| Program/Requirement | Subrequirement Name | Pseudo (201830+) |
|---|---|---|
| BIOE MS (thesis) | | BIOE_MS1 |
| | Graduate Seminar | BIOEMS-SEM |
| | Graduate Research | BIOEMS-RES |
| | Core Courses | BIOEMS-CORE |
| | BIOE Graduate Coursework | BIOEMS-ELECT |
| | Thesis and Defense | THES |
| BIOE MS (Comp Exam) | | BIOE_MS2 |
| | Graduate Seminar | BIOEMS-SEM |
| | Core Courses | BIOEMS-CORE |
| | BIOE Graduate Coursework | BIOEMS-ELECT |
| | Comprehensive Exam | NTHS |
| BIOE PhD (No Prior MS) | | BIOE_PHDN |
| | Graduate Seminar | BIOE-SEM |
| | Core Courses: BIOE 205 | BIOE-CORE1 |
| | Core Courses: BIOE 210 | BIOE-CORE2 |
| | Core Courses: BIOE 215 | BIOE-CORE3 |
| | BIOE Grad Coursework | BIOE-ELECT |
| | Teaching Assistantship | TAP |
| | Technical Seminar | SEM |
| | Preliminary Exam | PEXP |
| | PhD Candidacy Exam | QUAL |
| | Dissertation & Defense | DIS |
| BIOE (Prior Approved MS) | | BIOE_PHDP |
| | Graduate Seminar | BIOE-SEM |
| | Core Courses: BIOE 205 | BIOE-CORE1 |
| | Core Courses: BIOE 210 | BIOE-CORE2 |
| | Core Courses: BIOE 215 | BIOE-CORE3 |
| | Teaching Assistantship | TAP |
| | Technical Seminar | SEM |
| | Preliminary Exam | PEXP |
| | PhD Candidacy Exam | QUAL |
| | Dissertation & Defense | DIS |

The default MS program is the thesis requirement. To swap between the 2, use the MK excpetion and add in the pseudo name BIOE_MS2 into the replacement name.

The default PhD program is the no prior MS requirement. To swap between the 2, use the MK excpetion and add in the pseudo name BIOE_PHDP into the replacement name.

## Edit $PLAN

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

| Program/Requirement | Subrequirement Name | Pseudo (-201820) | Pseudo (201830+) |
|---|---|---|---|
| EECS MS (Thesis) | | na | EECS-MAJR |
| | EECS Seminar | | EECSMS-SEM |
| | Graduate Coursework | na | EECSMS-COURSE |
| | Additional coursework | na | EECSMS-ELECT |
| | Thesis | na | THES |
| EECS MS (Comp Exam) | | | EECS-MSII |
| | EECS Seminar | | EECSMS-SEM |
| | Graduate Coursework | na | EECSMS-COURSE |
| | Additional coursework | na | EECSMS-ELECT |
| | Comprehensive Exam | na | NTHS |
| EECS PhD | | IGEC-PHDM | EECS-PHDM |
| | 24 units of EECS courses | IGEC-PHDM1 | EECS-PHDM1 |
| | 8 additional units | IGEC-PHDM2 | EECS-PHDM2 |
| | EECS Seminar | IGEC-PHDM3 | EECS-PHDM3 |
| | Teaching Assistantship | TAP | TAP |
| | Research Proposal & Qualifying Exam | QUAL | QUAL |
| | Technical Seminar 1 | SEM | SEM |
| | Technical Seminar 2 | | SEM2 |
| | Disertation and Defense | DIS | DIS |

The default MS program is the thesis requirement. To swap between the 2, use the MK excpetion and add in the pseudo name EECS-MSII into the replacement name.

## Edit $PLAN

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

| Program/Requirement | Subrequirement Name | Pseudo (-201820) | Pseudo (201830+) |
|---|---|---|---|
| ESYS MS (Thesis) | | ESYS-MS | ESYS-MS |
| | Enviornmental Systems - ES 200 | ESYS-MS1 | ESYS-MS1 |
| | Enviornmental Systems Seminar | ESYS-MS2 | ESYSMS-SEM |
| | ES Grad Units Req | ESYS-MS3 | ESYSMS-UNIT |
| | