

# INSTITUTE of NOTRE DAME

# Open House



Good morning,

On behalf of the entire school community, I welcome you to the Institute of Notre Dame! Today, we hope to better acquaint you with our beloved school and to share information about our excellent academic and extracurricular programs.

Founded in 1847 by the School Sisters of Notre Dame, IND continues to transform girls into strong, independent, articulate women leaders. Our young women learn to be inquisitive, motivated learners and to make friends for a lifetime. Taught by talented, committed faculty who work under the guidance and integrity of Christian teachings, IND students select appropriate and challenging courses to prepare them for college.

As a graduate, I am extremely fortunate for life-long lessons that were instilled in me during my time here.

Please contact me if you have questions about IND. Enjoy your day!

Warm regards,

Amy Conly '93  
Director of Admissions

## TODAY'S SCHEDULE

**11:00 a.m. - 2:00 p.m.**

- Tours (Gym)
- Tablet PC Demonstrations (Faculty Dining Room)
- Clubs & Athletics Fair (Gym)

**11:45 a.m. & 1:00 p.m.**

- Presentations (Auditorium)



# Academic Program

IND offers challenging college preparatory programs for young women. Students are placed within grade level according to ability, interest, and past performance. Each girl is encouraged to design a schedule that suits her individual needs and strengths.

**Access:** Students who need emphasis on basic skills enroll in Access. Faculty members challenge them based on their abilities and prepare them for a successful college career.

**College Preparatory:** While all levels are college preparatory, this level of courses provides students with the knowledge and skills to further their education at the college level.

**Honors:** Gifted students find enrichment in Honors level courses. Those performing above grade level can be accepted into the Theresian Scholars Program.

**Theresian Scholars Program:** The academically talented student has a unique opportunity to reach her highest potential through a rigorous curriculum.

**Advanced Placement Courses:** Students can earn college credit while at IND through Advanced Placement (AP) courses. The following AP courses are offered:

AP Biology, AP Calculus, AP Chemistry, AP English, AP Environmental Science, AP French, AP Government, AP Spanish and AP U.S. History

It is possible for students to change from one level to another. For example, a student who has been placed at a College Prep level math course and who has excelled in her current course may be asked to take her next math course at the Honors level. Each department places students individually, therefore making it possible for students to be placed in different levels in different subjects. A student may be placed at the Honors level in English and at the College Prep level in math.

## ONE-TO-ONE STUDENT TABLET PC PROGRAM★

IND's One-to-One Student Tablet PC Program is designed to prepare each young woman to realize her potential in a digital age. By providing each student with her own tablet PC, IND ensures that technology is an affordable, accessible, and indispensable educational tool for every student. Through the careful integration of technology across the curriculum, IND creates a learning environment that is more individualized and tailored to each student's needs, is more engaging, and is a more authentic representation of the real world of college, career, and life. During the program, each student creates an electronic portfolio, or e-portfolio, which includes a comprehensive collection of her work compiled throughout her high school experience.

IND's program provides a new, school-owned tablet PC to each student in her freshman year for use at school and home. The school manages a safe wireless network for ready access to the Internet and on-line educational resources, provides the latest software programs, and offers training and support to students, faculty, and parents. To maintain costs, ensure equitable access for all students, and allow for convenient on-site technical support, families pay a modest annual technology fee. Upon graduation, an affordable buy-out plan gives parents the option to purchase their daughters' respective tablet PC.

★*New program launched in August 2009 with the Class of 2013*

## BIOMEDICAL SCIENCES PROGRAM★

IND's Biomedical Sciences Program is based on Project Lead The Way® Biomedical Sciences Program™. The program provides opportunities for students in a hands-on, project based and problem solving environment. The Biomedical Sciences include a broad range of medical and health care disciplines including biochemistry, biomedical engineering, dentistry, forensics, microbiology, immunology, pharmacology, physiology and radiological sciences. The curriculum gives students the foundation to pursue those fields in college and beyond.

