, evil and ugliness in order to provide profound insights into our fallen humanity.

### A Sample of the works of literature read by Saint Agnes students:

<i>Beowulf</i>	<i>Antigone</i> , Sophocles	<i>Macbeth</i> , Shakespeare	<i>The Scarlet Letter</i> , Hawthorne
<i>The Divine Comedy</i> , Dante	<i>Iliad</i> , Homer	<i>The Great Divorce</i> , Lewis	<i>Crime and Punishment</i> , Dostoevsky
<i>To Kill a Mocking Bird</i> , Lee	<i>Prometheus Bound</i> , Aeschylus	<i>A Tale of Two Cities</i> , Dickens	
<i>Twelve Angry Men</i> , Rose	<i>Huckleberry Finn</i> , Twain	<i>A Man for All Seasons</i> , Bolt	

### Writing Program: *The Lost Tools of Writing* (CiRCE Institute) in Grades 5-12

*Solve the Three Problems All Writers Face*      *Cultivate Deeper Thinking*      *Provide a Foundation for Future Learning*

### Courses (4 credits/4 years required):

- 9: Literature & Composition
- 10: American Literature / Honors American Literature
- 11: European Literature / Honors European Literature\*
- 12: World Literature / Honors World Literature\*

*\*The Honors European Literature course helps to prepare students for the AP Language & Composition exam and the Honors World Literature will help to prepare students for the AP Literature & Composition exam. AP exam preparation is included in addition to the advanced-level study in Honors classes' but it is a secondary concern; preparation for the AP exam should not be viewed as the primary purpose of these English classes. Please consult the Advanced Placement statement in Appendix C of this document.*

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### Literature & Composition

Grade: 9

Credit: 1

Description: Literature & Composition is a rigorous introduction to the four basic areas of communication: reading, writing, speaking, and listening. Literature selections will include a variety of both major and minor works from world literature. Writing and public speaking components will be strengthened by grammar usage, vocabulary building, and development of different types of essays, daily discussions, student-guided dialogue, and formal speeches. Students new to Saint Agnes School will be introduced to writing under the MLA guidelines and format in preparation for undergraduate composition.

### **American Literature & Composition**

Grade: 10

Credit: 1

Prerequisite: Introduction to Literature & Composition

Description: In this course, students will explore how literature has developed throughout American history. Literature will focus on a variety of American fiction and nonfiction: essays, short stories, plays, and novels. As students' English skills progress this course will further develop reading and writing skills, including vocabulary, literary analysis, and composition. Moreover, the course incorporates a speech segment that requires the student to improve both formal and informal speaking skills.

### **Honors American Literature & Composition**

Grade: 10

Credit: 1

Prerequisite: "B+" average or above in Literature & Composition and/or recommendation from instructor.

Description: The comprehensive study of communication, reading, writing, speaking, and listening, will continue in this course at an advanced level. The literature component will study and analyze American works from 1590 to the present. The writing component will include advanced grammatical concepts, college-level vocabulary building, the research process, and writing literary criticism and analysis. Public speaking will remain a key component. Study will move at an accelerated pace and will consistently challenge students to think critically.

### **European Literature & Composition**

Grade: 11

Credit: 1

Prerequisite: American Literature or Honors American Literature.

Description: This course analyzes the classics that form the foundation of European Literature, including Chaucer, Plato, Dostoyevsky, Shakespeare, Tolstoy and various poets to the 20<sup>th</sup> century. In addition, the course covers both reflective and analytical genres of composition to better prepare students to write at the college level. Students will continue to learn compositional and analytical skills by building upon the ascending goals and skills of the freshman and sophomore English program.

### **Honors European Literature & Composition**

Grade: 11

Credit: 1

Prerequisite: "Above average" or higher in previous course, teacher recommendation, parent approval.

Description: This is an advanced course for students who have demonstrated above-average ability in previous English classes and who desire an academically challenging study of rhetorical techniques in persuasive writing and the implementation of such techniques and critical thinking skills in composition in preparation for college. This course analyzes the classics that form the foundation of European Literature, including Chaucer, Plato, Dostoyevsky, Shakespeare, Tolstoy and various poets to the 20<sup>th</sup> century. In addition, the course covers both reflective and analytical genres of composition to better prepare students to write at the college level. Students will continue to learn compositional and analytical skills by building upon the ascending goals and skills of the freshman and sophomore English program. Upon completion of the course,

students may elect to take the Advanced Placement examination in Language & Composition for possible credit at their chosen colleges. There is an additional fee for this examination; *preparation for the AP exam is a secondary focus of the course.*

### **World Literature & Composition**

Grade: 12

Credit: 1

Prerequisite: British Literature.

Description: This literature and composition course focuses on preparing students for literary analysis and formal writing at the collegiate level. Thus, students spend time studying the conventions of undergraduate composition, developing and articulating a clear thesis statement; providing sufficient support for that thesis; using logical and effective patterns of organization; and observing standards of correct English grammar/usage. In addition, students will study and compose different essay types: expository, persuasive, analytical, and others. Individual conferences with the instructor, as well as extensive peer review of student writing, are important elements of the course. Students will also encounter several classical and modern literary works, investigating the cultural impact of these texts on the realms of literature, history, and culture.

### **The Great Conversation: Integrated Humanities Seminar**

Grade: 12

Credit: 2

Prerequisite: Approved by instructor

Description: This two period honors-level seminar is an exciting addition to the high school program. The course will integrate studies in history, literature, philosophy, politics, and the arts through the reading of the Great Books of the western tradition. The advantage of a two period block will allow for more sustained conversation and questions as well as opportunities to integrate writing and research in multiple areas of the humanities. Students will also conduct an annual research project which will reflect their integrated study, and present their findings in a public speech after honing their rhetorical skills. Such a course will produce excellent intellectual habits of mind in students and prepare them immensely well for post-secondary study. Other benefits of the block humanities seminar include:

- Special trips, lectures, cultural experiences (e.g. museums, concerts, films, etc.)
- Leadership/mentoring component
- Opportunities to partner with summer university programs
- Increased GPA value beyond other honors course offerings
- Course materials (e.g. books) will be owned by students for ease of annotation/notes
- Elements of: seminar discussion, writing, formalizing rhetorical skills, integration of subject areas, honing logic and dialectical skills
- The program will be distinctively promoted to colleges and universities

Upon completion of the course, students may elect to take the Advanced Placement examination in Literature & Composition for possible credit at their chosen colleges. There is an additional fee for this examination; *preparation for the AP exam is a secondary focus of the course.*

## Fine Arts

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### Statement of Philosophy

#### Studio Art

The goal of the Studio Art program is to provide students with the ability to see beauty and understand that good art is composed through skill and the execution of good techniques. The program aims to introduce students to the skills required to successfully and creatively produce beautiful work in various media. Students have the opportunity to work with various media in an array of different studio classes.

#### Vocal Music

"The treasure of sacred music is to be preserved and fostered with great care."

-*Sacrosanctum Concilium*, 114 (Second Vatican Council)

The Vocal Music program at Saint Agnes is highly regarded for its performances of beautiful music of the Renaissance, Baroque, Classical, Romantic and Contemporary eras. A great deal of emphasis is placed on a healthy vocal technique and the development of a beautiful, rich choral tone. Solfege based sight-reading and ear training is incorporated as well. A computer music theory program is used to supplement this study.

#### Instrumental Music

The Instrumental Music program at Saint Agnes is grounded in giving students authentic experiences in music that encourage independent musicianship. Through large ensemble, chamber ensembles, and solo study, students are exposed to quality literature that encourages refined technique and ensemble development. The comprehensive curriculum includes listening, analyzing, composing, improvising, and performing, and fosters an appreciation of beauty through understanding music.

#### Fine Arts Festival / Christmas Program

Each year students in the Fine Arts programs combine their talents and time to celebrate Christmas and put on a Fine Arts festival; these displays of vocal music, band and studio art bring the Saint Agnes community together to celebrate the many talents of our students.

