BS, Mathematics, General Mathematics

BS_260E

College of Arts and Sciences
Department of Mathematical Sciences
2018-2019



This four year guide is a recommended semester-by semester plan of study for this major. All four year guides are meant as examples of how a degree can be completed in four years. Individual plans will be developed for each student in consultation with the academic advisor. Prior credit, course availability, and student needs must be considered in developing the individual plan.

Shaded areas of guide require special attention.

Course Subject and Title

Credit Hours Required Requ

| | | Semes | ter One: | [15 Credit Hours] |
|--|---|--------|-----------|--|
| UCO 1200 | 3 | | | May take in fall or spring semester of first year |
| MAT 1110 | 4 | C- | х | Also meets Gen Ed Quantitative Literacy requirement; Minimum C- required as prerequisite to MAT 1120 |
| Liberal Studies Experience Course 1 | 3 | | | HS or LS or FA or SS Designation |
| Gen Ed Science Inquiry | 4 | | | |
| Gen Ed Wellness course | 1 | | | |
| | | Semes | ter Two: | [15 Credit Hours] |
| MAT 1120 | 4 | C- | Х | |
| RC 1000 | 3 | | | May take in fall or spring semester of first year |
| Gen Ed Science Inquiry | 4 | | | |
| Integrative Learning Experience (ILE) Course 1 | 3 | | | |
| Gen Ed Wellness Literacy Course | 1 | | | |
| | | Semest | er Three | : [17 Credit Hours] |
| RC 2001 | 3 | | | May take in fall or spring semester of sophomore year |
| MAT 2240 | 3 | | Х | |
| MAT 2130 | 4 | | Х | |
| MAT 2110 | 4 | | Х | Honors students may take MAT 2510 |
| Liberal Studies Experience Course 2 | 3 | | | HS or LS or FA or SS Designation |
| | | Semes | ter Four: | [15 Credit Hours] |
| MAT 3110 | 3 | | Х | [WID] |
| MAT or STT Elective 1 | 3 | | х | A total of 8 hours of electives required to total 65 hours in Major Requirements area on POS; (You must have a total of 3 hours at 4000 level) At least 3 sh must be a MAT course if a STT capstone will be selected in last semester. |
| Career Support Concentration Course 1 | 3 | | х | At least 21 hours of courses (7 courses) that <u>must be approved</u> by advisor. Area II. C on POS |
| ILE Course 2 | 3 | | | HS or LS or FA or SS Designation |
| Liberal Studies Experience Course 3 | 3 | | | |
| | | Semes | ter Five: | [16 Credit Hours] |
| MAT 3220 | 3 | | Х | [WID] |
| MAT 3130 OR MAT 3310 | 3 | | Х | |
| STT 3520 or 3850 | 4 | | Х | |
| Career Support Concentration Course 2 | 3 | | Х | |
| Liberal Studies Experience Course 4 | 3 | | | HS or LS or FA or SS Designation |

Degree Works

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BS_260B

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| Carres Cubia et an d Titla | Credit | Min. | Included | Important Notes |
|----------------------------|--------|-------------------|-----------------|------------------------|
| Course Subject and Title | Hours | Grade Required | in Major GPA | POS = Program of Study |

| | | Semester Six: [| 15 Credit Hours] |
|--|----|-----------------|--|
| MAT or STT Elective 2 | 3 | х | A total of 8 hours of electives required to total 65 hours in Major Requirements area on POS; (You must have a total of 3 hours at 4000 level) At least 3 sh must be a MAT course if a STT capstone will be selected in last semester. |
| Career Support Concentration Course 3 | 3 | Х | |
| Career Support Concentration Course 4 | 3 | Х | |
| ILE Course 3 | 3 | | |
| Free Elective | 3 | | |
| | | Semester Seven: | [14 Credit Hours] |
| MAT or STT (4000 level?) Elective 3 | 2 | х | A total of 8 hours of electives required to total 65 hours in Major Requirements area on POS; (You must have a total of 3 hours at 4000 level) At least 3 sh must be a MAT course if a STT capstone will be selected in last semester. |
| Career Support Concentration Course 5 | 3 | Х | |
| Career Support Concentration Course 6 | 3 | Х | |
| Free Elective | 3 | Х | |
| Free Elective | 3 | | |
| | | Semester Eight: | [15 Credit Hours] |
| Capstone Course | 4 | Х | CAPSTONE; Choose one 4-hour combination from Capstone Requirements area on POS |
| Career Support Concentration Course 7 | 3 | х | |
| Free Elective | 3 | | |
| Free Elective | 3 | | |
| Free Elective | 2* | | *Make sure to take enough Free Electives to reach a minimum 122 hours required for the degree. |

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Shaded areas of guide require special attention.

| C CI: I ITII | Credit | Min. | Included | Important Notes |
|--------------------------|--------|-------------------|-----------------|------------------------|
| Course Subject and Title | Hours | Grade Required | in Major GPA | POS = Program of Study |

| Minimum Gen Ed. | | | Minimum | | |
|-----------------|-------|---------------------|-----------|-------------|--|
| Total Hours | Hours | Writing | Major GPA | Overall GPA | |
| 122 | 44 | RC 1000 and RC 2001 | 2.0 | 2.0 | |

All MAT and STT courses and all courses in Major Requirements area on Program of Study count in major GPA.

| Program Categories | Hours | Important Notes – Be sure to check for Gen Ed courses required in your major |
|---------------------------------|-------|--|
| First Year Seminar | 3 | Can be taken first or second semester of freshman year |
| Wellness Literacy | 2 | |
| Quantitative Literacy | 4 | |
| First Year Writing | 3 | Can be taken first or second semester of freshman year |
| Sophomore Writing | 3 | |
| Integrative Learning Experience | 9 | Must choose a minimum of two disciplines |
| Liberal Studies Experience | 12 | Must choose a minimum of three disciplines |
| Science Inquiry | 8 | |

You must also meet the Fine Arts, Literary Studies, Historical Studies, and the Social Science Designations. Those may be met within the Integrative Learning Experience and the Liberal Studies Experience.

Additional Notes:

- Residency Requirements:
 - o 31 hours must be from ASU
 - o 18 hours in the major must be from ASU
 - 9 hours in the minor must be from ASU
 - o Final 30 hours must be courses taken through ASU (includes internships, study abroad taken through ASU)