

Program/Requirement	Subrequirement Name	Pseudo (-201820)	Pseudo (201830+)
AMAT MS (Thesis)		IGAM-THES	AMAT-THES
	Preliminary Exam	PEXM	PEXM
	Core Courses	IGAM-MAJR1	AMATMS-CORE
	Teaching and Learning in the Sciences	IGAM-MAJR2	AMATMS-TEACH
	Applied Mathematics Seminar	IGAM-MAJR3	AMATMS-SEM
	Taching Assistantship	TAM	TAM
	Special Topics Courses	IGAM-THES2	AMATMS-TOPICS
Thesis	THES	THES	
AMAT MS (Cap Stone)		IGAM-NTHS	AMAT-NTHS
	Preliminary Exam	PEXM	PEXM
	Core Courses	IGAM-MAJR1	AMATMS-CORE
	Teaching and Learning in the Sciences	IGAM-MAJR2	AMATMS-TEACH
	Applied Mathematics Seminar	IGAM-MAJR3	AMATMS-SEM
	Taching Assistantship	TAM	TAM
	Special Topics Courses	IGAM-OTHR3	AMATMS-TOPICS
Cap Stone	NTHS	NTHS	

The default MS program is the Cap Stone requirement. To swap between the 2, use the MK excpetion and add in the pseudo name IGAM-THES or AMAT-THES (depending on catalog year) into the replacement name.

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Marker Name	\$PLAN
Replacement Name	
Replacement Type	Requirement
Memo - will not display on audits	

Program/Requirement	Subrequirement Name	Pseudo (-201820)	Pseudo (201830+)
AMAT PhD	Preliminary Exam	PEXP	PEXP
	Core Courses	IGAM-PHDM1	AMAT-CORE
	Teaching and Learning in the Sciences	IGAM-PHDM2	AMAT-TEACH
	Applied Mathematics Seminar	IGAM-PHDM3	AMAT-SEM
	Special Topics Courses	IGAM-PHDM4	AMAT-TOPICS
	Teaching Assistantship	TAP	TAP
	Qualifying Exam	QUAL	QUAL
	Presentation Requirement	SEM	SEM
	Publication Requirement	PUB	PUB
	Dissertation and Defense	DIS	DIS

Program/Requirement	Subrequirement Name	Pseudo (-201920)	Pseudo (201930+)
CCB MS (Unit Req)	12 units of GR graded courses 12 additional units		CCB-MUNIT CCBM-UNITS1 CCMB-UNITS2
CCB MS (Emph Track)	Chemistry and Chemical Biology - Emphasis Track Chemical Biology Track Computational Chem Track Physical Chemistry Track Materials Chemistry		CCB-MTRK CCBMS-TRACK CCB-BCHM CCB-CCHM CCB-PCHM CCB-BCHS
CCB MS (General Req)	2 Semester of Seminar Scientific Ethics Course Preliminary Exam Thesis or Comp Exam		CCB-MS CCBMS-SEM CCBMS-ETHICS PEXP THES / NTHS

The default MS program is the Chemistry and Chemical Biology - Emphasis Track requirement. To select an emphasis track use one of the appropriate Pseudo track. the Chemistry and Chemical Biology - Emphasis Track will be hidden once a track is is created.

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CCB PhD (Units Req)	40 Units of GR Coursework 8 Additional Units	CCB-UNITS CCB-UNITS1 CCB-UNITS2	CCB-UNITS CCB-UNITS1 CCB-UNITS2
CCB PhD (Emph Track)	Track options		CCB-EMP CCB-EMPH
CCB PhD (General Req)	Preliminary Exam 4 Semester of Seminar Scientific Ethics Course Teaching Assistantship Open Technical Seminar Qualifying Exam Dissertation and Defense	CCB-PHD PEXP CCB-PHD1 CCB-PHD2 TAP SEM QUAL DIS	CCB-PHD PEXP CCB-SEM CCB-ETHICS TAP SEM QUAL DIS

Program/Requirement	Subrequirement Name	Pseudo (-201920)	Pseudo (201930+)
PHYI MS		IGPH-MAJR	PHYI-MS
	Preliminary Exam	PEXM	PEXM
	Core Courses (16 UD/GR course)	IGPH-MAJR2	PHYIMS-CORE
	Physics Seminar (Colloquium)		PHYIMS-SEM
	Elective/Research	IGPH-MAJR3	PHYIMS-ELECT
	Responsible Conduct of Research		PHYIMS-CONDUCT
	Introduction to Graduate Research		PHYIMS-RES
	Comprehensive Oral Exam	QUAL	QUAL
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PHYI Phd		IGPH-PHDM	PHYI-PHDM
	Preliminary Exam	PEXP	PEXP
	Physics Seminar (Colloquim)	IGPH-PHDM1	PHYI-SEM
	Physics Core Requirement	IGPH-PHDM5	PHYI-CORE
	Responsible Conduct of Research	IGPH-PHDM2	PHYI-CONDUCT
	Intro to Graduate Research		PHYI-RES
	Physics Elective	IGPH-PHDM6	PHYI-PHYSELECT
	Elective Course	IGPH-PHDM7	PHYI-ELECT
	Teaching Assistantship	TAP	TAP
	Qualifying Exam	QUAL	QUAL
	Dissertation and Defense	DIS	DIS

Program/Requirement	Subrequirement Name	Pseudo (-201720)	Pseudo (201730+)
QSB MS (General Req)	Responsible Conduct of Research Quantitative Biology Quantitative Systems Biology		QSB-MS QSBMS-CONDUCT QSBMS-QUANT QSBMS-SYSTEMS
QSB MS (Course Based Track)	Additional QSB Course 24 GR Coursework 8 Additional UD or GR coursework Comprehensive Exam		QSB-MSII QSBMS-ELECT QSBMS-24GR QSBMS-8UNIT NTHS
QSB MS (Thesis Track)	18 GR Coursework 6 Additional Units Thesis		QSB-MSI QSBMS-18GR QSBMS-6UNIT Thes
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QSB PhD (No Concentration)	Quantitative Biology Systems Biology Additional QSB Course		QSB-NOCN QSB-QUANT QSB-SYSTEMS QSB-ELECT
QSB PhD (EEB Concentration)	Quantitative Biology Systems Biology Ecology Requirement Evolutionary Biology Requirement		QSB-EEB QSB-QUANT QSB-SYSTEMS QSB-ECO QSB-EVO
QSB PhD (MCB Concentration)	Quantitative Biology Systems Biology Molecular and Cellular Bio Requirement Additional QSB Course		QSB-MCB QSB-QUANT QSB-SYSTEMS QSB-MOLE QSB-ELECT
QSB PhD Other Requirements	QSB Seminar Responsible Conduct of Research Teaching Assistantship Qualifying Exam Open Technical Seminar Publication Requirement Dissertation and Defense	TAP QUAL SEM PUB DIS	QSB-SEM QSB-CONDUCT TAP QUAL SEM PUB DIS

The default MS program is the Course Based Track requirement. To swap between the 2, use the MK exception and add in the pseudo name QSB-MSI.

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