#### Studio Arts courses:

Drawing (Level I & II)  
Painting (Level I & II)  
Sculpture (Level I & II)  
Photojournalism  
Advanced Art/Portfolio Preparation (Honors GPA)

#### Performing Arts courses:

Concert Chorale  
Concert Band  
Jazz Ensemble  
Madrigal Singers

**NOTE: There is a \$25.00 materials fee for all Studio Art courses.**

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#### Drawing (Levels I & II)

Grades: 9-12

Credit: 1/2

Prerequisite: Level I required for Level II

\*\$25.00 Materials Fee

Description: This course focuses on the mastery of drawing techniques such as line, shading, chiaroscuro, 3D, and perspective. Students will also learn color theory and focus on color methods using a variety of drawing materials. In addition, a study of the artwork of Western Christian Masters from the 14<sup>th</sup> to the 20<sup>th</sup> century will help students learn and appreciate various drawing skills. Level II will offer advanced study.

*NOTE: Level I and II will be split once the class rosters are complete and will be based on completion of Level I.*

### **Painting (Levels I & II)**

Grades: 9-12

Credit: 1/2

Prerequisite: Level I required for Level II

\*\$25.00 Materials Fee

Description: Students will be introduced to various painting methods and materials and they will also learn to develop aesthetically appropriate content and subject matter in their art. The focus is on color and shading methods and further use of the elements of art. In addition, a study of the artwork of Western Christian Masters from the 14<sup>th</sup> to the 20<sup>th</sup> century, particularly oil and watercolor works, will help students learn and appreciate various painting skills and styles. Level II will offer advanced study.

*NOTE: Level I and II will be split once the class rosters are complete and will be based on completion of Level I.*

### **Sculpture (Levels I & II)**

Grades: 9-12

Credit: 1/2

Prerequisite: Level I required for Level II

\*\$25.00 Materials Fee

Description: This course is designed for students interested in three-dimensional artwork. The specific objectives of this course are to expose the student to a variety of materials and techniques. Students will work with a variety of mediums including metals, plaster, and ceramics. The development of an aesthetic sensibility as applied to student work will be stressed throughout the semester. Students will be introduced to the styles and concepts of both historical and contemporary three-dimensional work. Individual expression will be encouraged in light of the skills and styles taught. Level II will offer advanced study.

*NOTE: Level I and II will be split once the class rosters are complete and will be based on completion of Level I.*

### **Photojournalism**

Grades: 9-12

Credit: 1/2

Prerequisite: None.

\*\$25.00 Materials Fee

Description: In a continuing effort to educate young adults in Truth, Goodness, and Beauty, this course is intended to introduce students to the digital camera as a tool to create and capture beauty in the world around them. Photography, as experience captured and beauty seen, forces the photographer to use an inquisitive eye that is patient, creative, and open to the world. In order to capture life experiences and beauty in nature, architecture, or people, students will learn the fundamentals of photography and how to utilize those fundamentals. Students will also learn about and begin to apply the elements and principles of design. The photographs students take while completing this course will be used to help create the Saint Agnes High School Yearbook. The Yearbook component will help students to gain useful, real world skills in time management, copywriting, marketing, teamwork, and design principles, underlining the journalism element of the course.



### **Advanced Art / Portfolio Preparation (Honors Level & Honors GPA)**

Grades: 9-12

Credit: 1/2

Prerequisite: Written instructor approval required.

\*\$25.00 Materials Fee

Description: This course is reserved for students who have already proven their artistic abilities and are hoping to continue advanced studio art study in various media, to build a portfolio of their work, or to accomplish both. Prospective students must obtain the instructor's written approval to enter into this course. Students will learn how to advance their skills in various media as well as develop their own portfolio and digitize their work. Over the course of the semester, students will prepare a professional portfolio for presentation. Each student will compose an artist's statement and, with the help of the instructor, develop a college letter of intent (if they plan to pursue post-secondary fine arts). The course will also prepare portfolio work for competitions and scholarships as well as a professional press packet, including items such as business cards and postcards.

### **Concert Chorale**

Grades: 9-12

Credit: 1

Prerequisite: Must meet formal audition requirements as deemed by instructor.

Description: The Concert Chorale is a large ensemble whose purpose is to prepare and perform music written for mixed voices. It performs in three yearly school concerts, attends the St. Olaf Choral Festival and other music festivals, goes on tour, and sings at various Catholic grade schools and local churches. Selected members also participate in several honor choir festivals each year and in the MSHSL choral and solo competitions. SATB, SSAA and TTBB music of the Renaissance, Baroque, Classical, Romantic, and Contemporary eras are preformed. Strong emphasis is placed on a healthy vocal technique and the development of a beautiful, rich choral tone. Solfege based sight-reading, ear training, and a computer music program are used to supplement this study. Evaluation is based upon concert performance, daily rehearsal, attendance and participation, occasional written assignments, quizzes and outside concert reviews.

### **Madrigal Singers**

Grades: 10-12

Credit: 1/2

Prerequisite: Audition and approval by director.

**Note:** *The course meets during 8<sup>th</sup> period three days per week.*

Description: The Madrigal Singers are the elite choir at Saint Agnes School. The group performs at various events and liturgical functions, and is renowned for skilled execution of beautiful music chosen by the director. Students are trained for performance at the highest level.

## **Concert Band**

Grades: 9-12

Credit: 1

Prerequisite: Enrollment in Band previous year or permission from Director is required.

Description: The Concert Band is an ensemble that works towards independent musicianship through large group, individual, and small group playing. Students will become proficient on their instrument through quality band literature, as well as solo and ensemble repertoire. They will develop as musicians through a combination of creating, responding to, and performing music. Students are evaluated on their progress regularly through individual performances as well as recorded performances and written work. Concert Band members are required to attend and perform in three formal concerts per year, as well as numerous athletic pep band events. Students may also receive outside performance opportunities including chamber music performances and assisting with music at school Mass. Unless arrangements are made with the director, students are responsible for their own instruments and materials.

## **Jazz Ensemble**

Grades: 9-12

Credit: ½

Prerequisite: Permission from Director is required.

**Note:** *The course meets during 8<sup>th</sup> period three days per week.*

The jazz ensemble explores the jazz genre of music through listening, critiquing, analyzing, discussion, and performance. Students will learn a variety of jazz styles found within this genre. Students will understand the history of jazz, learn about specific musicians, understand and be able to define the different styles, learn the blues scale and its application, learn about various keys and chord progressions, improve improvisation skills, and develop the skills necessary to perform jazz music in an authentic style. A minimum of two performances will be required, with other opportunities for small combo playing and enrichment workshops.

## Foreign Language

### Statement of Philosophy

*“And the Word became flesh and dwelt among us.” –John 1:14*

The human person is made for communication—with others and with God. Language study at Saint Agnes School responds to students’ innate desire to communicate and in turn to be understood by others.

Through a study of the ancient language of Latin, the major root of English and the Romance languages, students are put in touch with a golden cultural thread woven throughout the ages: the language of western culture and the Catholic Church. All students in grades K-7 have the distinct privilege of studying Latin; those who continue with upper-level study enjoy reading Caesar, Cicero and Vergil in their original tongues as well as ecclesiastical authors. Through the study of a modern language such as Spanish, the student is able to enter into dialogue with the growing number of foreign language speakers not just around the globe, but also in our own country, cities, and neighborhoods. By studying Greek, students are given the opportunity to read the New Testament in its original language as well as classical authors such as Homer, Sophocles and Plato.

By learning another language, whether ancient or modern, Saint Agnes students are immersed in an exciting study of other epochs, geographical regions and cultures through vibrant and living classrooms that make language learning an exceptional experience. The study of foreign languages also trains the mind by increasing memorization, organized thinking, and abstract thought through an integration of history, culture, speaking and translation exercises.

**Minimum Requirement:** Two consecutive years of Latin or Spanish in High School

**Courses:** Latin I-V, Spanish I-V and Greek (Honors-level)

#### **Electives:**

Further levels of Latin, Spanish or Greek beyond the two year consecutive minimum in High School.

*\*Latin V, Spanish V or Greek II may be available with a stable group; please consult the Academic Dean.*

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### **Greek (Honors-level study)**

Grades: 11-12

Credit: 1

Prerequisite: Demonstrated proficiency in language level III or permission of the Academic Dean.

Description: This intensive introduction to Greek aims at linguistic training and humanistic insight—a “nuts and bolts” course of ancient Greek grammar with an appreciation for the culture and people who developed this majestic language. The course will focus on the learning of *koine* Greek which will allow the student to read with ease the New Testament. The first semester will largely concentrate on learning basic vocabulary, grammar and insight into the cultural milieu of the rise of Greece as a determining cultural force of the West. Noun declensions and verb conjugations will be emphasized. The second semester transitions from grammar to reading portions of the New Testament and the theological and philosophical import of the sacred texts. As time and progress permit, the course will also access Attic Greek, so that students will be able to read the classics of the Western Tradition such as Plato, Herodotus, Aesop, and Sophocles.

### **Latin I**

Grades: 9-12

Credit: 1

Description: The twin goals of the Latin program at Saint Agnes are linguistic training and authentic humanistic insight. To that end, Saint Agnes School offers a four year Latin curriculum employing the pedagogical course outlined by Fr. Robert J. Henle, S.J. Latin I is an introduction to the Latin language and grammar. The main objective of the first year study is a thorough mastery of Latin forms, basic syntax, and vocabulary. Vocabulary is selected from the classical texts that students will read in the later years of our curriculum. In addition, students will be introduced to classical culture and the ecclesial traditions of the Latin Rite.

## **Latin II**

Grades: 9-12

Credit: 1

Prerequisite: Successful completion of Latin I.

Description: Latin II begins with a review of the grammar covered in Latin I. Students will continue the study of Latin grammar and syntax addressing more complex grammatical points. The primary objective of the Latin II course is to read selections from Julius Caesar's *Commentaries on the Gallic Wars*. Students will follow Caesar's campaign through Gaul and Western Europe and trace the very beginnings of the Roman Empire. Students will also study select ecclesiastical texts to include the Scriptures, hymns, and prayers of the Divine Office.

## **Latin III**

Grades: 10-12

Credit: 1

Prerequisite: Proficient completion of previous level.

Description: Latin III introduces students more fully to the genius of the Roman mind through its exemplar, Marcus Tullius Cicero. The bulk of study in this course of study will be Cicero's Orations against Catiline. Students will be introduced to rhetoric and its linguistic subtleties. In addition, through their study of the language, they will be introduced to philosophy, law, and the political organization of Rome. Cicero is the model of Latin expression par excellence and his influence is powerfully felt in the whole of Western Civilization and in the writings of, among others, St. Augustine.

## **Latin IV (Honors level)**

Grades: 10-12

Credit: 1

Prerequisite: Proficient completion of previous level.

Description: Latin IV rounds out the Saint Agnes curriculum through the delightful study of Vergil's great epic poem, *The Aeneid*. Essential to a classical education is the study of this great work written at the request of Emperor Augustus to celebrate the glory and grandeur of Rome. *The Aeneid* has been the staple of a Catholic education as well-treating of its ultimate values in light of the larger truth and higher love which has been given to us by Christ. Thus, it is fitting that the Latin program concludes through an understanding of the poem that influenced Dante in his composition of the *Divine Comedy* and all of Western Civilization. While *The Aeneid* will make up the bulk of the students' study during Latin IV, other texts will also supplement the study, not excluding selections from the Divine Office and other ecclesial writings. The course may also prepare interested students for the AP Latin exam.

### **Spanish I**

Grades: 9-12

Credit: 1

Description: The aim of this course is to provide students with the foundation of the Spanish language as well as to introduce and train the students in the basic skills of listening, speaking, reading and writing. Students develop skills to communicate effectively in real-life situations and build a foundation for greater fluency in successive years of study. Students learn about differences and similarities of Hispanic cultures and explore the traditions of Catholicism in Spanish speaking countries.

### **Spanish II**

Grades: 9-12

Credit: 1

Prerequisite: Successful completion of Spanish I.

Description: This course offers a brief review of level one and helps the students develop knowledge of the more complex structures of the language. Supplemental readings, writing assignments, listening comprehension, and oral speaking drills all help students to coordinate the basic skills. Exploration of Hispanic cultures continues.

### **Spanish III**

Grades: 10-12

Credit: 1

Prerequisite: Proficient completion of previous level.

Description: Spanish III further develops listening, reading, writing, and speaking skills. Mastery of basic grammatical components of Spanish are refined and more complex structures are practiced. Much of the class is conducted in Spanish and students are encouraged to speak Spanish at every opportunity to increase proficiency. This course provides further insights into the culture of the Spanish-speaking world. Supplemental readings are required.

### **Spanish IV (Honors level)**

Grades: 10-12

Credit: 1

Prerequisite: Proficient completion of previous level.

Description: Spanish IV students reinforce language concepts through more complex written work, conversations and presentations, and listening exercises. The goals are to comprehend authentic materials in the target language, to provide opportunities for a significant amount of practice in speaking and listening and to develop writing as a communicative skill. Students are expected to speak in Spanish in order to build proficiency and fluency. The course also offers students the opportunity to prepare for the AP Spanish Language exam in the spring.

## History, Philosophy & Economics

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### Statement of Philosophy

*"It is the Christian tradition that is the most fundamental element in Western culture. It lies at the base not only of Western religion, but also of Western morals and Western social idealism."*

-Christopher Dawson, Historian & Author

The primary goal of the History program at Saint Agnes School is to immerse students in the history and culture of Western civilization in order to enable and ennoble them with a working historical knowledge and cultural literacy of their own society. Beginning in the elementary school, students study the earliest civilizations with an emphasis on the unique and providential contributions of Greece and Rome to modern society, and in particular to the United States.

Students will learn not only historical facts, names, dates and places, but will also investigate the important development of ideas and watershed movements throughout history. Orienting the History program is the *Introduction to Logic & Philosophy* course for freshmen; this course will train students in traditional logic as well as basic philosophy benefiting their entire Saint Agnes education. In addition, students will gain a solid knowledge of geography and also access primary source materials. By studying the branches of government and the various local, state and national offices, students will also learn about the origins of modern governments and investigate the founding documents of the United States. Integrating faith and reason, students will also discuss ethics in society through the incorporation of Catholic social teaching in order to understand better how to promote and protect the common good.

In addition, students in the High School have the opportunity to study United States History and European History at the Honors-level, which in part also helps to prepare them for the spring Advanced Placement exams.

### Courses (4 credits/4 years required):

- 9: Introduction to Logic & Philosophy
- 10: United States History / Honors United States History
- 11: European History / Honors European History
- 12: Civics | Government (semester one)  
Economics (semester two)

\*\*Seniors may opt to take the combined English/History Honors-level class:  
The Great Conversation: Integrated Humanities Seminar (2 credits)

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### Introduction to Logic & Philosophy

Grades: 9, required

Credit: 1

Description: The fall semester of this new course will focus on the study of traditional logic and reasoning. Spring semester will survey the most important thinkers in western philosophy, introducing students to the basic thought of Plato, Aristotle, Aquinas and others in order to equip them with a better understanding of the development and importance of ideas in western history. The course will benefit the entire academic program as it will properly orient students' understanding of truth, the human person and the unity of faith and reason. In addition, this full-year course will explore the cultural, political, and geographical history of the world with a primary focus on the development of Western Civilization.

