



College of Engineering

University of Wisconsin-Madison

EGR Pre-Registration Advising Information

- Nuts and bolts of registration
- Qualifying for a department
- Course-by-course curriculum updates



An explanation of engineering requirements...

- All engineering programs show 8 semester plans.
- These plans work perfectly for no one.
- You want to customize your approach.
- We are here to help.

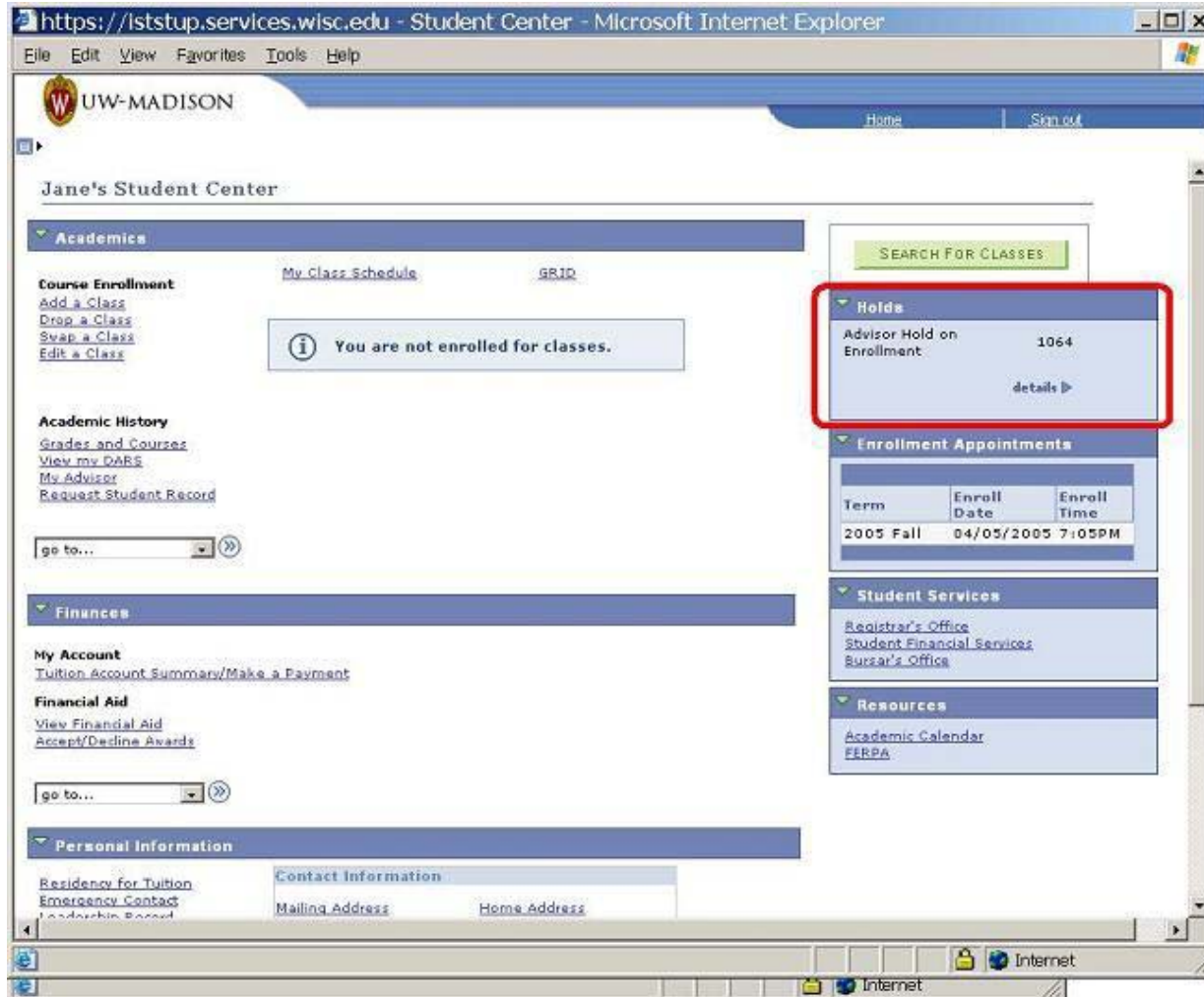




The registration process...by the numbers

- **November 2:** Registration holds placed; registration times/dates assigned; e-mail sent to all eligible students by registrar
- **November 4:** EGR office begins removing holds for students who attended evening meetings
- **November 13:** Juniors begin registering
- **November 18:** Sophomores begin
- **November 24:** Freshmen begin

Your fines and holds show in My UW:



