

MICROBIOLOGY (60 Credits)**Guided Pathway: Associate of Arts****Concentration: Microbiology (FULL TIME).**For more information, visit www.fgc.edu and your academic advisor.

Meta-major: STEM

University Transfer: **UF, USF**

The **Associate of Arts** degree is a collegiate degree program consisting of lower-division courses intended for transfer to baccalaureate programs at the universities listed aboveⁱⁱ. This plan is for those who are interested in earning a baccalaureate degree in **Microbiology**.

This is the sequence of courses for students interested in majoring in **Microbiology** at one of the universities listed above. It does not represent a contract, nor does it guarantee course availability or entry into your university of choice. This pathway presents classes needed for your baccalaureate degree in **Microbiology**. Courses that complete the degree are listed below. As always, visit your academic advisor each semester to help you keep on track for graduation.

Note: All AA degrees must satisfy the Foreign Language requirement for graduation. Please see catalog**FULL-TIME
Pathway****SEMESTER BY SEMESTER MAP FOR FULL-TIME STUDENTS**

| SEMESTER 1 | ACTION ITEMS |
|--|---|
| ENC 1101 – Freshman Composition I ^{iv} (Communication core) | <ul style="list-style-type: none">Meet with your advisor to confirm academic and career goals by the end of the semester.REQUIRED: Complete the <i>Computer Competency course</i> within Canvas.Signup for and pass the Florida Civic Literacy Exam.Consult your advisor to make sure you have met <i>the Foreign Language requirement</i>.At the end of the semester, begin research on college and universities where you want to seek to transfer. Meet with a career advisor/coach to research your career options with a degree in <i>Microbiology</i>.Remember to start collecting artifacts from your courses for your Academic & Career Portfolio in SLS 2370.Begin applying for Financial Aid and Scholarships<ul style="list-style-type: none">You can start the FAFSA in October for the next academic year. (i.e., in October 2023, you can complete the FAFSA for if you plan to register for classes at a college or university Fall 2024) |
| Choose one: AMH 2020 – US History from 1865 OR POS 1041 – American Government ^{iv} (Social Science & civic literacy) | |
| MAC 1105 – College Algebra (Mathematics core) | |
| Choose one: PSY 2012 – General Psychology OR SYG 1000 – Introduction to Sociology OR SYG 2300 – Introduction to Social Psychology OR Any DEP or ECO course (Social Science) ^{iv} | |
| CHM 2045/L – General Chemistry I/Lab (Physical Science) (4 cr) | |
| TOTAL SEMESTER CREDIT HOURS: 16 | |
| SEMESTER 2 | ACTION ITEMS |
| Choose one: ENC 1102 – Freshman Composition II OR CRW 2001 – Creative Writing OR ENC 1141 – Writing about Literature ^{iv} (Communication) | <ul style="list-style-type: none">Meet with your advisor to confirm or update your academic/career pathway and program of study.Ask about transfer advising to discuss options to pursue the bachelor's degree.Continue collecting artifacts from courses for your Academic & Career Portfolio in SLS 2370. |
| MAC 2233 – Survey of Calculus ^{iv} (Mathematics Core) (4 cr) | |
| Choose one: MUL 1010 – Music Appreciation OR THE 2000 – Theatre Appreciation OR ARH 1000 – Art Appreciation OR HUM 2020 – Introduction to Humanities ^{iv} (Humanities core) | |
| CHM 2046/L – General Chemistry II/Lab ^{iv} (Elective Prerequisite) (4 cr) | |
| TOTAL SEMESTER CREDIT HOURS: 14 | |
| SEMESTER 3 | ACTION ITEMS |
| SLS 2370 – Personal Academic & Career Engagement ^{iv} (3rd Soc Sci) | <ul style="list-style-type: none">Begin applying to your top choice universities.Begin applying for Financial Aid and Scholarships.<ul style="list-style-type: none">You can start the FAFSA in October for the next academic year. (i.e., in October 2023, you can complete the FAFSA for if you plan to register for classes at a college or university Fall 2024)Check with your advisor for important deadlines and dates. |
| STA 2023 – Elementary Statistics ^{iv} (Elective Prerequisite) | |
| CHM 2210/L – Organic Chemistry I/Lab ^v (Elective Prerequisite) (4 cr) | |
| Choose one: SPC 2608 – Public Speaking OR SPC 1017 – Oral Communications OR SPC 1061 – Introduction to Academic and Professional Speaking ^{iv} (Communications) | |
| BSC 2010C – General Biology I with Lab (Biological Science Core) (4 cr) | |
| TOTAL SEMESTER CREDIT HOURS: 17 | |

| SEMESTER 4 | ACTION ITEMS |
|---|--|
| Choose one: LIT 2000 – Introduction to Literature OR Any general education AML, ENL, LIT, PHI or REL courses (Humanities) ^{iv} | <ul style="list-style-type: none">After reviewing your final program of study, apply for Graduation.<ul style="list-style-type: none">Meet with your advisor to apply for the degree.Sign up for commencement.Request final transcripts to be sent to the college or university to where you will transfer.Congratulations, graduate! |
| BSC 2011C – General Biology II with Lab (Elective Prerequisite) (4 cr) | |
| CHM 2211/L – Organic Chemistry II/Lab ^{vi} (Elective Prerequisite) (4 cr) | |
| MCB 2010/L – Microbiology/Lab (Elective) (4 cr) | |
| TOTAL SEMESTER CREDIT HOURS: 15 | |
| AAMB DEGREE MINIMUM: 60 SEMESTER CREDIT HOURS PATHWAY TOTAL: 62 CREDIT HOURS | |

ⁱ Degree plans may change in later catalogs. You may use this pathway if you entered the college on or before this date.

ⁱⁱ Students must earn at least 25% of the credit hours (15 hours) required for graduation through instruction by FGC to award the degree.

ⁱⁱⁱ This is not an official degree plan. For official degree requirements, [click here](#).

^{iv} You must earn a grade of "C" or better in all Gordon Rule classes.

^v This course is only offered in the fall term

^{vi} This course is only offered in the spring term.

MICROBIOLOGY (60 Credits)**Guided Pathway: Associate of Arts****Concentration: Microbiology (PART TIME).**For more information, visit www.fgc.edu and your academic advisor.

Meta-major: STEM

University Transfer: **UF, USF**

The **Associate of Arts** degree is a collegiate degree program consisting of lower-division courses intended for transfer to baccalaureate programs at the universities listed aboveⁱⁱ. This plan is for those who are interested in earning a baccalaureate degree in **Microbiology**.

This is the sequence of courses for students interested in majoring in **Microbiology** at one of the universities listed above. It does not represent a contract, nor does it guarantee course availability or entry into your university of choice. This pathway presents classes needed for your baccalaureate degree in **Microbiology**. Courses that complete the degree are listed below. As always, visit your academic advisor each semester to help you keep on track for graduation.

Note: All AA degrees must satisfy the Foreign Language requirement for graduation. Please see catalog**SEMESTER BY SEMESTER MAP FOR PART-TIME STUDENTS****PART-TIME
Pathway**

| SEMESTER 1 | | ACTION ITEMS | |
|--|--|--|--|
| ENC 1101 – Freshman Composition I ^{iv} (Communication core) | | <ul style="list-style-type: none">Meet with your advisor to confirm academic and career goals by the end of the semester.Remember to start collecting artifacts from your courses for your Academic & Career Portfolio in SLS 2370.REQUIRED: Complete the Computer Competency course within Canvas.Consult your advisor to make sure you have met the Foreign Language requirement.Begin applying for Financial Aid and Scholarships<ul style="list-style-type: none">You can start the FAFSA in October for the next academic year. (i.e., in October 2023, you can complete the FAFSA for if you plan to register for classes at a college or university Fall 2024) | |
| MAC 1105 – College Algebra ^{iv} (Mathematics core) | | | |
| TOTAL SEMESTER CREDIT HOURS: 6 | | | |
| SEMESTER 2 | | ACTION ITEMS | |
| Choose one: AMH 2020 – US History from 1865 OR POS 1041 – American Government ^{iv} (Social Science & civic literacy) | | <ul style="list-style-type: none">At the end of the semester, begin research on college and universities where you want to seek to transfer. Meet with a career advisor/coach to research your career options with a degree in Microbiology.Signup for and pass the Florida Civic Literacy Exam.Continue collecting artifacts from courses for your Academic & Career Portfolio in SLS 2370. | |
| Choose one: ENC 1102 – Freshman Composition II OR CRW 2001 – Creative Writing OR ENC 1141 – Writing about Literature ^{iv} (Communication) | | | |
| MAC 2233 – Survey of Calculus ^{iv} (Mathematics Core) (4 cr) | | | |
| TOTAL SEMESTER CREDIT HOURS: 10 | | | |
| SEMESTER 3 | | ACTION ITEMS | |
| STA 2023 – Elementary Statistics ^{iv} (Elective Prerequisite) | | <ul style="list-style-type: none">Meet with your advisor to confirm or update your academic/career pathway and program of study.Continue collecting artifacts from courses for your Academic & Career Portfolio in SLS 2370.Begin applying for Financial Aid and Scholarships<ul style="list-style-type: none">You can start the FAFSA in October for the next academic year. (i.e., in October 2023, you can complete the FAFSA for if you plan to register for classes at a college or university Fall 2024) | |
| Choose one: MUL 1010 – Music Appreciation OR THE 2000 – Theatre Appreciation OR ARH 1000 – Art Appreciation OR HUM 2020 – Introduction to Humanities ^{iv} (Humanities core) | | | |
| | | | |
| TOTAL SEMESTER CREDIT HOURS: 6 | | | |
| SEMESTER 4 | | ACTION ITEMS | |
| CHM 2045/L – General Chemistry I/Lab (Physical Science) (4 cr) | | <ul style="list-style-type: none">Meet with your advisor and ask about transfer advising to discuss options to pursue the bachelor's degree.Continue collecting artifacts from courses for your Academic & Career Portfolio in SLS 2370. | |
| Choose one: PSY 2012 – General Psychology OR SYG 1000 – Introduction to Sociology OR SYG 2300 – Introduction to Social Psychology OR Any DEP or ECO course (Social Science) ^{iv} | | | |
| TOTAL SEMESTER CREDIT HOURS: 7 | | | |

