

Medical Assisting - AAS



2024-25

Program map for Medical Assisting Associate in Applied Science (AAS)

Students develop knowledge and skills necessary for employment in clinical and administrative-support areas of medical clinics. See Learning Outcomes for details.

The Lower Columbia College Medical Assisting Program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP). This assures the highest standards in a medical assisting curriculum and qualifies the successful graduate to sit for the national Certified Medical Assistant (CMA) exam administered by the American Association of Medical Assistants (AAMA).

See also

- [Degree Requirements for Health Sciences and Wellness programs \(lowercolumbia.edu/programs/health \)](https://www.lowercolumbia.edu/programs/health/)
- [Course descriptions in LCC Catalog \(lowercolumbia.edu/publications/catalog/courses \)](https://www.lowercolumbia.edu/publications/catalog/courses/)
- [Distribution lists in LCC Catalog \(lowercolumbia.edu/publications/catalog/distribution-lists \)](https://www.lowercolumbia.edu/publications/catalog/distribution-lists/)

([lowercolumbia.edu/program-maps/health/](https://www.lowercolumbia.edu/program-maps/health/)) **Important:** Many course sequences only begin in fall quarter. Check with your program advisor.

By Quarter Overview

First Quarter

[Review Clinical Requirements for Medical Assisting \(lowercolumbia.edu/programs/health/medical-assisting/clinical-requirements \)](https://www.lowercolumbia.edu/programs/health/medical-assisting/clinical-requirements/)

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- BTEC 171: Medical Reception Procedures (3 credits)
 - ENGL 099*
 - PSYC& 100: General Psychology OR BUS144: Management of Human Relations:DIV (5 credits)
 - CS 110: Intro Microcomputer Applications (3 credits)
 - Ability to use a keyboard*
 - COLL 101: College Success (2 credits)

*Pre- and/or co-requisite(s)

Second Quarter

- ENGL& 101: English Composition 1 (5 credits)
 - *Placement OR ENGL 099**
- MEDA 101: Medical Vocabulary 1 (3 credits) or BTEC 181: Medical Terminology 1 (3 credits)
- BTEC 172: Medical Office Procedures (3 credits)
 - *BTEC 171**
- AH 114: Health Communication Skills (2 credits) or PSYC& 200: Lifespan Psychology (5 credits)
 - *For AH 114: ENGL 099 or placement into ENGL& 101**
 - *PSYC& 200: PSYC& 100**

**Pre- and/or co-requisite(s)*

Third Quarter

- BTEC 173: Computers in the Medical Office (3 credits)
 - *BTEC 172**
- MEDA 102: Medical Vocabulary II (3 credits)
 - *MEDA 101**
- MATH 105: Math for Health Sciences or any college level math course numbered 100 and above (5 credits)
 - *MATH 078/079 for MATH 105, but varies for other math courses**

Natural Science (5 credits) (Recommend NUTR&101)

**Pre- and/or co-requisite(s)*

Fourth Quarter

- MEDA 120: Survey of Anatomy and Physiology (5 credits) or BIOL& 241: Human Anatomy and Physiology I and BIOL& 242: Human Anatomy and Physiology II (10 credits)
 - *For MEDA 120: ENGL 99 or placement into ENGL& 101**
 - *For BIOL& 241: BIOL& 160, BIOL& 260 or BIOL& 222* with a grade of C or above*
 - *Note: BIOL&241 and 242 would be taken in separate quarters**
- MEDA 161: Examining Room Procedures I (4 credits)
 - *Entry into MA Program; ENGL& 101; AH 114; or PSYC&200**
- ENGL&102 Composition II (5 credits) or CMST&220 Public Speaking (5 credits)
 - *For ENGL&102: ENGL&101**

**Pre- and/or co-requisite(s)*

Fifth Quarter

- MEDA 122: Law and Ethics for the Medical Office (3 credits)
 - *ENGL& 101 OR BUS 119**
- MEDA 162: Examining Room Procedure II (4 credits)
 - *Current enrollment in MA Program; MEDA 161, MEDA 101 (or BTEC 181), MEDA 120 (or BIOL&241 and 242)**

Diversity (5 credits) (Recommend HUM 104 Ethics and Cultural Values or SOC&101 Introduction to Sociology)

HLTH 105 First Aid CPR and Bloodborne Pathogens (1 credit) or HLTH 100 Occupational Safety and Health (3 credits) (if needed)

**Pre- and/or co-requisite(s)*

Sixth Quarter

- MEDA 145: Medical Laboratory Techniques (6 credits)
 - *Current enrollment in MA program; MEDA 101 and 102 (or BTEC 181 and 182), MEDA 120 (or BIOL&241 and 242), MEDA 161, MEDA 162, HLTH 100 or 105 or BBP Certificate**
- MEDA 165: Medications in Medical Assisting and Diseases (5 credits)
 - *Current enrollment in MA program; MEDA 101 and 102 (or BTEC 181 and 182), MEDA 120 (or BIOL&241 and 242), MEDA 161, MEDA 162, HLTH 100 or 105 or BBP Certificate**

Seventh Quarter

- MEDA 190: Medical Preceptorship (6 credits)
 - *Current enrollment in MA program; completion of previous MEDA courses and program requirements**
- MEDA 195: Medical Assisting Seminar (1 credit)
 - *Current enrollment in MA program; completion previous MEDA courses and program requirements; Co-req: MEDA 190**

Elective (recommend MEDA 205 Certification Review for Medical Assisting (2 credits))

Detailed Class Sequence

1. Medical Reception Procedures

BTEC 171 (3 credits)

Pre- and/or co-requisite(s): ENGL 099

2. College Success

COLL 101 (2 credits)

3. Introduction to microcomputer applications OR Intro to Microsoft Word

CS 110 (3 credits) OR BTEC 145 (5 credits)

4. General Psychology or Management of Human Relations

DIV ; PSYC&100 (5 credits) or BUS 144 (5 credits)

5. Health Communication Skills or Lifespan Psychology

AH 114 (2 credits) or PSYC&200 (5 credits)

Pre-and/or co-requisites(s) AH 114: ENGL 099 or placement into ENGL&101; PSYCH&100 for PSYCH&200

6. Medical Office Procedures

BTEC 172 (3 credits)

Pre- and/or co-requisite(s): BTEC 171

7. English Composition I

ENGL&101 (5 credits)

Pre- and/or co-requisite(s): Placement or ENGL 99

8. Medical Vocabulary I or Medical Terminology I

MEDA 101 (3 credits) or BTEC 181 (3 credits)

9. Computers in the Medical Office

BTEC 173 (3 credits)

Pre- and/or co-requisite(s): BTEC 172

10. Natural Science (recommend Nutrition)

NUTR&101 (5 credits)

11. Math for Health Sciences

MATH 105 or Any College Level Math (5 credits)

Pre- and/or co-requisite(s): MATH 078/079 for MATH 105, but varies for other math courses

12. Medical Vocabulary II or Medical Terminology II

MEDA 102 (3 credits) or BTEC 182 (3 credits)

Pre- and/or co-requisite(s): MEDA 101 OR BTEC 181

13. English Composition II or Public Speaking

ENGL&102 (5 credits) or CMST&220 (5 credits)

Pre- and/or co-requisite(s): ENGL&101 for ENGL&102

14. Survey of Anatomy & Physiology or Human Anatomy & Physiology I and Human Anatomy & Physiology II

MEDA 120 (5 credits) BIOL&241 and BIOL&242 (10 credits)

Pre- and/or co-requisite(s): For MEDA 120: ENGL 099 or placement into ENGL& 101. For BIOL& 241: BIOL& 160, BIOL& 260 or BIOL& 222

15. Examining Room Procedures I

MEDA 161 (4 credits)

