

ACADEMIC ROADMAP
Dentistry
Preparing for the DAT

Freshman Year

| FIRST SEMESTER | | |
|-----------------------------------|-----------------------|------------------------|
| Course Title | Catalog Number | Prerequisite(s) |
| Foundations of Biology | BIO 111 | |
| Fundamentals of Chemistry 1 + lab | CHE111/113 | |
| College Writing I | CWP 101 | |
| GE 23 social science | PSY 101 | |
| Major course | | |

| SECOND SEMESTER | | |
|------------------------------------|-----------------------|------------------------|
| Course Title | Catalog Number | Prerequisite(s) |
| Introductory Biology Series | BIO 211 or 213 | BIO 111 (C or better) |
| Fundamentals of Chemistry II + lab | CHE112/114 | CHE 111/113 |
| Major course | | |
| GE 23 Diversity | EXE 100 | |
| College Writing II | CWP 102 | |

Notes: Follow the Chemistry sequence through CHE 470 (taught only in fall)

Sophomore Year

| THIRD SEMESTER | | |
|-----------------------------|-----------------------|------------------------|
| Course Title | Catalog Number | Prerequisite(s) |
| Introductory Biology Series | BIO 211 or 213 | BIO 111 (C or better) |
| Organic Chemistry I + Lab | CHE 201/203 | CHE 112/114 |
| GE 23 Math | MAT 311 | |
| Major course / GE 23 | | |
| Major course / GE 23 | | |
| Major course GE 23 | | |

| FOURTH SEMESTER | | |
|----------------------------|-----------------------|------------------------------|
| Course Title | Catalog Number | Prerequisite(s) |
| Microbiology | BIO 316 | BIO 211, 213 and CHE 111/113 |
| Organic Chemistry II + Lab | CHE 202/204 | CHE 201/203 |
| Major course / GE 23 | | |
| Major course / GE 23 | | |
| Major course / GE 23 | | |

Notes: Meet with a pre-health advisor. Investigate Dental Schools

[Link to list of dental schools](#)

While generally not required check your programs for calculus requirement. Applied Calculus I (MAT 126) (prerequisites are MAT 114 and MAT 124) and Applied Calculus II (MAT 127)

[Dental school requirements](#)

Junior Year

| FIFTH SEMESTER | | |
|--|--------------------------|------------------------|
| Course Title | Catalog Number | Prerequisite(s) |
| Biochemistry | CHE 470 | CHE 202/204 |
| College Physics I or University Physics II | PHY 107 or PHY 111 | |
| Developmental Psychology | PSY 355 | PSY 101 |
| Major course / GE 23 | | |
| Major course / GE 23 | | |

| SIXTH SEMESTER | | |
|---|--------------------------|--------------------------|
| Course Title | Catalog Number | Prerequisite(s) |
| Genetics | BIO 303 | |
| College Physics II or University Physics II | PHY 108 or PHY 112 | PHY 107 or PHY 111 |
| Major course / GE 23 | | |
| Major course / GE 23 | | |
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Notes:

Senior Year

| SEVENTH SEMESTER | | |
|--|-----------------------|------------------------|
| Course Title | Catalog Number | Prerequisite(s) |
| Biochemistry (if not taken previously) | CHE 470 | |
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| EIGHTH SEMESTER | | |
|------------------------|-----------------------|------------------------|
| Course Title | Catalog Number | Prerequisite(s) |
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Notes: