First Year Advising Information Session

Center for University Advising
Overview

I. Introduction to First Year Advising
II. Degree Requirements
III. Creating a Fall Schedule
IV. Registration Information
V. Next Steps
The Advising Relationship

As academic advisors, we aim to:

• Provide a supportive environment for your transition to college
• Ensure that you are making well-informed decisions about your academics
• Facilitate exploration of the wealth of opportunities available at Notre Dame
• Encourage engaged learning, both in and out of the classroom
• Connect you to key campus resources
The Advising Relationship

As **students**, you should plan to:
- Be forthcoming with questions, curiosities, and concerns
- Take ownership of your educational experience
- Adhere to important dates and deadlines
- Keep in contact with your advisor throughout your first year
Your First Year

● This is a time to...
  ○ Explore
  ○ Ask questions
  ○ Be exposed to diverse perspectives
  ○ Discover more about yourself
  ○ Learn how to be a successful college student
  ○ Discern your future
  ○ Develop your goals

● You are not expected to have it “all figured out”

● There is a network of support ready to be a part of your journey
Degree Components

- The **Core Curriculum** exposes all students to diverse ways of knowing across disciplines.
- **College Requirements** provide a strong academic foundation.
- **Major/Minor courses** develop expertise in particular subject areas.
- **Electives** allow students to customize their experience.
The Notre Dame Core Curriculum:

Six Courses in the General Liberal Arts

- Liberal Arts 1: quantitative reasoning
- Liberal Arts 2: science & technology
- Liberal Arts 3: quantitative reasoning or science & technology
- Liberal Arts 4: art & literature, or advanced language & culture
- Liberal Arts 5: history or social science
- Liberal Arts 6: Integration or way of knowing not yet chosen from 4 or 5

Four Courses Exploring Explicitly Catholic Dimensions of the Liberal Arts

- Theology 1: foundational
- Theology 2: developmental
- Philosophy 1: introductory
- Philosophy 2 or CAD: philosophy or Catholicism and the Disciplines

Two Courses in Writing

- Writing 1: University Seminar
- Writing 2: Writing & Rhetoric or other writing-intensive course

Moreau 1st Year Experience

- Moreau: one two-semester course
CHEM 10171/10172 sequence for most science/ pre-med majors

CHEM 10171/101112 sequence for most ACMS, MATH, PHYS, STATS majors

CHEM 10181/10182 sequence for BCHM and CHEM majors

CHEM courses have a lab and a tutorial
MATH 10350 and 10360 (Calculus A and B) for BIOS, ES, NSBH, SCPP and SCBU majors
or
MATH 10550 and 10560 (Calculus 1 and 2) for ACMS, BCHM, CHEM, PHYS, STATS majors
or
MATH 10850 and 10860 (Honor’s Math) for Honor’s Math Majors

Calculus courses have a tutorial
Physics 10310 and 10320 for ACMS, CHEM, MATH and STATS majors
or
Physics 10411, 10424, and 20435 for PHYS majors
or
Physics 20210 and 20220 (junior year) for BIOS, ES, NSBH, SCPP, SCBU majors

1st year PHYS courses have a lab and tutorial
Language

- Proficiency through intermediate level
- Intermediate proficiency depends on the language
- Students can complete the language requirement by either completing a course taught at the intermediate level or by demonstrating proficiency at the intermediate level through placement examinations
Major Requirements

For the First Semester:

BIOS, BCHM, ES, NSBH Majors:
Take Calculus, Chemistry, Biology + 1 or 2 courses

ACMS, CHEM, MATH, PHYS, STATS Majors:
Take Calculus, Chemistry, Physics + 1 or 2 courses

SCPP and SCBU Majors:
Take Calculus, Chemistry + 3 courses
Sample First Semester Schedule

1. Writing and Rhetoric or University Seminar
2. Calculus
3. Chemistry
4. Major requirement
   Biology for BIOS, BCHM, ES or NSBH majors
   Physics for ACMS, CHEM, MATH, PHYS or STATS
   OR Core course, language or elective for SCPP and SCBU majors
5. Core course, language, or elective
6. Moreau
Writing and Rhetoric and USEM