The program is divided into four sequential courses:

### **Principles of Biomedical Sciences**

*Provides an overview of all courses and lays the groundwork of knowledge and skills necessary for the program.*

### **Human Body Systems**

*Develops the theme of how the body systems work together to maintain homeostasis and good health.*

### **Medical Interventions**

*Investigates the variety of interventions currently available for prevention, identification and treatment of disease.*

### **Biomedical Innovations**

*A capstone project for the students to use the skills and knowledge from the prior three courses to answer questions or solve problems related to biomedical sciences. Mentoring and other assistance will be given by community medical, technology, and business leaders. These community connections will begin by the end of the first year to support and give guidance to the overall Biomedical Sciences Program.*

The Biomedical Sciences Program challenges students to think creatively, collaborate effectively, prepare presentations, and explore the variety of health care career options. The four-year course of study augments IND's science curriculum and complements IND's One-to-One Student-Tablet PC Program.

# Overview of Courses

## FRESHMAN SCHEDULE

Sample of Grade 9  
College Preparatory  
Course of Study

### Day 1

8:10	First Bell
8:15-9:40	Biology I
9:40-10:00	Homeroom
10:00-11:25	French I
11:25-12:10	Religion
12:10-12:50	Lunch
12:50-2:15	Geography

### Day 2

8:10	First Bell
8:15-9:40	Algebra I
9:40-10:00	Homeroom
10:00-11:25	English
11:25-12:10	Religion
12:10-12:50	Lunch
12:50-2:15	PE/Health



## ENGLISH

The English Department strengthens the reading, writing, and analytical skills of students. Students are required to take four (4) credits of English. The department offers electives in Journalism and Creative Writing. Below is a list of literature selections according to grade and level.

### FRESHMAN

**Access:** *Interactive Reader Anthology* and *The Member of the Wedding*  
**College Prep:** *Language and Literature Anthology* - includes *Antigone*, *Julius Caesar* and *The Member of the Wedding*  
**Honors:** *The Iliad*, *Antigone*, *Catcher in the Rye*, *A Tale of Two Cities*, *Julius Caesar*, *The Glass Menagerie*, *A Separate Peace*

### SOPHOMORE

**Access:** *Interactive American Literature Reader Anthology* and *The Great Gatsby*  
**College Prep:** *American Literature-Anthology*, *The Bean Trees*, *The Great Gatsby*, *The Adventures of Huck Finn*, *A Raisin in the Sun*, *Our Town*  
**Honors:** *American Literature-Anthology*, *The Crucible*, *The Scarlet Letter*, *The Adventures of Huck Finn*

### JUNIOR

**Access:** *Interactive British Literature Anthology*, *Frankenstein* and *A Midsummer Night's Dream*  
**College Prep:** *British Literature - Anthology*, *Beowulf*, *Chaucer*, *Macbeth*  
**Honors:** *British Literature - Anthology*, *Beowulf*, *The Canterbury Tales*, *Paradise Lost*, *Macbeth*, *The Turn of the Screw*, *The Razor's Edge*, *Major British Poets*

### SENIOR

**College Prep First Semester:** Senior Composition  
**College Prep Second Semester:** Choose one elective: Media, Women in Literature, Shakespeare, African-American Literature, Modern Drama, Contemporary Literature, Poetry  
**Honors:** *Hamlet*, *Oedipus the King*, *Oliver Twist*, *The Sun Also Rises*, *Short Plays*  
**Advanced Placement:** *Pride and Prejudice*, *The Return of the Native*, *Heart of Darkness*, *Dubliners*, *Oedipus the King*, *Hamlet*, *The Piano Lesson*, *Poetry Anthology*, *Death of a Salesman*, AP test prep

## MATHEMATICS

The Mathematics Department strives to accommodate the mathematical abilities of all students. Students are required to take three (3) credits of mathematics for graduation.

A student is placed into a mathematics course based on her standardized test scores. These would include scores from the High School Placement Test (Catholic School Entrance Exam) and from any standardized tests the student has taken in elementary school (Stanford, Iowa, Terra Nova, etc).

The placement is determined as follows:

- 1st, 2nd, 3rd stanine = Access
- 4th, 5th, 6th stanine = College Prep
- 7th, 8th, 9th stanine = Honors

A student may be placed in Algebra I or Geometry in her freshman year. Students who are currently enrolled in a full-year Algebra I course and students who have already completed a full-year Algebra I course are strongly encouraged to take IND's Math Placement Test. Students scoring 70% or higher on that test are placed in Geometry for their freshman year. All other students are placed in Algebra I.