| SEMESTER 5 | ACTION ITEMS |
|--|--|
| CHM 2046/L – General Chemistry II/Lab ^{iv} (Elective Prerequisite) (4 cr) | <ul style="list-style-type: none">Meet with your advisor to confirm academic and career goals by the end of the semester.Meet with a career advisor/coach to research your career options.Continue collecting artifacts from your courses for your Academic & Career Portfolio in SLS 2370.Begin applying for Financial Aid and Scholarships<ul style="list-style-type: none">You can start the FAFSA in October for the next academic year. (i.e., in October 2023, you can complete the FAFSA for if you plan to register for classes at a college or university Fall 2024) |
| SLS 2370 – Personal Academic & Career Engagement ^{iv} (3rd Soc Sci) | |
| TOTAL SEMESTER CREDIT HOURS: 8 | |
| SEMESTER 6 | ACTION ITEMS |
| BSC 2010C – General Biology I with Lab (Biological Science Core) (4 cr) | <ul style="list-style-type: none">Meet with your advisor to confirm or update your academic/career pathway and program of study. |
| Choose one: LIT 2000 – Introduction to Literature OR Any general education AML, ENL, LIT, PHI or REL courses (Humanities) ^{iv} | |
| Choose one: SPC 2608 – Public Speaking OR SPC 1017 – Oral Communications OR SPC 1061 – Introduction to Academic and Professional Speaking ^{iv} (Communications) | |
| TOTAL SEMESTER CREDIT HOURS: 9 | |
| SEMESTER 7 | ACTION ITEMS |
| BSC 2011C – General Biology II with Lab (Elective Prerequisite) (4 cr) | <ul style="list-style-type: none">Begin applying to your top choice universities.Begin applying for Financial Aid and Scholarships<ul style="list-style-type: none">You can start the FAFSA in October for the next academic year. (i.e., in October 2023, you can complete the FAFSA for if you plan to register for classes at a college or university Fall 2024)Check with your advisor for important deadlines and dates |
| CHM 2210/L – Organic Chemistry I/Lab ^v (Elective Prerequisite) (4 cr) | |
| TOTAL SEMESTER CREDIT HOURS: 8 | |
| SEMESTER 8 | ACTION ITEMS |
| CHM 2211/L – Organic Chemistry II/Lab ^v (Elective Prerequisite) (4 cr) | <ul style="list-style-type: none">After reviewing your final program of study, apply for Graduation.<ul style="list-style-type: none">Meet with your advisor to apply for your degree.Sign up for commencement.Request final transcripts to be sent to the college or university to where you will transfer.Congratulations, graduate! |
| MCB 2010/L – Microbiology/Lab (Elective) (4 cr) | |
| TOTAL SEMESTER CREDIT HOURS: 8 | |
| AAMB DEGREE MINIMUM: 60 SEMESTER CREDIT HOURS PATHWAY TOTAL: 62 CREDIT HOURS | |

ⁱ Degree plans may change in later catalogs. You may use this pathway if you entered the college on or before this date.

ⁱⁱ Students must earn at least 25% of the credit hours (15 hours) required for graduation through instruction by FGC to award the degree.

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^{iv} You must earn a grade of "C" or better in all Gordon Rule classes.

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