• Half of the FY students take WR or an elective if they have credit for WR in the first semester. Half of the FY students take a USEM in the first semester.
• During the second semester, it reverses
• Both WR and USEM are small classes, less than 20 students, allowing for meaningful discussion.
• USEM Information: https://corecurriculum.nd.edu/university-seminar/
• WR Information: https://corecurriculum.nd.edu/starting-fall-2018/ways-of-knowing/writing/
Moreau First Year Experience

• Two-semester course sequence that is required of all First-Year students
• Small class sizes (fewer than 20 students) with an emphasis on discussion
• Built around the following themes:
  - Orientation to University life
  - Health and wellbeing
  - Community standards
  - Cultural competence
  - Academic success
  - Spiritual life
  - Discernment

“Education is the art of helping young people to completeness”  - Fr. Moreau
Sample First Semester Schedules

Sample First Year Schedules

Choose a Major and view sample schedules
4 or 5 courses

- Over the past many years, all FY students began the semester with 5 courses and Moreau
- A typical FY student schedule with Calculus and two labs totals 19 credits, a lot for the 1st semester
- The College of Science is in favor of students taking Calculus 1 or 2 (or A or B) and 2 lab courses (CHEM and BIOS or CHEM and PHYS) to take 4 courses (16 credits)
- It is your choice
Pre-Med Requirements

2 semesters Calculus (AP/IB accepted)
2 semesters General Chemistry
2 semesters Biology
2 semesters Organic Chemistry
2 semesters Physics
Health science advisors recommend for the MCAT
1 semester PSY
1 semester PSY, ANTH or SOC
1 semester Statistics
1 semester Biochemistry
Researching Your Options

- **First Year Advising:**
  - [Requirements](#)
  - [Frequently Asked Questions](#)
  - [USEM Descriptions](#)

- **InsideND:**
  - [Class Search](#)

- **College of Science**
Class Search

- Select Class Search on InsideND
- Select Fall Semester 2020 and search by Subject or Attribute
- Note Course Reference Number (CRN) required for registration
Class Restrictions

MATH 10560 - Section 01: Calculus II (CRN 10577)

Course Description:
For students in science and engineering. Topics include sets, functions, limits, continuity, derivatives, integrals, and applications. sequences and series, parameterized curves in the plane, and polar coordinates.

Associated Term: Fall Semester 2020
Campus: Main
Credits: 4
Grade Mode: Standard Letter
Course may not be repeated

Prerequisites:
MATH 10550 or MATH 10091 or MATH 10850
Indicates classes which can be taken concurrently

Corequisites:
MATH 12560

Comments: Must be enrolled in MATH 12560 section 11 or 12.

Restrictions:
Must be enrolled in one of the following Levels:
Employee Non-Degree (EM), St. Mary's College (SM), Undergraduate Non-Degree (UD), Undergraduate (UG)

Cannot Have Taken:
MATH 10092, MATH 10260, MATH 10360, MATH 10860, MATH 14360

Course Attributes:
MATH - old Core Mathematics, WKQR- new Core Quant Reasoning, ZFYS - FYS Bulletin (Admin), ZTST - Final exam
What’s Next

July Registration:

○ Pre-registered classes

○ One-on-one Zoom registration meetings

○ Finalizing Fall schedule
Preparing for Your Appointment

- Familiarize yourself with online resources
- Check Concise Student Schedule to see courses for which you have been pre-registered
- Create a list of additional courses you are interested in taking based on the FY requirements you need to fulfill
- Build a tentative schedule making sure that there are no time conflicts
- Come with a list of questions—if there is anything that you don’t understand about your exam credit, placement, requirements, etc. please ask!
Looking Ahead...

- **June:**
  - Make sure you have sent all scores and transcripts to ND
  - Review “Just Around the Bend” in Sakai
  - Complete all To-Dos from First Year@ND newsletters
  - Research your course options

- **July:**
  - Attend Zoom meeting with your advisor to register for your fall classes (look out for an email with instructions)

- **August:**
  - If you still have questions about your Fall schedule there will be time in early August to speak with your advisor and make adjustments
  - Look out for information about Welcome Weekend
One More Recommendation

Explore opportunities to get involved at Notre Dame

Campus Ministry
Rec Sports
Student Clubs and Organizations
MultiCultural Student Programs
Student Media
University Band
Center for Social Concerns (CSC)
Questions?
Contact Us

College of Science Advisors

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