MATH MINOR REQUESTS:

The minor request will be available in one of two ways:

1.) Students can visit www.nsm.uh.edu and click on NSM Academics > Undergraduate > Minors. From here, select the “Click Here To Request a Minor in NSM” button.

2.) By directly typing in the website: https://forms.nsm.uh.edu/minor-request. Then select “Math” from the “Minor Degrees” area.

Minors will be processed and if approved, added to the student’s myUH account (estimated 5-20 business days). The student will then be contacted later to sign their minor plan with Department/Dean signatures.

Math Minor Requirements:

- 18 semester credit hours in Math, of which at least 9 hours must be advanced (3000 or 4000-level).
- Of the 9 advanced hours, at least 3 hours must be 4000-level.
- At least 6 of the 9 advanced semester credit hours must be taken in residence.
- No Selected Topics or Independent Study are permitted.
- You must have a 2.00 MATH GPA to satisfy requirements of the minor.

*Courses which by catalog statement cannot be applied toward a degree in Natural Sciences and Mathematics, or which have other relevant catalog restrictions will not be included in course or GPA requirements for the minor.
## How to Complete the Mathematics Minor

### Pick 3
You will need at least 3 lower-level MATH courses (9+ hours), which must include at least Calculus II.

<table>
<thead>
<tr>
<th>MATH 1330</th>
<th>MATH 1431</th>
<th>MATH 1432</th>
<th>MATH 2331</th>
<th>MATH 2433</th>
</tr>
</thead>
</table>

### Pick 2
You will need up to 6 hours of 3000-level MATH.

<table>
<thead>
<tr>
<th>MATH 3321</th>
<th>MATH 3325</th>
<th>MATH 3330</th>
<th>MATH 3331</th>
<th>MATH 3333</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 3334</td>
<td>MATH 3335</td>
<td>MATH 3336</td>
<td>MATH 3338</td>
<td>MATH 3339</td>
</tr>
<tr>
<td>MATH 3340</td>
<td>MATH 3363</td>
<td>MATH 3379</td>
<td></td>
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</tbody>
</table>

### Pick 1
You must have 3 hours of 4000-level MATH.

<table>
<thead>
<tr>
<th>MATH 4309</th>
<th>MATH 4310</th>
<th>MATH 4315</th>
<th>MATH 4320</th>
<th>MATH 4331</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 4350</td>
<td>MATH 4355</td>
<td>MATH 4362</td>
<td>MATH 4364</td>
<td>MATH 4377</td>
</tr>
<tr>
<td>MATH 4380</td>
<td>MATH 4383</td>
<td>MATH 4388</td>
<td></td>
<td>MATH 4397 (must be petitioned)</td>
</tr>
</tbody>
</table>

### Frequently Asked Questions

**Can I use MATH coursework that is already required in my major towards the minor?**
Yes! In fact, there are several majors that have a Math minor pathway built-in. For example:

- Engineering – MATH 1431, 1432, 2433, 3321, 3363, then add a 4000-level (e.g. 4355)
- Physics – MATH 1431, 1432, 2331, 2433, 3331, 3363, 3364, then add a 4000-level (e.g. 4377)
- Computer Science – MATH 1431, 1432, 2331, 3336, 3338, 3339, then add a 4000-level (e.g. 4315)
- Biology or Finance-based – MATH 1431, 1432, 2433, 3338, 3339, then add either 4320 or 4380

**How do I decide which courses to take?**
Check the pre-requisites. Start by selecting the 4000-level course of your choice then backtrack through the required pre-requisite courses needed.

**Which Math courses do not apply to the minor?**
Examples include (but not limited to): MATH 1311, 1312, 1313, 1314, 2303, 2311, 3303/4/5/6/7, 3310.

**How do I declare the minor? What requirements are needed to declare/completion the minor?**
You declare the minor online (nsm.uh.edu/minors). You must have a 2.00 UH GPA and any one of the above courses completed at UH to declare the minor. To complete it, you must maintain a 2.00 MATH GPA.

**What if I have other questions regarding the minor?**
You may send an e-mail to a Mathematics advisor in the NSM Undergraduate Advising Center (uac.nsm.uh.edu).