The screenshot shows the 'Jane's Student Center' page in Microsoft Internet Explorer. The browser address bar displays 'https://iststup.services.wisc.edu - Student Center - Microsoft Internet Explorer'. The page header includes the UW-Madison logo and navigation links for 'Home' and 'Sign out'. The main content area is titled 'Jane's Student Center' and is organized into several sections:

- Academics:** Includes 'Course Enrollment' with links for 'Add a Class', 'Drop a Class', 'Swap a Class', and 'Edit a Class'. A central message box states: 'You are not enrolled for classes.' Below this is 'Academic History' with links for 'Grades and Courses', 'View my DARS', 'My Advisor', and 'Request Student Record'. A 'go to...' search box is present.
- Finances:** Includes 'My Account' with a link for 'Tuition Account Summary/Make a Payment' and 'Financial Aid' with links for 'View Financial Aid' and 'Accept/Decline Awards'. Another 'go to...' search box is present.
- Personal Information:** Includes 'Residency for Tuition', 'Emergency Contact', and 'Contact Information' with sub-links for 'Mailing Address' and 'Home Address'.

On the right side of the page, there is a 'SEARCH FOR CLASSES' button and a 'Holds' section highlighted with a red box. The 'Holds' section displays:

- Advisor Hold on Enrollment: 1064
- details ▶

Below the 'Holds' section is an 'Enrollment Appointments' table:

Term	Enroll Date	Enroll Time
2005 Fall	04/05/2005	7:05PM

Further down are 'Student Services' (Registrar's Office, Student Financial Services, Bursar's Office) and 'Resources' (Academic Calendar, FERPA). The Windows taskbar at the bottom shows the 'Internet' icon.



Your advisor is also shown in My UW:



https://iststup.services.wisc.edu - Student Center - Microsoft Internet Explorer

UW-MADISON

Jane's Student Center

Academics

Course Enrollment [My Class Schedule](#) [GRID](#)

[Add a Class](#)
[Drop a Class](#)
[Swap a Class](#)
[Edit a Class](#)

Academic History

[Grades and Courses](#)
[View my DARS](#)
[My Advisor](#)
[Request Student Record](#)

go to...

Finances

My Account

[Tuition Account Summary/Make a Payment](#)

Financial Aid

[View Financial Aid](#)
[Accept/Decline Awards](#)

go to...

Personal Information

[Residency for Tuition](#)
[Emergency Contact](#)
[Leadership Record](#)

Contact Information

Mailing Address	Home Address
1210 W Dayton St Madison, WI 53706	1210 W Dayton St Madison, WI 53706

SEARCH FOR CLASSES

Holds

Advisor Hold on Enrollment

Enrollment Appointment

Term	Enroll Date
2005 Fall	04/05/2005

Student Services

[Registrar's Office](#)
[Student Financial Services](#)
[Bursar's Office](#)

Resources

[Academic Calendar](#)
[FERPA](#)



General College Requirements (GCR)

- “General Engineering” courses
- Required by all departments
- Departmental preferences, but no barriers
- *Apply in the semester when you will (or might) meet the GCR.*
- Sept. 15 to Nov. 1 for spring admission
- Jan. 15 to March 1 for fall admission



To meet the GCR...

You must fulfill 5 specific GCR requirements.

And have at least...

- 24 degree credits
- 2.5 GPA in at least 17 credits of math/science courses
- 2.0 GPA in all other courses



Classes that count toward the m/s gpa*

- Math 221 and above
- Physics 201 and above
- All Chemistry classes
- Statistics 224 and above
- Computer Science 302 and above
- EMA 201

*Note: Engineering classes do not count toward the m/s gpa



Calculating your math/science gpa

EXAMPLE

Fall 2006

Chem 109 BC

Math 221 B

Credits	Grade	Grade points
5	2.5	$5 \times 2.5 = 12.5$
5	3.0	$5 \times 3.0 = 15.0$

Spring 2007

Math 222 BC

EMA 201 C

5	2.5	$5 \times 2.5 = 12.5$
3	2.0	$3 \times 2.0 = 6.0$



18 cr		46 gr pts
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$$46 \text{ gr pts} / 18 \text{ cr} = 2.56 \text{ m/s gpa}$$



The one-course repeat rule

“For one and only one course that applies to the m/s gpa and that a student has repeated, the most recent of the two grades will be used in the m/s gpa calculation.”

Note: This rule affects only the m/s gpa calculation; it does not affect the actual gpa or students' transcripts.





The four semester rule

“Students may not begin a semester with the EGR classification once they have completed four semesters with an EGR classification.”