## **United States History**

Grades: 10, required

Credit: 1

Prerequisite: Introduction to Logic & Philosophy

Description: This course seeks to build a broad understanding and appreciation of the events and people that have helped form the United States and its cultural ideals. Emphasis is placed on developing pride in our accomplishments as Americans, and an understanding of how past events in American history have shaped the present. In addition, students will gain an understanding of current issues that affect our nation as a whole.

## **Honors United States History**

Grades: 10, *required in place of United States History*

Credits: 1

Prerequisite: Teacher recommendation and “above average” work in Introduction to Logic & Philosophy.

Description: Honors American History is a course for the highly motivated student who has proven himself/herself an exemplary student in previous coursework. This is a writing and speaking intensive course focusing on the history of this great nation from its inception to the present. This is a college level course and is meant only for the student wishing to challenge him or herself to go beyond traditional curricular expectations. Upon completion of the course, students may elect to take the Advanced Placement examination in United States History for possible credit at their chosen colleges; there is an additional fee for this examination.

## **European History**

Grades: 11

Credit: 1

Description: European History is a year-long course that will provide students the opportunity to explore and analyze Europe from economic, political, social, religious, philosophical and artistic perspectives. A variety of topics will be covered in a chronological, thematic manner: “Dark Ages”/Fall of the Roman Empire, Middle Ages, Renaissance, Reformation, Scientific Revolution & Enlightenment, Age of Imperialism, Russian Revolution, and post-World War II Europe. Daily reading, analysis and synthesis of primary and secondary source documents, and periodic research and writing will be assigned throughout the year.

## **Honors European History**

Grades: 11

Credit: 1

Prerequisite: Teacher recommendation and at least a “B+” average in Honors U.S. History.

Description: Honors European History is a year-long course that will provide students the opportunity to intensely explore and analyze Europe from economic, political, social, religious, philosophical and artistic perspectives. A variety of topics will be covered in a chronological, thematic manner: “Dark Ages”/Fall of the Roman Empire, Middle Ages, Renaissance, Reformation, Scientific Revolution & Enlightenment, Age of Imperialism, Russian Revolution, and post-World War II Europe. Extensive daily reading, frequent analysis and synthesis of primary and secondary source documents, and periodic scholarly research and writing are required. Upon completion of the course, students may elect to take the Advanced Placement

examination in European History for possible credit at their chosen colleges; there is an additional fee for this examination.

### **Civics | Government**

Grades: 12, required

Credit: 1/2

Description: Seniors are on the verge of becoming active citizens in society, and it is essential that each individual be knowledgeable about the operation of our federal, state and local government, and one's responsibilities as a citizen. Civics examines the structure and operation of the government in the United States at all levels, state and federal. Emphasis will be placed on a basic knowledge of institutions, decision-making and how citizens may influence government.

### **Economics**

Grades: 12, *required*

Credit: 1/2

Description: The focus of the course is to show students how to apply theories of economics to practical, daily life. The content of the course will be designed around adolescents' growing responsibilities and roles in society. Students will have the opportunity throughout the course to interact with ethical, environmental, political, and social issues that relate to economics and society.

### **The Great Conversation: Integrated Humanities Seminar**

Grade: 12

Credit: 2

Prerequisite: Approved by instructor

Description: This two period honors-level seminar is an exciting addition to the high school program. The course will integrate studies in history, literature, philosophy, politics, and the arts through the reading of the Great Books of the western tradition. The advantage of a two period block will allow for more sustained conversation and questions as well as opportunities to integrate writing and research in multiple areas of the humanities. Students will also conduct an annual research project which will reflect their integrated study, and present their findings in a public speech after honing their rhetorical skills. Such a course will produce excellent intellectual habits of mind in students and prepare them immensely well for post-secondary study. Other benefits of the block humanities seminar include:

- Special trips, lectures, cultural experiences (e.g. museums, concerts, films, etc.)
- Leadership/mentoring component
- Opportunities to partner with summer university programs
- Increased GPA value beyond other honors course offerings
- Course materials (e.g. books) will be owned by students for ease of annotation/notes
- Elements of: seminar discussion, writing, formalizing rhetorical skills, integration of subject areas, honing logic and dialectical skills
- The program will be distinctively promoted to colleges and universities

Upon completion of the course, students may elect to take the Advanced Placement examination in Literature & Composition for possible credit at their chosen colleges. There is an additional fee for this examination; *preparation for the AP exam is a secondary focus of the course.*



# Mathematics

## Statement of Philosophy

The goal of the Mathematics program is to instill in each student an appreciation for Mathematics and to equip him/her with the skills and confidence necessary to succeed in post-secondary study. Through lectures, discussions, and cooperative and independent assignments, students learn the mathematical concepts including algebraic, numerical and graphical representations, as well as corollary applications in problem solving. All of the courses make use of a broad range of technologies, including smartboards, graphing calculators, geometer sketchpad, and interactive board applications.

All courses in the Mathematics Department are challenging and rigorous, preparing students for success at the college level. The program offers a wide selection of courses including a host of Honors courses for advanced-level study. Most students enroll in four years of mathematics courses, and some students earn college credit by taking Honors courses that prepare for AP exams.

Honors Calculus I and Calculus II courses provide to students the opportunity to earn college credits through AP exams. In addition, our Mathematics Tutors are available every day, after school, to provide individual and small group assistance, offering everyone the opportunity for enrichment and one-on-one assistance.

**A minimum of 3 Mathematics Credits is required for graduation.**

Pre-Algebra Algebra IA	Geometry Honors Algebra II* Algebra II	Trigonometry & Pre-Calculus
Algebra IB Honors Geometry*	Honors Trigonometry & Pre-Calculus*	Honors Calculus I** Honors Calculus II** Statistics

\* Denotes Honors Course

\*\* Denotes Honors Course & Preparation for AP Exams

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## Algebra IB

Grades: 9

Credit: 1

Prerequisite: *Algebra IA* (8<sup>th</sup> grade)

Description: This course is the second half of the algebra sequence. Topics include linear systems, quadratic equations, graphing, factoring, polynomials, radicals, and operations with rational expressions. As time permits, topics in probability, statistics, and data analysis will be explored. The course emphasizes both skill development and problem solving in preparation of higher level algebra and science coursework.

## Honors Geometry

Grades: 8 – 10

Credit: 1

Prerequisite: *Honors Algebra I* (with a grade of B- or higher) or *Algebra IB* (with a grade of A- or higher)

Description: Students examine the aspects of space, shape and measurement by examining the different characteristics of each concept. By the end of this course, students will analyze properties and use formulas of plane (2-dimensional) and space (3-dimensional) figures, reason both inductively and deductively and use logic, prove and apply properties of triangles, including congruence and similarity, identify and apply properties of quadrilaterals, use and apply trigonometry to solve problems involving triangles, visualize, draw, and construct plane and space figures from different perspectives, solve many different real-world problems using geometry. Topics are similar to those in traditional geometry; however, this course provides motivated students with a more challenging and accelerated pace and topics of greater depth than traditional geometry.

## **Geometry**

Grades: 9 - 10

Credit: 1

Prerequisite: *Honors Algebra I* or *Algebra IB*

Description: Students examine the aspects of space, shape and measurement by examining the different characteristics of each concept. By the end of this course, students will analyze properties and use formulas of plane (2-dimensional) and space (3-dimensional) figures, reason both inductively and deductively and use logic, prove and apply properties of triangles, including congruence and similarity, identify and apply properties of quadrilaterals, use and apply trigonometry to solve problems involving triangles, visualize, draw, and construct plane and space figures from different perspectives, and solve many different real-world problems using geometry. Practical application is a key component throughout the course.

## **Honors Algebra II**

Grades: 9 - 11

Credit: 1

Prerequisite: *Honors Geometry* (with a grade of B- or higher) or *Geometry* (with a grade of A- or higher)

Description: This course continues the foundation laid in Algebra I and Geometry. Much of the year will be spent analyzing different kinds of graphs and functions including linear, absolute value, quadratic, polynomial, exponential, logarithmic, rational, and radical. Many different types of expressions will be simplified and various expressions and inequalities will also be solved. As time permits, matrices, conic sections, permutations, combinations, and methods of data analysis will be studied. Topics in Honors Algebra II are covered in more depth than those in traditional Algebra II.

