WEEKEND PROGRAMS FOR MATHEMATICS TEACHERS OFFERED
BY THE MATHEMATICS DEPARTMENT AT DEPAUL UNIVERSITY

(1) M.A.M.Ed. - MASTER OF ARTS IN MATHEMATICS
EDUCATION (for teaching secondary mathematics)

(2) M.S.M.T. - MASTER OF SCIENCE IN MATHEMATICS FOR
TEACHING (for teaching community college mathematics)

The Department of Mathematics offers two weekend programs at the Lincoln
Park Campus for current teachers and career-changers - one for teaching mathematics at
the secondary level and the other for the community college level.

The M.A.M.Ed. program, which has been in existence since 1983, offers courses
for both mathematics teachers and career-changers preparing to become secondary
mathematics teachers. M.A.M.Ed students who already have a B.A. or B.S. degree in
mathematics are welcome to mix and match courses from our standard sequence with
courses in our alternate sequence at http://condor.dePaul.edu/jbergen/alt_sequence.pdf.

The M.S.M.T. program began in 2013 and is intended for teachers and career-
changers planning to teach community college mathematics. It starts with the courses in
the M.A.M.Ed. program and then provides the additional mathematics courses needed to
teach the upper level mathematics courses offered at community colleges.

It is not necessary to have been a mathematics major to enroll in either the
M.A.M.Ed or M.S.M.T. program.

ADMISSION

The M.A.M.Ed. and M.S.M.T. programs welcome both teachers and career-
changes regardless of whether they were mathematics majors as undergraduates. If you
were not a mathematics major, please contact the program director, Professor Jeffrey
Bergen (773-325-4218; jbergen@depaul.edu) to discuss how to best prepare for your Fall
Quarter courses.

Our expectation is that you will be ready for our calculus and discrete
mathematics courses when you begin the program in Fall 2016. To help you prepare for
your Fall courses, we plan to offer entering students a free (optional) self-study online
course. It will feature adaptive learning and should help students of all mathematical
backgrounds prepare for upcoming courses in calculus and discrete mathematics. This
online non-credit course should be of particular interest to students who were not
mathematics majors. If you are uncertain about your mathematics background, you are
invited to take a mathematics diagnostic test from our assessment office.
There should be a **limited** number of Dean’s Scholarships, consisting of 25% tuition reduction awards available **only** to teachers in the City of Chicago (public and private at the K-12 level). In addition **all** graduates of DePaul are eligible for a 25% **double demon discount**.

If you have **any** questions about our courses and programs, please contact the program director, Professor Jeffrey Bergen (773-325-4218; jbergen@depaul.edu) as soon as possible.

Formal admission is predicated upon receipt of the online graduate application and official transcripts by the College of Science & Health graduate office. Please click the following link to apply [https://www.applyweb.com/depaul](https://www.applyweb.com/depaul). A $40 non-refundable admission fee is required as part of your DePaul University application. The tuition for the 2016-2017 academic year will be somewhat higher than the 2015-2016 rate of $2720 per four-credit hour course. Additional fees, such as a $25 registration fee, will also be required each quarter.

**REVIEW SESSIONS, PROJECTED SCHEDULES, AND NEW STUDENT ORIENTATION**

We plan to offer a free online self-study course during Summer 2016 to help entering students, especially career-changers prepare for their Fall Quarter courses. The free online courses will be integrated with free review sessions at the Lincoln Park Campus. The online work combined with the on-campus review sessions should be extremely useful to incoming students, especially those who were not math majors as undergraduates.

These sessions will cover topics that will help prepare you for the Calculus courses (610-611-612) and the Discrete Mathematics course (660). They will also provide an introduction to the TI-83 graphing calculator, which will be used throughout the program.

The dates for the on-campus review sessions will be announced in April. New student orientation will take place during the lunch break of one of the review session. You do not need attend the review session to attend orientation and additional details will be provided during the summer. An important information letter for students will appear near August 1, 2016 at condor.depaul.edu/jbergen.