The point: you have a finite amount of time to meet the requirements for admission to an engineering degree program. After four semesters, if you don't qualify, you will have to transfer out of engineering.

(Appeal process...)



The 5 specific GCR requirements

1. Communication Skills A Requirement
2. Math: Math 221 and 222*
3. Physics: EMA 201 or Physics 201*
4. Chemistry: Chem 109 or Chem 103/104*
5. Introduction to Engineering course (from approved list)

*Or equivalent credits and courses.

<http://studentservices.engr.wisc.edu/advising/degrees/>



GCR 1. Communication Skills A

EPD 155

Basic Communication, 2 cr

or...

English 118 (ESL), 3 cr

or...

English 100, Com Arts 100,
Life Sci Com 100, 3 cr

or...

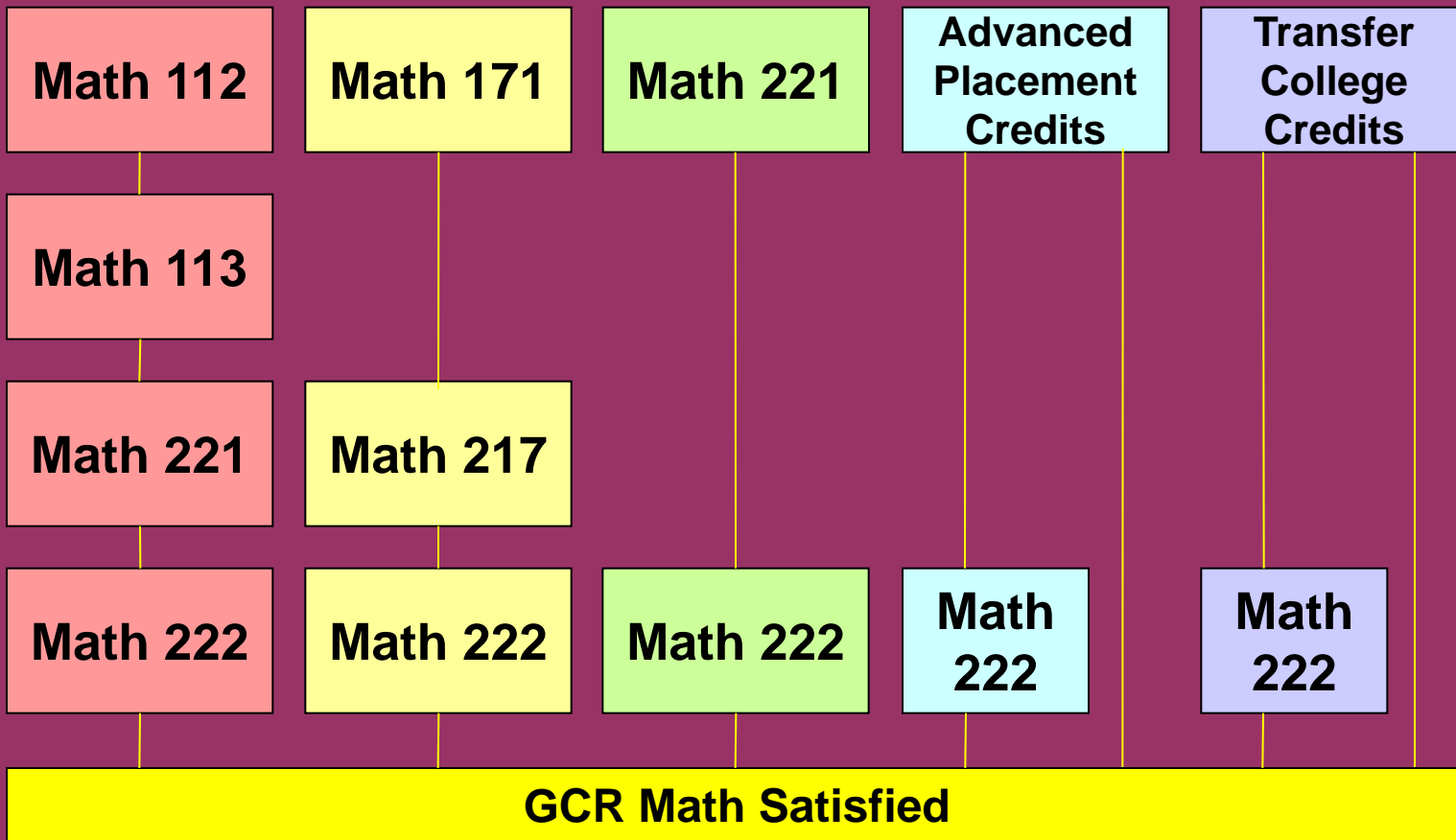
AP, transfer credits, or exemption by exam.