## **Algebra II**

Grades: 10 - 11

Credit: 1

Prerequisite: *Honors Geometry* or *Geometry*

Description: This course continues to build upon the foundation laid in Algebra I and Geometry. Students will spend much of the year analyzing different kinds of graphs and functions including linear, absolute value, quadratic, polynomial, exponential, logarithmic, rational, and radical. Students will also keep building their algebraic skills by simplifying many different types of expressions and solving many varied equations and inequalities. Practical applications will be explored throughout the course.

## **Statistics**

Grades: 12

Credit: 1

Prerequisite: *Honors Trigonometry & Pre-Calculus* or *Functions, Statistics & Trigonometry*

Description: Statistics is the science of collecting, organizing, analyzing, and interpreting data in order to make decisions. In this course, probability, data distributions, hypothesis testing with both one and two samples, and linear regression and correlation will be studied. Practical applications will be emphasized with each topic.

## **Trigonometry & Pre-Calculus**

Grades: 11 - 12

Credit: 1

Prerequisite: *Honors Algebra II* or *Algebra II*

Description: Topics in Trigonometry and Pre-Calculus include functions and graphs, transformations, composition of functions, and complex numbers. Students will also learn the connections between right triangle trigonometry and trigonometric functions, including identities, half-angle and double angle formulas, and the laws of sines and cosines. Practical applications will be explored throughout the course. Students

completing this course have multiple options for future studies including Statistics, Honors Trigonometry and Pre-Calculus, and numerous college-level math courses.

### **Honors Trigonometry and Pre-Calculus**

Grades: 10 - 12

Credit: 1

Prerequisite: *Honors Algebra II* (with a grade of B- or higher) or *Functions, Statistics & Trigonometry* (with a grade of A- or higher)

Description: In the first half of the course, students will develop a detailed understanding of various types of functions including polynomial, exponential, and logarithmic with connections to calculus. During the second half, students will explore the connections between right triangle trigonometry and trigonometric functions and will master the six basic trigonometric functions, identities, half-angle and double angle formulas, sum and difference formulas, sum-to-product and product-to-sum formulas, and the laws of sines and cosines. As time permits, studies will also include complex numbers and sequences, series, probability, and statistics, and polar coordinates. The course serves as a bridge to honors calculus and college-level mathematics.

### **Honors Calculus I**

Grades: 11 - 12

Credit: 1

Prerequisite: *Honors Trigonometry & Pre-Calculus* (with a grade of B- or higher) and Teacher Recommendation

Description: Honors Calculus I is a rigorous, college-level course. Topics include limits and continuity, derivatives, definite and indefinite integrals, an introduction to differential equations, and numerous applications. Ultimately, students will be prepared and expected to take the AP Calculus Exam (AB) at the end of the year.

### **Honors Calculus II**

Grades: 12

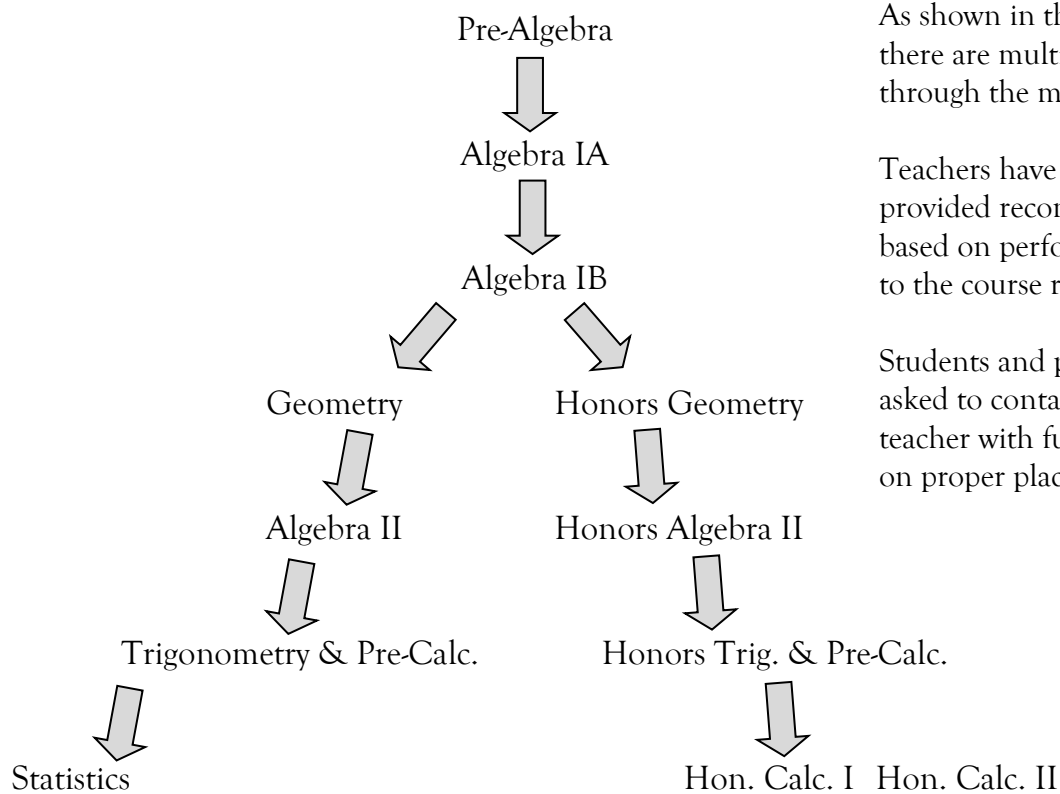
Credit: 1

Prerequisite: *Honors Calculus I* (with a grade of B- or higher) and Teacher Recommendation

Description: Honors Calculus II continues the course of study of Honors Calculus I. Topics include techniques of integration, improper integrals, infinite series, parametric equations and polar graphs, and, as time permits, vectors and multivariable calculus. Ultimately, students will be prepared and expected to take the AP Calculus Exam (BC) at the end of the year.

## Mathematics Sequence (Grades 7-12)

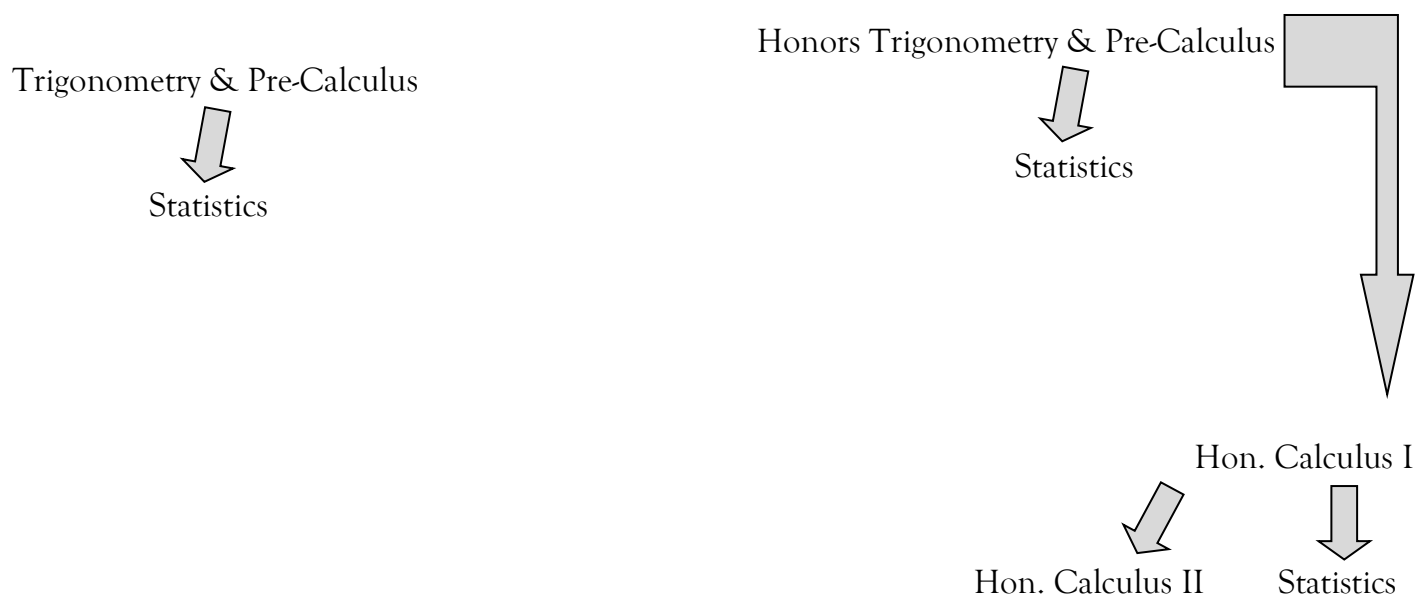
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As shown in the sequence, there are multiple routes through the math curriculum.

