

Placement advice based on ALEKS score – Fall 2024

College of Business

Below you will find a recommended placement based on your ALEKS assessment score. The ALEKS score is the primary placement tool used at Lehigh and will guide your choice of courses at registration. Feel free to consult your advisor for help.

As part of the ALEKS assessment, you also receive recommended review modules for you to practice on the topics where you have room for improvement. We strongly recommend working through them, so that you can get as well prepared as possible before starting your Fall semester Mathematics course. After working the modules, you will also get the chance to retake the assessment and try to improve your score. ***If your score on your first ALEKS attempt is below 80, then please work through the tutorial modules and make a second attempt, even if your score is above the threshold for the calculus course you hope to take.***

ALEKS score

76 and above	We recommend taking MATH 021 or MATH 081. Both are suitable for your degree. Please consult your advisor with any questions on which one may align best with your curriculum plan. <i>(If your score is under 80, we strongly recommend you keep practicing with the review modules).</i>
70 – 75	We recommend taking MATH 081, or you may work on the recommended modules to try and improve your score to become eligible for MATH 021. You may take MATH 095/096 as seats permit. MATH 095/096 is a slower paced course over one year that meets the requirements for MATH 081.
65 – 69	We recommend working through the preparation modules in ALEKS to better prepare yourself to enroll in MATH 081. If your scores do not improve, we recommend taking MATH 095 Calculus with Business Applications I, Part A. MATH 095 (and its follow-up MATH 096 in Spring) will provide a slower paced experience with additional review that will take you to the equivalent of MATH 081 in one year as opposed to one semester. If you prefer to take MATH 081, you are able to do so, but highly recommend working through the ALEKS modules to improve your score and prepare you for MATH 081 at this pace.
60 – 64	We recommend working through the preparation modules to better prepare yourself to enroll in MATH 081 or MATH 095- Part A. If your scores do not improve from this range, you will be eligible to take MATH 005 (fall 2024 version only) or MATH 000. Either MATH 005 (fall 2024 version only) or MATH 000 would be an appropriate preparation course that will get you ready to succeed in MATH 081.
59 and below	We recommend working through the preparation modules to better prepare yourself for MATH 081, MATH 095 or MATH 005. If your

scores do not improve from this range, you are eligible to take MATH 000. The 2 credits of MATH 000 go towards your semester enrollment and prepare you for MATH 081, but are not degree bearing credits.

In any case, if your score is close to the lower end of the range, take advantage of the Learning Modules in ALEKS and try to improve your score. Also consult your advisor to decide which class is the most suitable for you.

P.C. Rossin College of Engineering and Applied Science (includes Arts and Engineering (AE), Computer Science and Business (CSB), Integrated Business and Engineering (IBE) and IDEAS Interdisciplinary programs).

Below you will find a recommended placement based on your ALEKS assessment score. The ALEKS score is the primary placement tool used at Lehigh and will guide your choice of courses at registration. Feel free to consult your advisor for help. Feel free to consult the RCEAS Advising Team if you have any questions.

As part of the ALEKS assessment, you also receive recommended review modules for you to practice on the topics where you have room for improvement. We strongly recommend working through them, so that you can get as well prepared as possible before starting your Fall semester Mathematics course. After working the modules, you will also get the chance to retake the assessment and try to improve your score.

ALEKS score

76 and above	We recommend taking MATH 021. <i>(If your score is under 80, we strongly recommend you keep practicing with the review modules).</i>
61 – 75	We recommend taking MATH 075. Your score indicates that your level of preparation may not be ideal for MATH 021. MATH 075 (and its follow-up MATH 076) will provide a slower paced experience with additional reviews that will take you to the equivalent of MATH 021 in one year as opposed to one semester. If you would like to take MATH 021, work out the recommended modules to try and improve your score. <i>(If your score is under 68, we strongly recommend you keep practicing with the review modules).</i>
55 – 60	We recommend taking MATH 005 (fall 2024 version only) or MATH 000. We believe that your level of preparation is not sufficient to perform well in MATH 021 or MATH 075. Either MATH 005 (fall 2024 version only) or MATH 000 would be an appropriate preparation course to get you ready to succeed in MATH 021.
54 and below	We recommend taking MATH 000. We believe that your level of preparation is not sufficient to perform well in MATH 021 or MATH 075 or MATH 005 (fall 2024 version only). MATH 000 would be an appropriate preparation course to get you ready to succeed in MATH 021.