If a student is currently taking Algebra II or Geometry in the 8th grade, she should take IND's Math Placement Test and meet with the Math Department Chair to arrange for a proficiency test.

Students placed in Honors Algebra I in their freshman year are asked to take both Honors Geometry and Honors Algebra II in their sophomore year in order to catch up with rest of the Honors level students in their class.

Like all other departments, it is possible to change from one level to another. For example, a student who has been placed in College Prep and who has excelled in her current course may be asked to take her next math course at the Honors level.

## SCIENCE

With 85 minute classes, students can spend more time in the biology and chemistry labs, truly applying their knowledge to experiments. Students are required to take three (3) credits of science. Many students, however, elect to take up to six (6) credits. Below is a list of science course selections according to grade and level:

### FRESHMAN

**Access:** General Biology  
**College Prep:** Biology  
**Honors:** Honors Biology

### SOPHOMORE

**Access:** General Chemistry  
**College Prep:** Chemistry  
**Honors:** Honors Chemistry

### JUNIOR

**Access:** CP Environmental Science or CP Physics  
**College Prep:** Environmental Science or Anatomy and Physiology  
**Honors:** CP Environmental Science or CP Anatomy and Physiology

### SENIOR

**Access:** CP Physics or Chesapeake Bay  
**College Prep:** Physics, Chesapeake Bay or Epidemiology  
**Honors:** Honors Physics, AP Biology, AP Environmental Science, Epidemiology, or Teacher's Assistant in Biology

## FINE & PERFORMING ARTS

The Fine Arts Department focuses on both individual training and group dynamics. The courses and instructors aim to develop talents and interests that will grow with the student throughout her life. Below is a list of fine arts course selections:

### ART

General Art, Studio Survey, Painting I, Painting II

### MUSIC

Select Choir (Honors), Introduction to Musical Theatre, Music Survey, Choral Performance, Introduction to Keyboarding/Piano and Guitar

### THEATER

Theater Arts, Advanced Theater Arts, Stage Craft, Independent Study - Theater Arts

## RELIGIOUS STUDIES

The Religious Studies Department fosters the personal and spiritual growth of each student and empowers students to live as disciples of Jesus Christ in today's world. Four (4) credits of religious studies courses are required for graduation. Below is a list of religious studies course selections according to grade:

### FRESHMAN

Christology/New Testament

### SOPHOMORE

Christian Morality

### JUNIOR

Christian Justice

### SENIOR

World Religions

Religious Studies elective courses include Prayer/Adult Spirituality, Contemporary Moral Issues, Mystery of Suffering and Death, and Creating a Christian Lifestyle.

## TECHNOLOGY & BUSINESS

The Technology and Business Department require one (1) full credit for graduation. Freshmen are required to take Microsoft Applications for a half (0.5) credit, and they then have the choice for the remaining half (0.5) credit. Technology Courses offered include Microsoft Word/Excel®, Microsoft Publisher/PowerPoint® and Web Design, Internet Introductions, Yearbook and Advanced Microsoft Office®. Business courses are offered as electives for sophomores, juniors and seniors. Business courses include Business Law, Financial Management, Business Management, Economics and Introduction to Marketing.

## PHYSICAL EDUCATION & HEALTH

Physical Education is offered in the freshman and sophomore years. An elective, Life Fitness, is offered for further interest in the study of plyometrics and physical exercise.



## LANGUAGE

The Language Department develops in its students a proficiency to understand, read, write and speak the target language to a degree comprehensible to the native speaker. Students are required to take two (2) credits of language for graduation. Students can choose to take Spanish or French; each language is offered all four years at conversational and advanced levels. Latin may also be taken as an elective.

## SOCIAL STUDIES

The Social Studies Department recognizes that a rigorous study of history is part of a well-rounded student's education and will help prepare her to be a responsible citizen of the United States. Students are required to take three and a half (3.5) credits of social studies. Many students, however, elect to take four (4) credits. Below is a list of social studies course selections according to grade and level:

### FRESHMAN

**Access and College Prep:** Geography  
**Honors:** Honors World History

### SOPHOMORE

**Access and College Prep:** World History

### JUNIOR

**Access and College Prep:** U.S. History  
**Honors:** AP U.S. History

### SENIOR

**College Prep and Honors:** Government and Contemporary History (*Government students may take the AP Government exam.*)

Social Studies elective courses include Civil and Criminal Justice, African-American History, Intro to Sociology; American Women's Studies; History through Film, and Intro to Psychology.