Teachers have already provided recommendations based on performance prior to the course request period.

Students and parents are asked to contact his/her math teacher with further questions on proper placement.



## Physical Education & Health

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### Statement of Philosophy

The goal of the Physical Education program is to engage the whole person: the spiritual, mental and physical qualities of each student. Physical Education classes aim to instill a sense of respect and integrity along with teamwork, sportsmanship and responsibility for self growth. The program's classes are educational and fun for all ability levels, incorporating the values and mission of Saint Agnes School.

**Courses (1 credit/2 semesters required; ½ credit may be waived for sport participation):**

### Courses offered annually:

Strength & Conditioning / Team & Individual Sports

### The following courses are offered on a 3-year cycle:

Year A: First Aid, CPR, & Health / Year B: Recreational Sports / Year C: Cardio Conditioning

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### Strength & Conditioning (Offered annually)

Grades: 9-12

Credit: 1/2

This course is designed to give students the opportunity to learn strength and conditioning concepts and techniques used for obtaining optimal physical fitness. Students will learn the fundamentals of weight training, strength training, aerobic training, and overall fitness training and conditioning. Weight room safety, warm-up/cool down procedures, lifting technique and safety for all lifts, major muscle identification, and individual goal setting are all important components in this course. The goal is for students to be able to gain experience in a weight room setting and build lifelong skills in this area. This course can be taken multiple times and will be successively leveled for an individual student's abilities and needs.

### Team Sports & Individual Sports (Offered annually)

Grades: 9-12

Credit: 1/2

Description: During the first half of the semester, special emphasis is placed on group involvement activities. The two quarter of the class are divided into several different units and each will cover an introduction (to the game), fundamentals, and game play. Some units may include but are not limited to volleyball, floor hockey, basketball, and other recreational team activities. The second half of the semester emphasizes lifetime fitness activities. Some units may include but are not limited to tennis, badminton, bowling, golf, cross-country skiing, snowshoeing and other adventure activities. Cardiovascular fitness will be developed and assessed throughout the semester

### First Aid, CPR, & Health (Offered Year A: 2017-18)

Grades: 9-12

Credit: 1/2

Description: This course is a great opportunity for those who may be interested in a career in the health field, babysitters, athletes, and those who want the experience. Students will learn proper first aid for common injuries, burns, treatment of a choking victim and much more. Knowing CPR can save a life in

cardiac arrest situations. Students will become first aid and CPR certified by the end of the semester. Training will be hands on and classroom based. The course will also discuss important issues of personal health and social responsibility in accordance with the teachings of the Catholic Church.

**Recreational Sports (Offered Year B: 2018-19)**

Grades: 9-12

Credit: 1/2

Description: This course will explore various recreational sports and leisure activities that aren't necessarily highly competitive. Some of the activities included are hiking, yard games, badminton/pickle ball, volleyball, broomball, bowling, bag toss, and more.

**Cardio Conditioning (Offered Year C: 2019-20)**

Grades: 9-12

Credit: 1/2

Description: This course will focus on cardiorespiratory fitness using treadmills, stationary bicycles, stair climbers, rowing machines, cross-country ski machines, and elliptical trainers. The course aims to develop general endurance of the respiratory and circulatory systems, to reduce or maintain body fat levels, and provide students with the knowledge of safe and sound activity principles.

## Science

### Statement of Philosophy

Offerings within the Science program aim to provide students with the fundamental skills and knowledge necessary to understand and appreciate God's Creation as well as the scientific theories and natural laws which govern the living and physical worlds. Laboratory experiences are incorporated into all Science courses as an aid in accomplishing this goal.

The Science sequence emphasizes the incorporation of technology; computer-based laboratory technology is increasingly being utilized, particularly in the upper-level courses. All of the courses make use of a broad range of technologies, including smartboards, graphing calculators, and interactive board applications. Other resources include [Vernier LabPro & Sensors](#) during labs, and [POGIL Activities](#) (Process Oriented Guided Inquiry Learning). In addition, the integration of faith and reason is emphasized in order for students to appreciate more fully the Church's important contributions to scientific inquiry.

Three years of science are required for graduation, and many students complete a four-year program with some students taking the opportunity to complete advanced study. Nearly all students complete a course in Physics in either 11<sup>th</sup> or 12<sup>th</sup> grade. Students also have the ability to take Honors Chemistry, Honors Physics and/or Honors Biology which prepare students for AP exams offering an opportunity to qualify for college credit.

**Requirements:** a minimum of 3 credits is required for graduation.

<u>Junior High:</u>	<u>High School:</u>	
Earth Science	Physical Science	Fundamentals of Engineering
Life Science (8 <sup>th</sup> grade)	Biology	Human Anatomy & Physiology
Physical Science (8 <sup>th</sup> advanced)	Chemistry	Physics / Honors Physics*
		Honors Biology*
		Honors Chemistry*

\* Denotes honors-level study and preparation for Advanced Placement exams.

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### Physical Science

Grades: 8 (advanced) & 9

Credit: 1

Description: This course introduces students to the basic principles of chemistry and physics, with one semester dedicated to each subject area. The chemistry semester explores the structure, properties, and changes of matter as well as the periodic table and chemical reactions. The physics semester examines Newton's laws of motion, the principles of work, energy change, heat, temperature, as well as the properties of waves, electricity and magnetism.

### Biology

Grades: 9 or 10

Credit: 1

Prerequisite: Physical Science and Geometry or Honors Geometry.

Description: General Biology, both lab and lecture, is an introductory course that particularly focuses on cell biology, genetics, biotechnology, botany, anatomy/physiology, biodiversity, and ecology. Particular emphasis will be placed on scientific investigation.

## **Chemistry**

Grades: 10-12

Credit: 1

Prerequisite: Biology and Algebra II.

Description: This is a quantitative and qualitative introductory course in the following topics: dimensional analysis, thermochemistry, gas laws, quantum theory, covalent bonding, metallic and ionic bonding, phases of matter, solutions, kinetics, equilibrium, acids and bases, energy, thermodynamics, spontaneity, organic chemistry, nuclear reactions, balancing chemical equations, and stoichiometry. The course is based in the study of concepts via the textbook and lab application.

## **Human Anatomy & Physiology**

Grades: 11 & 12

Credit: 1

Prerequisite: Completion of Biology and Chemistry and “above average” marks in both courses.

Description: Course study will survey the fundamentals of human anatomy and physiology including anatomical terminology, basic biochemistry, cells, and tissues as well as the integumentary, skeletal, muscular, nervous, endocrine, cardiovascular, lymphatic/immune, respiratory, digestive, and urinary systems. Students will learn how the various organs of the body interact with one another and how they contribute to the overall physiology of the body. The course will also introduce students to pathology and common disease processes. The course’s laboratory component includes anatomical studies using microscopy and dissection. This course is recommended to students interested in a future career involving the health sciences (e.g. nursing, pediatrics, dental, M.D. etc.).

## **Physics**

Grades: 11-12

Credit: 1

Prerequisite: Chemistry, Algebra II, Trigonometry & Pre-calculus, and science teacher recommendation.

Description: Physics is a one-year, college preparatory course. Topics covered include: motion, force, energy, momentum, fluid mechanics, waves, thermodynamics, sound, light, electricity and circuits, magnetism, and atomic physics.

## **Honors Biology**

Grades: 12

Credit: 1

Prerequisite: “Above average” in Biology and Chemistry, Biology teacher recommendation, parent approval.

Description: A college level course that covers the major themes of the biological sciences. Topics covered include: chemistry of living organisms, cell biology, genetics, energy transfer and storage, evolutionary theory, taxonomy, plant and animal physiology, ecology, and population dynamics. Students will prepare to take the AP Biology exam at the end of course for possible college credit. There is an additional fee for this examination.



## **Honors Physics**

Grades: 11-12

Credit: 1

Prerequisite: Chemistry, Algebra II, Trigonometry & Pre-calculus, and science teacher recommendation.

Honors Physics is an accelerated course in college level, non-calculus based physics. This course is intended to prepare students to take and succeed at the Physics B Advanced Placement examination. Completion of this course (accompanied by a high AP exam score) may enable students to receive credit for or exemption from an introductory non-calculus-based Physics course at some colleges and universities. Students may take Honors Physics as a first or second year course. It is expected that students taking this course will have strong algebra and problem solving skills. Course topics include: Newton's Laws, Pascal's and Archimedes' Principles, solid and fluid mechanics, wave motion and sound, magnetism, thermodynamics, circuits, optics, quantum mechanics, particle physics, astrophysics.

## **Honors Chemistry**

Grades: 11-12

Credit: 1

Prerequisite: Chemistry, Algebra II, Trigonometry & Pre-calculus, and science teacher recommendation.

Description: This is a one-year, college preparatory course. This course is geared toward students wanting to take the AP Chemistry exam and also who are very interested in studying chemistry in depth along with the physical sciences. Topics are covered in depth through discussion, examples, and laboratory work and include the following: atomic theory, chemical bonding, phases of matter, solutions, reaction types, equilibrium, reaction kinetics, and thermodynamics.

## **Fundamentals of Engineering**

Grades: 11-12

Credit: 1

NOTE: \$25 Lab Fee for materials consumed

Description: This full-year course is essentially project based, but students will also utilize Kosky et al., "Exploring Engineering" as a primary reference for coursework. Current defined units, each including a project, will include topics such as the role of engineers in our world, the design process, civil engineering, electrical engineering/programming, manufacturing engineering, chemical engineering, and biochemical/biomechanical engineering. Some of the projects will include work on motors/gears, 3D drawing/printing, shaker table/load testers, and medical device/implants. This course is for any junior or senior interested in pursuing the study of engineering at the post-secondary level or is simply curious about how things work.

## Theology

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### Statement of Philosophy

*“What does man desire more deeply than Truth?” -Saint Augustine*

The Theology program at Saint Agnes School provides students with a comprehensive overview of the Catholic faith. The program fulfills and exceeds the guidelines set out by the United States Conference of Catholic Bishops (USCCB) regarding catechesis in Catholic schools. Students learn the dogmas, doctrines and practices of the Catholic faith in an environment that is imbued with the sacraments, prayer and devotional life. Students have regular opportunities to attend Mass, Eucharistic Adoration, pray in class, go to Confession, follow the Stations of the Cross and other pious devotions.

Students also study Sacred Scripture connecting it to the Church’s authority and tradition through apostolic succession. The saints play an important role in the program as they serve as models for imitating our Lord and Savior, Jesus Christ. A unique hallmark of the program is the strong emphasis on apologetics; an entire semester dedicated to the study of apologetics junior year. During senior year, students may elect to enroll in the Capstone Seminar, an Honors course that investigates original works of the Catholic intellectual tradition from authors such as St. Augustine to St. Thomas Aquinas to John Paul the Great. In addition, students have the opportunity to participate in the parish Youth Group, the school’s Pro-Life Club, attend annual class retreats and travel to Rome or the Holy Land in order to discern their vocation.

In summary, the students learn, as St. Peter says in his first letter, to “be ready always to make a defense to anyone who calls [them] to account for the hope that is in [them]” (1 Peter 3:15).

### Courses (4 credits/4 years required):

- 9: The Creed / Introduction to the Old Testament
- 10: The Sacraments and the Ten Commandments / Introduction to the New Testament
- 11: Apologetics / Introduction to Catholic Moral Theology and the Social Teachings of the Church
- 12: A History of Catholic Dogma: Documents of the Magisterium / Catholic Social Doctrine

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### The Creed

Grades: 9, required

Credit: 1/2

Description: This semester is devoted to a careful study and analysis of the Apostles’ Creed and Nicene Creed. Of the four major sections of the new universal catechism, the longest is a detailed discussion of the Profession of Faith. The first step in a systematic presentation of the Catholic faith is to be sure students understand what truths they as Catholics are to believe and profess, and the course thoroughly covers these topics.

### Introduction to the Old Testament

Grades: 9, required

Credit: 1/2

Prerequisite: The Creed.

Description: The second semester of freshman theology is to provide the students with an introduction to the Bible, the Old Testament in particular. Students are given an understanding of the history of the Sacred Scripture, the relationship of the Church and Sacred Scripture, and an understanding of biblical concepts and terminology. Hermeneutical methods are taught in accordance with the teaching of *Dei Verbum*, The Dogmatic Constitution on Divine Revelation of the Second Vatican Council, and Pope Benedict XVI’s Post-

Synodal Apostolic Exhortation, *Verbum Domini*. Most importantly, students complete an extensive reading of the Old Testament and become familiar with God's plan of salvation as first revealed to the Chosen People, the Israelites.

### **The Sacraments and the Ten Commandments**

Grades: 10, required

Credit: 1/2

Prerequisite: Successful completion of 9<sup>th</sup> grade Theology courses.

Description: The first semester of sophomore theology is devoted to two sections of the new universal Catechism: the Sacraments and the Commandments. Students are given a comprehensive knowledge of the seven sacraments as the primary channels of God's grace. A thorough study of each sacrament is provided. The second half of the first semester is dedicated to a basic understanding of Natural Law and a detailed discussion of the Ten Commandments. The students are also introduced to the study of the lives of the saints: true models of virtue and sanctity.

### **Introduction to the New Testament**

Grades: 10, required

Credit: 1/2

Prerequisite: Successful completion of 9<sup>th</sup> grade Theology courses.

Description: The spring semester of sophomore theology is designed to provide students with an introduction to the New Testament Scriptures. The goal is a deeper understanding of God's revealed Word, its relationship to the Church, and its role in the spiritual lives of individuals and in the communal life of the Church. Since the New Testament, especially the Gospels, contains the very words and actions of Christ Jesus, it is critically important that our students read it frequently and prayerfully. St. Jerome's wise words bear repeating: "He who is ignorant of Scriptures is ignorant of Christ." Hermeneutical methods are taught in accordance with the teaching of *Dei Verbum*, The Dogmatic Constitution on Divine Revelation of the Second Vatican Council, and Pope Benedict XVI's Post-Synodal Apostolic Exhortation, *Verbum Domini*.

### **Apologetics**

Grades: 11, required

Credit: 1/2

Prerequisite: Successful completion of 11<sup>th</sup> grade Theology courses.

Description: This fall semester senior theology course is devoted to the study of apologetics. The students learn how to defend their Catholic faith through the use of logical argumentation and sound reasoning. They also learn to use Sacred Scripture to defend Catholic doctrine. In short, the students learn, as St. Peter says in his first letter, to "always be ready to give an explanation to anyone who asks [them] for a reason for [their] hope."

