

**Peter Sin**

Department of Mathematics

College of Liberal Arts and  
Sciences[Home](#)[Courses](#)[Papers and  
preprints](#)[Recent Talks](#)[Algebra Seminar](#)[Past Seminars](#)[Curriculum Vitae](#)[Mathematics Links](#)

# MAS5311-8526,08B8(15446,15451) – Intro Algebra 1

## Instructor

[Prof. Peter Sin](#)

## Time and Location:

MWF Per. 3, Little 217.

## Office Hours:

TBA (and other times by appointment) Little 362.

## Textbook:

Abstract Algebra, 3rd Edition, by D. S. Dummit and R. M. Foote.

A list of errata for this book is available [here](#)

## Aim of Course

This course is the first part of a two semester sequence to prepare students for the First Year Algebra Exam.

In this sequence the student will learn the basic concepts and results in algebra. Full mathematical rigor and abstraction are used throughout.

The first semester focuses mainly on group theory, with material taken from chapters 1-6 of the text.

In the second semester the main topics are rings and modules and fields, with material selected from chapters 7-13 of the text.

## Grading

Grades will be based on graded homework assignments (40%), a midterm (25%) and a final exam (35%).

Mathematical accuracy and clarity of exposition are the qualities which will earn high marks.

## Resources

### UF Links

[College of Liberal Arts  
and Sciences](#)[Mathematics  
Department](#)[Mathematics Graduate  
Program Page](#)[University of Florida](#)

[First Year Algebra Exam Syllabus](#)

[GMA Archive of past First Year algebra exams](#)

## Disabilities statement

Students with disabilities requesting accommodations should first

register with the Disability Resource Center (352-392-8565,

<http://www.dso.ufl.edu/drc/>) by providing appropriate documentation. Once

registered, students will receive an accommodation letter which must

be presented to the instructor when requesting accommodation. Students

with disabilities should follow this procedure as early as possible in

the semester.

## Health and Wellness

- U Matter, We Care: If you or a friend is in distress, please contact [umatter@ufl.edu](mailto:umatter@ufl.edu) or 352-392-1575 so that a team member can reach out to the student.
- Counseling and Wellness Center: <http://www.counseling.ufl.edu>, 352-392-1575.
- Sexual Assault Recovery Services (SARS)
- Student Health Care Center, 352-392-1161.
- University Police Department, 392-1111 (or 9-1-1 for emergencies), <http://www.police.ufl.edu/>

## Honor Code

UF students are bound by The Honor Pledge which states, “We, the members of the University of Florida community, pledge to hold ourselves and our peers to the highest standards of honor and integrity by abiding by the Honor Code.

On all work submitted for credit by students at the University of Florida, the following pledge is either

required or implied: “On my honor, I have neither given nor received unauthorized aid in doing this

assignment.”

The Honor Code (<http://www.dso.ufl.edu/sccr/process/student-conduct-honor-code/>)

specifies a number of behaviors that are in violation of this code and the possible sanctions.

Furthermore, you are obliged to report any condition that facilitates academic misconduct to appropriate

personnel. If you have any questions or concerns, please consult with the instructor of this class.

## Course Evaluations

Students are expected to provide professional and respectful feedback on the quality of instruction in this course by completing course evaluations online via GatorEvals. Guidance on how to give feedback in a professional and respectful manner is available at <https://gatorevals.aa.ufl.edu/students/>. Students will be notified when the evaluation period opens, and can complete evaluations through the email they receive from GatorEvals, in their Canvas course menu under GatorEvals, or via <https://ufl.bluera.com/ufl/>. Summaries of course evaluation results are available to students at

<https://gatorevals.aa.ufl.edu/public-results/>.