The M.A.M.Ed. program can be completed in as few as six quarters. Students must complete the 12 four credit hour courses we offer (although some courses from the M.S.M.T program can substitute for M.AM.Ed. courses). The M.S.M.T. program requires 16 four credit hour courses and 2 two credit hour courses.

Students beginning the M.A.M.Ed. program in Fall 2016 can finish in Winter 2018. M.A.M.Ed. students with B.A. or B.S. degree in mathematics are welcome to take course in our **alternate sequence** at [http://condor.depaul.edu/jbergen/alt_sequence.pdf](http://condor.depaul.edu/jbergen/alt_sequence.pdf).
Our schedule provides M.A.M.Ed. students who are not yet certified the opportunity to do their student teaching in the spring of the second year (18 months after starting the program). If it is more convenient, students are welcome to proceed through the program at a slower pace. Students beginning the M.S.M.T program in Fall 2016 can finish in Fall 2018.

Optional review sessions, which meet evenings and/or weekends, have proven to be very useful in helping students prepare for midterm and final exams. These sessions will be arranged by the course instructor during the quarter.

The next two tables show the sequence of courses for students entering the M.A.M.Ed. and M.S.M.T. programs in Fall 2016. Later in this document is a sequencing of our courses for students who would like to spread the M.A.M.Ed. or M.S.M.T. program over a period of time longer than the ones in these tables.

### Standard Sequence of M.A.M.Ed. courses

<table>
<thead>
<tr>
<th>Fall 2016</th>
<th>Winter 2017</th>
<th>Spring 2017</th>
<th>Summer 2017</th>
<th>Fall 2017</th>
<th>Winter 2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>610</td>
<td>611</td>
<td>612</td>
<td>618</td>
<td>640</td>
<td>650</td>
</tr>
<tr>
<td>660</td>
<td>620</td>
<td>670</td>
<td>671</td>
<td>680</td>
<td>631</td>
</tr>
</tbody>
</table>

### Sequence of M.S.M.T. courses

<table>
<thead>
<tr>
<th>Fall 2016</th>
<th>Winter 2017</th>
<th>Spring 2017</th>
<th>Summer 2017</th>
<th>Fall 2017</th>
<th>Winter 2018</th>
<th>Spring 2018</th>
<th>Summer 2018</th>
<th>Fall 2018</th>
</tr>
</thead>
<tbody>
<tr>
<td>610</td>
<td>611</td>
<td>612</td>
<td>618</td>
<td>640 &amp; 642</td>
<td>650</td>
<td>651</td>
<td>644</td>
<td>470</td>
</tr>
<tr>
<td>660</td>
<td>620</td>
<td>670</td>
<td>671</td>
<td>680</td>
<td>631</td>
<td>672</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Math 642 and 672 are two credit hour courses. M.S.M.T. students will also need to take TCH 473 from the College of Education in Fall 2017 or 2018. The next two tables provide tentative dates and times of the two Fall 2015 courses for entering students. The official dates and times will be announced in March 2016.

### Fall 2016 – Tentative Schedule of Courses - First Year Students

**Math 610 – Calculus - I (a first year course)**

The 31 contact hours are distributed over 5 class sessions (see the grid below).

<table>
<thead>
<tr>
<th>Course and Instructor</th>
<th>Date</th>
<th>Day</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Math 610</td>
<td>September 10</td>
<td>Saturday</td>
<td>9:00 – 5:00</td>
</tr>
<tr>
<td>Calculus – I</td>
<td>September 11</td>
<td>Sunday</td>
<td>9:00 – 5:00</td>
</tr>
<tr>
<td>Calculus – I</td>
<td>October 8</td>
<td>Saturday</td>
<td>9:00 – 5:00</td>
</tr>
<tr>
<td>Calculus – I</td>
<td>October 9</td>
<td>Sunday</td>
<td>9:00 – 5:00</td>
</tr>
</tbody>
</table>
Math 660 – Discrete Mathematics (a first year course)

The 31 contact hours are distributed over 5 class sessions (see the grid below).

