Water Quality Associates of Applied Science Course Checklist

General Education Requirements- (16 Credits)

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| **Course Number and Title** | **Credits** | **Grade** |
| ENG 121- English Composition I or COM 125- Interpersonal Communication | 3 |  |
| MAT 121- College Algebra or MAT 107- Career Math | 4-3 |  |
| GIS 101- Introduction to Geographic Information Systems | 3 |  |
| BUS 121- Basic Workplace Skills | 1 |  |
| Credit from any two of the following three areas (6 credits):  Arts & Humanities (3 credits)  ARA, ART, ASL, FRE, GER, HUM, ITA, JPN, LIT, MUS, PHI, RUS, SPA, THE  Natural & Physical Sciences (3 credits)  AST, BIO, CHE, ENV, GEY, MET, NRE, PHY, SCI  Social & Behavioral Sciences (3 credits)  AGR, ANT, ECO, GEO, HIS, POS, PSY, SOC | 6 |  |
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Core Water Quality Management Courses (34 credits)

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| **Course Number and Title** | **Credits** | **Grade** |
| WQM 100: Introduction to Water Quality | 3 |  |
| WQM 105: Specific Calculations | 4 |  |
| WQM 119: Basic Water Quality Analysis (Pre-requisite: ENG 121) | 4 |  |
| WQM 120: Equipment Maintenance | 4 |  |
| WQM 126: Safety and Security Systems | 3 |  |
| WQM 200: Hydraulics | 4 |  |
| WQM 206: Design Interpretations | 4 |  |
| WQM 216: Bio/Bacteriological Analysis (Pre-requisite: WQM 119) | 4 |  |
| WQM 217: Disinfection | 4 |  |

Water Quality Management Electives (12 credits)

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| **Course Number and Title** | **Credits** | **Grade** |
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Total Degree Credits (as written): 62