

2023-2024 Catalog

Pre-Anesthesiologist Assistant

Track

Academic Department

Health Professions Advising Center

Total Credits 46-50

Biology

| Item # | Course Title | | Credits |
|---|--|----------------------------------|---------|
| <input type="checkbox"/> BIOL 1351 | Introduction to Population Biology and Evolution | BIOL 1351 Corequisite: BIOL 1151 | 3 |
| <input type="checkbox"/> BIOL 1151 | Introduction to Biology Practicum | BIOL 1151 Corequisite: BIOL 1351 | 1 |
| <input type="checkbox"/> BIOL 1352 | Introduction to Cell and Molecular Biology | BIOL 1352 Corequisite: BIOL 1152 | 3 |
| <input type="checkbox"/> BIOL 1152 | Basic Lab Techniques in Biology | BIOL 1152 Corequisite: BIOL 1352 | 1 |
| <input type="checkbox"/> BIOL 2445 | Human Anatomy and Physiology I | | 4 |
| <input type="checkbox"/> (BIOL/CHEM 3334) Biochemistry | | | 3 |

Chemistry

Must take in order:

| Item # | Course Title | | Credits |
|------------------------------------|---------------------------------|--|---------|
| <input type="checkbox"/> CHEM 1341 | General Chemistry I | CHEM 1341 Corequisite: CHEM 1141 | 3 |
| <input type="checkbox"/> CHEM 1141 | General Chemistry I Laboratory | CHEM 1141 Corequisite: CHEM 1341 | 1 |
| <input type="checkbox"/> CHEM 1342 | General Chemistry II | CHEM 1342 Prerequisite (C or better): CHEM 1341/1141. Corequisite: CHEM 1142 | 3 |
| <input type="checkbox"/> CHEM 1142 | General Chemistry II Laboratory | CHEM 1142 Corequisite: CHEM 1342 | 1 |
| <input type="checkbox"/> CHEM 2343 | Organic Chemistry I | CHEM 2343 Prerequisite: CHEM 1342/1142; Corequisite: CHEM 2143. | 3 |
| <input type="checkbox"/> CHEM 2143 | Organic Chemistry I Laboratory | CHEM 2143 Corequisite: CHEM 2343 | 1 |

Chemistry Additional Courses

These courses are preferred but not required.

| Item # | Course Title | Credits |
|------------------------------------|---|---------|
| <input type="checkbox"/> CHEM 3333 | Organic Chemistry II CHEM 3333 Prerequisite: CHEM 2343/2143; Corequisite: CHEM 3133. | 3 |
| <input type="checkbox"/> CHEM 3133 | Organic Chemistry II Laboratory CHEM 3133 Corequisite: CHEM 3333 | 1 |

Physics

Choose one pair of courses:

| Item # | Course Title | Credits |
|--|--------------|---------|
| <input type="checkbox"/> University Physics I & II w/ Labs | | |
| <input type="checkbox"/> General Physics I & II w/ lab | | |

Statistics

Choose one of the following:

| Item # | Course Title | Credits |
|------------------------------------|---|---------|
| <input type="checkbox"/> MATH 2435 | Introduction to Statistical and Quantitative Analysis | 4 |
| <input type="checkbox"/> MATH 3450 | Biostatistics I | 4 |
| <input type="checkbox"/> PSYC 3433 | Foundations of Statistical Analysis | 4 |

Calculus

| Item # | Course Title | Credits |
|------------------------------------|--|---------|
| <input type="checkbox"/> MATH 1431 | Calculus I MATH 1431 Prerequisite: MATH 1430 or department consent. | 4 |

English

| Item # | Course Title | Credits |
|------------------------------------|---|---------|
| <input type="checkbox"/> ENGL 1341 | The Classical Tradition: Literature & Composition I | 3 |

REQUIREMENTS FOR CONSIDERATION INTO UST-CASE WESTERN RESERVE UNIVERSITY (CWRU) ARTICULATION AGREEMENT PROGRAM

- Undergraduate students must be working towards or have earned a Bachelor's degree at UST and have completed at least 40 credits at UST from the requirements course list*
- Post-baccalaureate students must complete at least 40 credits at UST from the requirements course list*
- Obtain a 3.25 cumulative GPA

- Obtain a **B- or above on all prerequisite courses**
- Obtain a B- or above on all non-prerequisite courses (**any C grade in non-prerequisite courses must have a written explanation** submitted with the application. Any grade of D or F will disqualify the candidate from the program.
- Within 3 years of application deadline, obtain a minimum
 - MCAT score of 500 or higher OR
 - GRE score of at least: 153 Verbal, 156 Quantitative Reasoning, 4.0 Analytical Writing
- Shadowed with Anesthesiologist Assistants
- Applications interested in this program will submit a form to HPAC by April. A formal application must be submitted to CWRU by August 1 once approved by HPAC.
- All application documents, including Altus Suite, must be submitted to CWRU Master's in Anesthesia Program by August 1.
- Students that do not meet the above criteria, can still apply on their own to CWRU or other Anesthesiologist Assistant Programs

* All courses must be taken within 7 years of application deadline. An MCAT score of 500+ waives the time-limit on prerequisite courses

For the CWRU/UST program, the following courses **MUST** be taken at UST within 5 years of application deadline:

1. A&P I
2. Biochemistry

Contact your HPAC advisor if you have any questions.