## **Introduction to Catholic Moral Theology and the Social Teachings of the Church**

Grades: 11, required

Credit: 1/2

Prerequisite: Apologetics

Description: The spring semester of senior theology provides students with an introduction to Catholic moral theology, including such topics as the formation of conscience, the Christian virtues and Christian principles as they apply to bioethical questions. Seniors are also introduced to the social teachings of the Church, especially regarding the critical issues of human life, marriage and the family.

## **A History of Catholic Dogma: Documents of the Magisterium**

Grades: 12, grade-level option

Credit: 1/2

Description: The History of Dogma course will focus, as the title indicates, on various documents of the Church from the Apostolic Age through the current papacy; students will read primary documents from popes, councils, and Patristic sources in order to understand the development of doctrine from the heart of the Church. The course's primary source reading list will offer ample opportunities for seminar discussions.

## **Catholic Social Doctrine**

Grades: 12, grade-level option

Credit: 1/2

Description: Catholic Social Doctrine will analyze the Church's perennial teaching on the Natural Law as well as study and discuss the application of the Commandments and the Beatitudes on the public square. The course syllabus will include primary texts from the corpus of the Catholic intellectual tradition, exposing students to the greatest thinkers and writers of the Church. Students will gain a great appreciation of the Church and her saints as champions of the dignity of the human person and guardians of the Common Good. The course will also discuss public policy issues in current national and local news, especially those that are most pertinent to Catholic social thought.

## Appendix A

### College/University Admission Requirements

High School Course Requirements for Four-year State University Programs (these courses are also required for admissions to any additional smaller state universities across the nation as well)

- **Four years of English** (including Composition and Literature)
- **Four years of Mathematics** (two years of Algebra and one year of Geometry)
- **Three years of Science** (including one year of Biological and a Physical Science)
- **Three years of History** (including one year of U.S. History and Geography)
- **Two consecutive years of a single Foreign Language**
- **One credit of Fine Arts**
- **The ACT and /or SAT** taken to fulfill admission requirements

#### Competitive Four-year Research Based National Public Universities

- **Four years of English** with an emphasis on writing, including English and speaking skills and in literacy understanding and appreciation.
- **Four years of Mathematics**, including one year each of Algebra I, Geometry, and Algebra II
- **Four years of Science**, including one year each of Biological and Physical Science including laboratory experiences (i.e. Chemistry, Physics)
- **Four years of History**, including one year each of Logic & Philosophy, U.S. History, and Civics and Economics.
- **Three-four consecutive years of a single Foreign Language.**
- **One year of Visual and/or Performing Arts**
- **The ACT and /or SAT** taken to fulfill admission requirements

#### Competitive Minnesota and National Private Colleges

The entrance requirements for private colleges vary from institution to institution but generally students are required to complete:

- **Four years of English** with an emphasis on writing, including English and speaking skills and in literacy understanding and appreciation.
- **Four years of Mathematics**, including one year each of Algebra I, Geometry, and Algebra II
- **Four years of Science**, including one year each of biological and physical science including laboratory experiences (i.e. Chemistry, Physics).
- **Four years of History**, including one year each of Logic & Philosophy, U.S. History, and Civics and Economics.
- **Three-Four consecutive years of a single Foreign Language.**
- **One year of Visual and/or Performing Arts**, including instruction in the history and interpretation of the art form (e.g., theater arts, chorus, drawing, painting, and photography)
- **The ACT and/or SAT** taken to fulfill admission requirements

## Appendix B

### NCAA Eligibility Requirements

Students wishing to participate in Division I or Division II collegiate athletics must meet NCAA academic requirements. Student athletes should consider their academic choices carefully to ensure the proper coursework is completed. The academic requirements are as follows:

#### Division I

16 required core courses as follows:

- 4 years of English
- 3 years of Mathematics (Algebra I or higher)
- 2 years of Natural or Physical Science (including one lab course)
- 1 year of additional English, Mathematics, or Natural or Physical Science
- 3 years of Social Science
- 4 additional academic courses in any of the above areas or Foreign Language, Philosophy or Non-doctrinal Religion

#### Division II

14 required core courses as follows:

- 3 years of English
- 2 years of Mathematics (Algebra I or above)
- 2 years of Natural or Physical Science (including 1 lab course)
- 2 years of additional English, Mathematics or Natural or Physical Science
- 2 years of Social Science
- 3 additional academic courses in any of the above areas or Foreign Language, Philosophy or Non-doctrinal Religion

**Note:** These are the core classes that are required by the NCAA. Additional eligibility requirements such as minimum GPA, minimum test scores and/or other standards must also be met. Please refer to [www.ncaaclearinghouse.net](http://www.ncaaclearinghouse.net) for more information.

The NCAA has adopted new legislation that will require prospects that intend to enroll at NCAA Division I and II institutions to supply ACT or SAT scores to the Clearing house *directly from the testing agencies*. **Tests scores on an official high school transcript will no longer be usable for NCAA purposes.**

Please contact the Guidance Office staff if you are interested in being eligible for Division I or Division II athletics through the NCAA.

## Appendix C

### Statement on Common Core State Standards (CCSS)

*Due to the increased inquiries from current and prospective families, Saint Agnes School has issued the following statement about the Common Core State Standards:*

After much consideration and research, Saint Agnes School will not adapt or adopt the Common Core Standards which were developed for the public school system. That said, we acknowledge that there is a base of adequate secular material in the Common Core State Standards that faith-based schools could reference as part of their educational programming. While we respectfully understand that other private and Catholic schools may discern to adapt or adopt the standards for these and other reasons, we do not believe that such actions would benefit the mission, Catholic identity or academic excellence of our school.

The decision not to adopt CCSS will not in any way have a negative effect on our students; Saint Agnes School will continue to assess various standards of excellence in primary and secondary education as well as college readiness norms to develop its own, independent standards of rigor and accountability. We believe that it is of primary importance to infuse elements of the Catholic intellectual tradition into our curriculum; we believe this heritage is an integral component of Catholic education and a distinguishing element of Saint Agnes School's academic program.

To conclude, we believe that our school ought to offer a distinct alternative to the public school model – one that is grounded in faith and the pursuit of truth, beauty and goodness. We believe that Saint Agnes is a model *par excellence* of Catholic education that works.

### Statement on Advanced Placement (AP) Offerings

As a policy, Saint Agnes School does not certify Honors courses that are AP preparatory with the College Board, and this is done with purpose and intention for practical and philosophical reasons.

As a Catholic school aiming to prepare students for post-secondary study, Saint Agnes places a strong emphasis on its unique liberal arts curricular approach – one that leans upon the classics of the west. This curricular approach enables the school to emphasize the unity of faith and reason and therefore the integration of subject areas focusing on the western tradition.

Our faculty members work in accord with the Administration to ensure the highest quality of content and academic rigor in each subject area and discipline. As can be seen from our curriculum overview documents, students at all levels share a common sequence of core material that is a shared patrimony of knowledge and wisdom. The approach also offers a unique opportunity to our students to excel beyond their peers who, upon reaching post-secondary study, have not engaged the classics or the western intellectual tradition - and the benefits offered thereby - as anticipated by post-secondary programs and professors.

In addition, Saint Agnes School believes that almost exclusively tying the goals of a course syllabus to one exam is detrimental to the learning process and can, perhaps, produce a utilitarian approach to education that can undercut the value of the liberal arts. Finally, there are a great multitude of competitive public and private high schools that have opted out of the College Board AP course certification for these and other reasons; Saint Agnes School's approach in this regard is not unique and, indeed, she is in good company.

*For questions on either Common Core or Advanced Placement, please contact the Academic Dean.*

**“Among all human pursuits, the pursuit of wisdom  
is more perfect, more noble, more useful, and more full of joy.”**

*–St. Thomas Aquinas*



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