In any case, if your score is close to the lower end of the range, take advantage of the Learning Modules in ALEKS and try to improve your score. Also consult your advisor to decide which class is the most suitable for you.

College of Arts and Sciences

Below you will find a recommended Calculus placement based on your ALEKS assessment score and major area of interest. The ALEKS score is the primary Calculus placement tool used at Lehigh and will guide your choice of courses at registration. **Feel free to consult the CAS Advising Team if you have any questions via inadvise@lehigh.edu.** As a reminder, not every major in the CAS requires Calculus. Please refer to the [online catalog](#) or this summary of [Math requirements by major](#).

As part of the ALEKS assessment, you also receive recommended review modules for you to practice on the topics where you have room for improvement. We strongly recommend working through them, so that you can get as well prepared as possible before starting your Fall semester Mathematics course. After working the modules, you will also get the chance to retake the assessment and try to improve your score.

Please find advice below for:

[Mathematics and Natural Science Majors](#)

[Pre-Med, Biological Sciences, and Architecture Majors](#)

[Social Science and Interdisciplinary Majors](#)

[Arts and Humanities Majors](#)

Mathematics and Natural Sciences Majors

Majors that require MATH 021: Calculus I: Astronomy (BA), Astrophysics (BS), Chemistry (BS), Computer Science (BA & BS), Mathematics (BA & BS), and Physics (BA & BS)

Please note: MATH 021: Calculus I OR MATH 051: Survey of Calculus I is acceptable for majors in Biology (BA & BS), Chemistry (BA), Earth & Environmental Science (BS), Biochemistry, Molecular & Cellular Biology (BA & BS), Neuroscience (BA & BS), Pharmaceutical Chemistry (BS), and Statistics & Data Science (BA & BS)

ALEKS score

76 and above

We recommend taking MATH 021. *(If your score is under 80, we strongly recommend you keep practicing with the review modules).*

61 – 75

We recommend taking MATH 075. Your score indicates that your level of preparation may not be ideal for MATH 021. MATH 075 (and its follow-up MATH 76) will provide a slower paced experience with additional reviews that will take you to the equivalent of MATH 021 in one year as opposed to one semester. If you would like to take MATH 021, work out the recommended modules to try and improve your score. *(If your score is under 68, we strongly recommend you keep practicing with the review modules).*

60 and below

We recommend taking MATH 005 (fall 2024 version only) or MATH 000. We believe that your level of preparation is not sufficient to perform well in MATH 021 or MATH 075. Either MATH 005 (fall 2024

version only) or MATH 000 would be an appropriate preparation course to get you ready to succeed in MATH 021.

In any case, if your score is close to the lower end of the range, take advantage of the Learning Modules in ALEKS and try to improve your score. Also consult your advisor to decide which class is the most suitable for you.

Pre-Med, Biological Sciences, and Architecture Majors

Please note: MATH 021: Calculus I OR MATH 051: Survey of Calculus I is acceptable for majors in Biology (BA & BS), Chemistry (BA), Earth & Environmental Science (BS), Biochemistry, Molecular & Cellular Biology (BA & BS), Neuroscience (BA & BS), Pharmaceutical Chemistry (BS), and Statistics & Data Science (BA & BS)

Calculus is recommended for Architecture majors intending to pursue graduate studies.

ALEKS score

76 and above

We recommend taking MATH 021 or MATH 051 depending on your curriculum plan. Please consult with your advisor once on campus if you need any advice. *(If your score is under 80, we strongly recommend you keep practicing with the review modules).*

61 – 75

We recommend taking MATH 051 or MATH 075 depending on your curriculum plan. Your score indicates that your level of preparation may not be ideal for MATH 021. If you would like to take MATH 021, work out the recommended modules to try and improve your score. *(If your score is under 68, we strongly recommend you keep practicing with the review modules).*

60 and below

We recommend taking MATH 005 (fall 2024 version only) or MATH 000. We believe that your level of preparation is not sufficient to perform well in MATH 021, MATH 075, or MATH 051. Either MATH 005 (fall 2024 version only) or MATH 000 would be an appropriate preparation course to get you ready to succeed in MATH 051 or MATH 021.

In any case, if your score is close to the lower end of the range, take advantage of the Learning Modules in ALEKS and try to improve your score. Also consult your advisor to decide which class is the most suitable for you.

Social Science and Interdisciplinary majors

Please note that only a few of the Social Science or Interdisciplinary majors require Calculus, and you may want to consider a different class, such as **MATH 005: Intro to Mathematical Thought**, **MATH 012: Basic Statistics**, or **MATH 043: Survey of Linear Algebra**. Please refer to the [online catalog](#) or this summary of [Math requirements by major](#).

Majors that require Calculus I (MATH 021: Calculus I, MATH 051: Survey of Calculus I) include Economics (BA & BS), Cognitive Science (BS), and Joint International Relations & Economics (BA). Calculus is an option for BS Psychology.

ALEKS score

76 and above	If you intend to take Calculus, we recommend MATH 021 or MATH 051 depending on your curriculum plan. (See also note above.) Please consult with your advisor once on campus if you need any advice. <i>(If your score is under 80, we strongly recommend to keep practicing with the review modules).</i>
61 – 75	If you intend to take Calculus, we recommend taking MATH 051 or MATH 075 depending on your curriculum plan. Your score indicates that your level of preparation may not be ideal for MATH 021. If you would like to take MATH 021, work out the recommended modules to try and improve your score. (See also note above.) <i>(If your score is under 68, we strongly recommend to keep practicing with the review modules).</i>
60 and below	If you intend to take Calculus, we recommend first taking MATH 005 (fall 2024 version only) or MATH 000. We believe that your level of preparation is not sufficient to perform well in MATH 021, MATH 075, or MATH 051. Either MATH 005 (fall 2024 version only) or MATH 000 would be an appropriate preparation course to get you ready to succeed in MATH 051 or MATH 021.

In any case, if your score is close to the lower end of the range, take advantage of the Learning Modules in ALEKS and try to improve your score. Also consult your advisor to decide which class is the most suitable for you.

Arts and Humanities Majors

Majors in Arts and Humanities (except for Architecture) do not require Calculus and you may want to consider a different class, such as MATH 005: Intro to Mathematical Thought, MATH 012: Basic Statistics, or MATH 043: Survey of Linear Algebra. If you intend to take Calculus even if it's not required, refer to the recommendation above for Social Science majors.

College of Health

Note that the only College of Health major that *requires* Calculus is Biostatistics & Health Data Science. Regardless of your major, if you intend to pursue a pre-med/clinical path (what Lehigh calls “pre-health”), you may need to take Calculus to meet pre-health (medical/PA, etc.) prerequisites. If you do not intend to take Calculus, you **do not** need to take the ALEKS Placement Assessment.

If you intend to take Calculus, you will find a recommended placement based on your ALEKS assessment score below. The ALEKS score is the primary placement tool used at Lehigh and will guide your choice of courses at registration. Feel free to consult your advisor for help. Feel free to consult the College of Health Advising Team if you have any questions.

As part of the ALEKS assessment, you also receive recommended review modules for you to practice on the topics where you have room for improvement. We strongly recommend working through them, so that you can get as well prepared as possible before starting your Fall semester Mathematics course. After working the modules, you will also get the chance to retake the assessment and try to improve your score.

ALEKS score

76 and above	If you intend to take Calculus because of pre-health requirements, we recommend MATH 051. If you are interested in majoring in Biostatistics & Health Data Science, we recommend MATH 051 or MATH 021 (See also note above.) Please consult with your advisor once on campus if you need any advice. <i>(If your score is under 80, we strongly recommend you keep practicing with the review modules).</i>
61 – 75	We recommend taking MATH 051 or MATH 075 depending on your curriculum plan. Your score indicates that your level of preparation may not be ideal for MATH 021. If you would like to take MATH 021, work out the recommended modules to try and improve your score. (See also note above.) <i>(If your score is under 68, we strongly recommend to keep practicing with the review modules).</i>
60 and below	If you intend to take Calculus, we recommend first taking MATH 005 (fall 2024 version only) or MATH 000. We believe that your level of preparation is not sufficient to perform well in MATH 021, MATH 075, or MATH 051. Either MATH 005 (fall 2024 version only) or MATH 000 would be an appropriate preparation course to get you ready to succeed in MATH 051 or MATH 021.

In any case, if your score is close to the lower end of the range, take advantage of the Learning Modules in ALEKS and try to improve your score. Also consult your advisor to decide which class is the most suitable for you.