

# PRE-MEDICINE

Students intending to apply to a graduate medical program would be best prepared by completing a Biochemistry (<http://catalog.csp.edu/archive/2021-2022/undergraduate/majors/biochemistry-bs-traditional/>) B.S. (<http://catalog.csp.edu/archive/2021-2022/undergraduate/majors/chemistry-ba-traditional/>) or a Biology B.S. (<http://catalog.csp.edu/archive/2021-2022/undergraduate/majors/biology-bs-traditional/>)

| Code | Title | Credits |
|------|-------|---------|
|------|-------|---------|

These are the generally required courses for entrance into medical school.<sup>1</sup>

## Biology with lab (1 year)

|         |                       |  |
|---------|-----------------------|--|
| BIO 120 | General Biology I (4) |  |
|---------|-----------------------|--|

|         |                        |  |
|---------|------------------------|--|
| BIO 130 | General Biology II (4) |  |
|---------|------------------------|--|

## General Chemistry with lab (1 year)

|         |                         |  |
|---------|-------------------------|--|
| CHE 115 | General Chemistry I (4) |  |
|---------|-------------------------|--|

|         |                          |  |
|---------|--------------------------|--|
| CHE 116 | General Chemistry II (4) |  |
|---------|--------------------------|--|

## Organic Chemistry with lab (1 year)

|         |                         |  |
|---------|-------------------------|--|
| CHE 221 | Organic Chemistry I (4) |  |
|---------|-------------------------|--|

|         |                          |  |
|---------|--------------------------|--|
| CHE 222 | Organic Chemistry II (4) |  |
|---------|--------------------------|--|

## Physics with lab (1 year)

|         |   |  |
|---------|---|--|
| PHS 112 | Introductory Physics for Biological and Health Sciences I (4) |  |
|---------|---|--|

or PHS 221 General Physics I (Calc Based) (4)

|         |  |  |
|---------|--|--|
| PHS 113 | Introductory Physics for Biological and Health Sciences II (4) |  |
|---------|--|--|

or PHS 222 General Physics II (Calc Based) (4)

## Biochemistry

|         |                    |  |
|---------|--------------------|--|
| CHE 328 | Biochemistry I (4) |  |
|---------|--------------------|--|

## Statistics

|         |  |  |
|---------|--|--|
| MAT 110 | Introduction to Probability and Statistics (3) |  |
|---------|--|--|

## Math (Calculus Recommended)

|         |                |  |
|---------|----------------|--|
| MAT 135 | Calculus I (4) |  |
|---------|----------------|--|

## Other Recommended Courses

|         |                                    |  |
|---------|------------------------------------|--|
| BIO 315 | Human Anatomy and Physiology I (4) |  |
|---------|------------------------------------|--|

|         |                                     |  |
|---------|-------------------------------------|--|
| BIO 316 | Human Anatomy and Physiology II (4) |  |
|---------|-------------------------------------|--|

|         |                         |  |
|---------|-------------------------|--|
| BIO 440 | Human Gross Anatomy (4) |  |
|---------|-------------------------|--|

|         |                  |  |
|---------|------------------|--|
| BIO 300 | Microbiology (4) |  |
|---------|------------------|--|

|         |                |  |
|---------|----------------|--|
| BIO 430 | Immunology (4) |  |
|---------|----------------|--|

Other recommended courses include Ethics, Psychology, Sociology, and a foreign language. Please speak with your faculty mentor regarding the specific courses to take at Concordia.

<sup>1</sup> Students should look into specific requirements for each school they plan to apply to.