Pre- and/or co-requisite(s): Entry into MA Program; ENGL&101, AH 114 or PSYC&200

16. Diversity (recommend Ethics and Cultural Values or Introduction to Sociology)

HUM 104 (5 credits) or SOC&101 (5 credits)

17. First Aid CPR and Bloodborne Pathogens or Occupational Safety and Health (if needed)

HLTH 105 (1 credit) or HLTH 100 (3 credits)

18. Law and Ethics for the Medical Office

MEDA 122 (3 credits)

Pre- and/or co-requisite(s): ENGL&101 OR BUS 119

19. Examining Room Procedures II

MEDA 162 (4 credits)

Pre- and/or co-requisite(s): Current enrollment in MA program; MEDA 161, MEDA 101, (or BTEC 181), MEDA 120 (or BIOL&241 and 242)

20. Medical Laboratory Techniques

MEDA 145 (6 credits)

Current enrollment in MA program; MEDA 101 and 102 (or BTEC 181 and 182), MEDA 120 or (BIOL&241 and 242), MEDA 161, MEDA 162, HLTH 100 or 105 OR BBP CERTIFICATE

21. Medications in Medical Assisting and Diseases

MEDA 165 (5 credits)

Current enrollment in MA program; MEDA 101 and 102 (or BTEC 181 and 182), MEDA 120 or (BIOL&241 and 242), MEDA 161, MEDA 162, HLTH 100 or 105 OR BBP CERTIFICATE

22. Medical Preceptorship

MEDA 190 (6 credits)

Current enrollment in MA program; completion of previous MEDA courses and program requirements

23. Medical Assisting Seminar

MEDA 195 (1 credit)

Current enrollment in MA program; completion previous MEDA courses and program requirements; co-req: MEDA 190

24. Elective (recommend Certification Review for Medical Assisting)

MEDA 205 (2 credits)



Program Maps for Health Sciences and Wellness (lowercolumbia.edu/program-maps/health)

- Health and Fitness - AA-DTA (with Fitness Specialist Certificate) (lowercolumbia.edu/program-maps/health/AADTA-Health-and-Fitness)
- Medical Assisting - AAS (lowercolumbia.edu/program-maps/health/AAS-Medical-Assisting)
- Medical Assisting - AAS-T (BAS-OLTM option) (lowercolumbia.edu/program-maps/health/AAS-Medical-Assisting-BAS-OLTM-option)
- Medical Assisting - COP (lowercolumbia.edu/program-maps/health/COP-Medical-Assisting)
- Nursing - AN-DTA/MRP (LPN2RN Campus Based Opt-in Option) (lowercolumbia.edu/program-maps/health/ANDTAMRP-Nursing-LPN2RN-Campus-Based-Opt-in-Option)
- Nursing - AN-DTA/MRP (lowercolumbia.edu/program-maps/health/ANDTAMRP-Nursing)
- Nursing - AN-DTA/MRP (LPN2RN eLearning Option) (lowercolumbia.edu/program-maps/health/ANDTAMRP-Nursing-LPN2RN-eLearning)
- Nursing - Associate in Pre-Nursing APN-DTA/MRP (lowercolumbia.edu/program-maps/health/DTAMRP-Pre-Nursing)
- Nursing Assistant - COC (lowercolumbia.edu/program-maps/health/COC-Nursing-Assistant)
- Pre-Dental Hygiene - AA (lowercolumbia.edu/program-maps/health/AA-Pre-Dental-Hygiene)
- Substance Use Disorder Studies - AA/DTA (lowercolumbia.edu/program-maps/health/AADTA-Substance-Use-Disorder-Studies)
- Substance Use Disorder Studies - AAS (lowercolumbia.edu/program-maps/health/AAS-Substance-Use-Disorder-Studies)
- Substance Use Disorder Studies - AAS-T (BAS-OLTM option) (lowercolumbia.edu/program-maps/health/AAS-Substance-Use-Disorder-Studies-BAS-OLTM-option)