<table>
<thead>
<tr>
<th>Course and Instructor</th>
<th>Date</th>
<th>Day</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>September 24</td>
<td>Saturday</td>
<td>9:00 – 5:00</td>
</tr>
<tr>
<td>MAT 660 - Section 101</td>
<td>September 25</td>
<td>Sunday</td>
<td>9:00 – 5:00</td>
</tr>
<tr>
<td>Discrete Mathematics</td>
<td>October 22</td>
<td>Saturday</td>
<td>9:00 – 5:00</td>
</tr>
<tr>
<td></td>
<td>October 23</td>
<td>Sunday</td>
<td>9:00 – 5:00</td>
</tr>
<tr>
<td></td>
<td>November 20</td>
<td>Sunday</td>
<td>9:00 – Noon</td>
</tr>
</tbody>
</table>

Summer courses will be a combination of evening and weekends in June and July. All courses during the academic year and summer session consist of 31 contact hours.

**GENERAL INFORMATION**

1. The courses in the M.A.M.Ed. program satisfy the Illinois content area certification requirements for secondary mathematics. Students seeking secondary certification must work with a school of education. If you work with the DePaul School of Education, your contact person is Katie Schiller (kschill4@depaul.edu). She can tell you about the T&L Certification Only Program. When speaking to Katie, let her know that you are in the M.A.M.Ed. program and our program not only fulfills the entire mathematics portion of the certification requirements.

2. Students are welcome to proceed through our programs at a pace slower than the ones described earlier in this document. Only grades of C- and above are acceptable for the M.A.M.Ed. and M.S.M.T. degrees. The minimum G.P.A. for graduation is 2.50. However, the state will only accept grades of C and above for certification.

3. Students interested in spreading the M.A.M.Ed. program over three years can take courses in the order below. You have the choice of taking Math 680 or Math 651.


M.S.M.T. students interested in spreading the program over more than 9 quarters (Fall 2016 to Fall 2018) should discuss scheduling options with the program director.

4. In order to receive a full tuition refund for a M.A.M.Ed. or M.S.M.T. course, the course must be dropped within 14 days of the first meeting of the class. However, you must email me (jbergen@depaul.edu) with your request. The dates that M.A.M.Ed. and M.S.M.T. courses meet often differ slightly from those of many DePaul courses.
Therefore, if you drop the course using CampusConnect, you might not receive a refund as the computer may consider your request to be past the official deadline for refunds.

5. International students interested in the M.A.M.Ed. or M.S.M.T. program must exhibit that same proficiency in English as students in DePaul’s applied mathematics graduate program. Prospective students should contact me regarding the proficiency requirement.

6. Your contact at the Graduate College of Science and Health office is Paty Arreola (parreola@depaul.edu). She can assist you with issues such as graduation and final transcripts. Please copy me on your emails to Paty and include your DePaul ID number in all these emails.

7. If you ever have any problems registering for a M.A.M.Ed. or M.S.M.T. course, please email me (jbergen@depaul.edu) with the course number and your DePaul ID number and I will have the graduate office handle things.

8. M.S.M.T. students are expected to spend some time while taking TCH 473 visiting several of the City Colleges of Chicago. You should also speak to me regarding possible internships at the City Colleges of Chicago.

**APPLYING OVER THE WEB**

Applying to the M.A.M.Ed. and M.S.M.T. programs is done over the web. Please click the following link to apply https://www.applyweb.com/depaul. To electronically submit your transcripts, please send them to GradDePaul@depaul.edu.

Click the following link to return to the homepage of the director of the M.A.M.Ed. and M.S.M.T. programs: http://condor.depaul.edu/jbergen

Last updated on January 24, 2016