

Department: MATH

Course No.: 201W

Title: Undergraduate Seminar II

Credits: 1

Contact: Jeffrey Tollefson

WQ: W

Catalog Copy: MATH 201W. Undergraduate Seminar II. Either Semester. One credit.
Prerequisite: MATH 200.

The student will attend 6-8 seminars per semester, and choose one mathematical topic to investigate in detail. The student will write a well-revised, comprehensive paper on this topic, including a literature review, description of technical details, and a summary and discussion, building upon the writing experience in MATH 200.

Course Information: The student will attend 6-8 seminars per semester, and choose one mathematical topic to investigate in detail. The student will write a well-revised, comprehensive paper on this topic, including a literature review, description of technical details, and a summary and discussion, building upon the writing experience in MATH 200.

This course will be offered in either semester and will be supervised by a faculty member. It will give students the opportunity to attend seminars on topics in mathematics, and to then research a selected topic in greater detail, and write a paper on the topic. The paper will be at least 7.5 pages long and will be evaluated and corrected along its development, based on which the student should revise the paper for final submission. The student is expected to maintain a portfolio with material detailing his/her writing progress in order to ensure continuity and assessment of improvement in writing skills between MATH200 and MATH 201W. The student is expected to do a considerable amount of literature search on the selected topic and use library and Web resources. As such, it is expected that the combination of MATH 200 and MATH 201W will satisfy the Information Literacy Competency as well.

The Undergraduate Colloquium Series on which this course is based consists of a series of weekly talks on current topics in mathematics.

W Criteria: 1. The student will attend 6-8 seminars per semester, and choose one mathematical topic to investigate in detail. The writing assignments will enhance learning by allowing each student to conduct in-depth research on and achieve a certain level of understanding of the chosen topic in consultation with the instructor. Each student will be required to search the scholarly literature, select appropriate materials pertaining to the chosen topic, and then read and incorporate these into their writing assignment.

The paper will be at least 7.5 pages long and will be evaluated and corrected along its development, based on which the student should revise the paper for final submission. The student is expected to maintain a portfolio with material detailing his/her writing progress in order to ensure continuity and assessment of improvement in writing skills between MATH 200 and MATH 201W

The writing component of this course will constitute 50% of the course grade. Failure to pass the writing component results in failure of the course.

To enroll in Math 201W a student must have passed Math 200, described below. At the end of the two course sequence, Math 200-201W, the student will have written a minimum of fifteen pages of revised, edited writing.

Catalogue description: MATH 200. Undergraduate Seminar I. Either Semester. One credit.
Prerequisite: MATH 210 or MATH 220 and MATH 211 or MATH 221

The student will attend 6-8 seminars per semester, and choose one mathematical topic to investigate in detail. The student will write a well-revised, comprehensive paper on this topic, including a literature review, description of technical details, and a summary and discussion.

Math 200 will be conducted following the guidelines established for Math 201W: The student will attend 6-8 seminars per semester, and choose one mathematical topic to investigate in detail. The writing assignments will enhance learning by allowing each student to conduct in-depth research on and achieve a certain level of understanding of the chosen topic in consultation with the instructor. Each student will be required to search the scholarly literature, select appropriate materials pertaining to the chosen topic, and then read and incorporate these into their writing assignment. The paper will be at least 7.5 pages long and will be evaluated and corrected along its development, based on which the student should revise the paper for final submission. The student is expected to maintain a portfolio with material detailing his/her writing progress in order to ensure continuity and assessment of improvement in writing skills between MATH 200 and MATH 201W. The writing component of this course will constitute 50% of the course grade. Failure to pass the writing component results in failure of the course.

2. The primary modes of writing instruction will be through individual conferences and written commentary provided by the instructor. The instructor will provide written commentaries on the assignments and will meet with students to discuss.

3. Each writing assignment will be reviewed, and comments and suggestions for improvement provided. Each assignment will be graded for content, problem formulation, organization, structure, grammar, punctuation, spelling, and clarity. The student will be required to revise the first 7.5-page draft according to instructor comments and resubmit as the final 7.5-page paper. The student will submit the first 7.5-page draft along with the final draft so that the instructor can easily evaluate how well the student has incorporated comments and suggested changes. In the two semesters (Math 200 and Math 201W) the writing will total at least 15 pages. The student is expected to maintain a portfolio with material detailing his/her writing progress in order to

ensure continuity and assessment of improvement in writing skills between MATH 200 and MATH 201W

4. The syllabus will inform students that they must pass the "W" component of the course in order to pass the course.