GCR 2. Math 221 and 222

Math Course Alternatives





GCR 3. EMA 201 or Physics 201

EMA 201, Statics (3 cr)

- Prereq: Math 222 or *concurrent enrollment*
- Vectors
- Mechanics, force systems, equilibrium, structures, inertia, friction
- Engineering examples and applications

Phys 201 or 207, General Physics (5 cr)

- Prereq: Math 221
- 201 mostly engineers
- 207 mostly others
- 201 & 207: same level & textbook
- Slightly different order of topics
- Can switch mid sequence
 - 201 to 202 or 208
 - 207 to 208 or 202



GCR 4. Chemistry 103/104 or 109

Chem 103/104 or 109 or 115

Spring Courses

- Chem 103, 4 cr
- Chem 104, 5 cr





GCR 5. Introduction to Engineering

Spring Courses

InterEgr 160 design 3 cr

Department Specific

- ECE 252 computer 2 cr
- GLE 171 geological 1 cr
- ISyE 191 industrial 1 cr

<http://www.engr.wisc.edu/interegr/> -





Classes for next semester

If you have **decided** on a major:

Study your program's curriculum guide
and select courses accordingly, keeping in mind the importance of:

- Knowing why you are taking the courses
- Knowing the pre-requisites
- Knowing how / when to prioritize among program requirements and GCR requirements
- Knowing how/when to decide between program requirements and individual performance



Schedules and credit loads

Schedules

When planning your desired schedule, we would encourage you to make at least one alternate schedule in case you cannot get into courses that you would like to, or at the times you want. And don't forget to check your final exam schedule!!

Credit Loads

We talked about credit loads at SOAR, but now you are actually in your first semester and have a better feel for college level work.

Some things to consider.....

Course intensity, how your current course load is going, are you also working? We recommend working no more than 10 hours per week.



Liberal studies electives

- General guidelines
 - 3 credits of Ethnic Studies
 - 3 credits of Social Science
 - 6 credits of Humanities or Literature (foreign language counts as Humanities for engineering students)
 - Two courses from the same department, at least one of which is at the Intermediate or Advanced level.
 - Total = 15 or 16 credits
- Specific requirements vary by department



Finding liberal studies courses

Course Title Keyword (example: statistics)

Mode of Instruction

Session

Class Start Date **Class End Date**

Units to Independent studies classes will be excluded.

Open to Freshmen

Yes -- only courses open to freshmen.

No -- only courses NOT open to freshmen.

No Preference

Communication and Quantitative Reasoning Requirements

Communication Part A Part B

Quantitative Reasoning Part A Part B

Ethnic studies

Ethnic Studies Yes -- courses that satisfy the ethnic studies requirement.

Breadth

Biological Science

Humanities

Interdivisional

Literature

Natural Science

Physical Science

Social Science

Humanities

Literature

Social science

Intermediate or Advanced

Level

Elementary

Intermediate

Advanced



48 hours before you register:

- Confirm that you have no fines or holds
- Begin tracking class/section availability
- Develop two or three alternate schedules

Between now and then:

- Call 262-2473 to make an appointment with your advisor, if you have unanswered questions.
- E-mail your advisor if you have quick questions.



Who are the EGR advisors and how can I make an appointment to see my advisor?

- EGR Advisors

- Jenny Binzley, binzley@engr.wisc.edu
- Beth Dawson, dawson@engr.wisc.edu
- Suzy Sandrik, sandrik@engr.wisc.edu
- Eman Zaki, zaki@engr.wisc.edu

- APPOINTMENTS

- **Contact the EGR Office, 1150 Engineering Hall, 262-2473**
- Have your ID number ready



Closed Course Information

- Math courses: first day/week of classes, go to Math Help Desk, 307 Van Vleck
- Chem. 103-104, 109, 343: first day/week of classes, go to 1328 Chem Bldg
- Chem 327, 329: Pam Doolittle, 262-9679, pam@chem.wisc.edu
- Physics 201-202, 207-208: Call 262-2629
- Statistics: Call 262-1009
- Zoology 101-102, 151-152: enroll in any open section; wait list on www.zoology.wisc.edu
- ME: Annie Duchek, 890-2765, 3182 ME Bldg.
- CEE: Sherry Liantonio, 890-2304 A Eng. Hall
- EMA: Betsy Wood, 263-7038, 144 ERB
- CBE 250: must be pre-authorized with Linda Gatzke, 262-7775, gatzke@enr.wisc.edu