## *By the Numbers*

### **CHRISTIAN SERVICE**

Christian Service at IND enables students to discover the value in service to the school, church and community. Students are encouraged to select projects that are outside their comfort zones as well as complement IND's mission of service to the local community. Projects may be selected independently or with the assistance of the Youth Minister. There are several service clubs through which students can earn hours. Each student must perform 20 hours of service each academic year, totaling a minimum of 80 hours of service required for graduation. Students who transfer to IND must complete 20 hours for each academic year they attend. Incoming freshmen may begin their service hours accumulation July 1.

### **GUIDANCE DEPARTMENT**

The Guidance Department provides each IND student the opportunity to capitalize her full potential during her high school experience. The program is designed to reach all students by addressing specific developmental competencies in the following areas:

#### **Personal-Social: Learning to Live**

Becoming more aware of who she is and how she can effectively interact with others.

#### **Education Success: Learning to Learn**

Becoming more aware of how to realize achievement potential while in school.

#### **Career Success: Planning for the Future**

Selecting and gaining acceptance into colleges commensurate with her credentials where she can begin her further education in the career field that best matches her interests and skills.

The programs sponsored by the Guidance Department are focused on both prevention and intervention. The school counseling curriculum consists of activities that address mastery of specific competencies and may be conducted on an individual basis, small group situations, or classroom settings. Individual student planning consists of those activities through which students are helped to manage their own personal-social, educational and career development. Responsive services consist of those activities through which more pressing student issues are addressed. Examples of responsive service activities include individual and group counseling, consultation, and referral to internal or community resource personnel. System support activities are those through which the school counseling program is managed and enriched, and the total educational program – of which school counseling is an important part – is supported. Students are assigned the same guidance counselor for all four years at IND. Assignments are alphabetical, by last name. The Guidance Department is staffed by two full-time counselors and an administrative assistant.

**11:1**  
**Student:Teacher Ratio**

**18**  
**Average Class Size**

**100%**  
**College Acceptance Rate**

**15%**  
**of faculty/staff are alumnae**

**\$5.7 million**  
**in merit-based college scholarships earned by the Class of 2009**

**162**  
**years of developing women of discernment, active leaders, lifelong learners, and responsible citizens of the world**

# Clubs & Athletics



## CREATIVE ARTS CLUBS/GROUPS

- A Capella Choir
- Choral Performance
- ★Dance Club
- Drama Club
- ★Food Critics Club
- Garland (Literary Magazine)
- Gospel Choir
- Select Choir
- ★Sewing Club
- Stage Guild
- wINDows (School Newspaper)

## ENVIRONMENTAL CLUBS

- Outdoor Adventures
- Recycling Club

## HONOR SOCIETIES

- National Honor Society
- National Art Honor Society
- Sociedad Honoraria Hispánica
- Societe Honoraire de Français
- Tri-M Music Honor Society

## SERVICE CLUBS

- Ambassadors
- Campus Ministry
- Hildie's Helpers
- Peer Ministers
- Reading IND
- Senior Service
- Student Sharing Coalition
- TASC: Teacher and Student Cooperative

## SOCIAL CLUBS

- Student Peace Activists
- Cultural Awareness
- Peer Mediators
- SADD (Students Against Destructive Decisions)

## SPECIAL INTEREST CLUBS

- Bond-to-Bond (*Partnership with Johns Hopkins Hospital*)
- ★Equestrian Club
- Future Health Care Professionals
- It's Academic
- Junior State Club
- Photography Club
- PAL - Preserving and Learning (*Partnership with Oak Crest Retirement Community*)
- ★Robotics Club
- Young Republicans Club

## ATHLETIC TEAMS

- Badminton (V)
- Basketball (V/JV)
- Cheerleading (V/JV)
- Crew (V/Novice)
- Cross Country (V)
- Field Hockey (V/JV)
- Golf (V)
- Soccer (V/JV)
- Lacrosse (V/JV)
- Track - Outdoor (V)
- Softball (V/JV)
- Swimming (V)
- Volleyball (V/JV)

★ NEW CLUB FOR 2009-2010 SCHOOL YEAR

## MAP OF CLUBS & ATHLETICS FAIR (GYM)

