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

1. Liberal Arts 1: quantitative reasoning
2. Liberal Arts 2: science & technology
3. Liberal Arts 3: quantitative reasoning or science & technology
4. Liberal Arts 4: art & literature, or advanced language & culture
5. Liberal Arts 5: history or social science
6. 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

1. Theology 1: foundational
2. Theology 2: developmental
3. Philosophy 1: introductory
4. Philosophy 2 or CAD: philosophy or Catholicism and the Disciplines

Two Courses in Writing

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

Moreau 1st Year Experience

1. Moreau: one two-semester course
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
## Engineering College Requirements

<table>
<thead>
<tr>
<th>Math</th>
<th>Sciences</th>
<th>Engineering</th>
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<tbody>
<tr>
<td><strong>MATH 10550: Calculus I + Tutorial</strong></td>
<td><strong>CHEM 10171: General Chemistry + Lab + Tutorial</strong></td>
<td><strong>EG 10114: Discernment Course</strong></td>
</tr>
<tr>
<td><strong>MATH 10560: Calculus II + Tutorial</strong></td>
<td><strong>PHYS 10310: Engineering Physics I + Lab + Tutorial</strong></td>
<td><strong>EG 10115: Engineering Projects</strong></td>
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<tr>
<td><strong>MATH 20550: Calculus III + Tutorial</strong></td>
<td><strong>PHYS 10320: Engineering Physics II + Lab + Tutorial</strong></td>
<td><strong>EG 10116: Engineering Programming</strong></td>
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<tr>
<td><strong>MATH 20580: Linear Algebra &amp; Differential Equations + Tutorial</strong></td>
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Sample First Year Schedule

Fall Semester
- Writing & Rhetoric
- Calculus I
- General Chemistry
- Engineering Course & EG Discernment Course
- Core Curriculum
- Moreau First-Year Experience

Spring Semester
- University Seminar
- Calculus II
- Physics I
- Engineering Course
- 2nd Chemistry OR Tech Elective
- Moreau First-Year Experience

Credit hours can vary from 18-21 credits per semester
Course Preference Form:
How certain are you about engineering?

- Extremely Uncertain
  - EG10115: Projects

- Very Uncertain
  - Calc I

- Somewhat Certain
  - >Calc I
    - EG10116: Programming

- Very Certain

- Extremely Certain
Researching Your Options

- **First Year Advising:**
  - Requirements
  - First Year Sample Schedules
  - Frequently Asked Questions
  - USEM Descriptions

- **College Websites:**
  - [https://engineering.nd.edu/academics/undergraduateprograms](https://engineering.nd.edu/academics/undergraduateprograms)

- **InsideND:**
  - Class Search
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 Search

Term: Fall Semester 2020
Division: All
Campus: Main

Subject (CTRL/SHIFT to multi-select):
Accountancy
Accounting (MATG)
Aerospace and Mechanical Engr.
African & African-American Stu

Attribute: Any
Credits: All

(1) Click on a column header to sort by that column. (2) Click on any Course - Section for additional information. (3) An * denotes classes that are Dep
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, WKOR- new Core Quant Reasoning, ZFYS - FYS Bulletin (Admin), ZTST - Final exam
What's Next

July Registration:

- Some 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
Questions?
Engineering First Year Advising Team

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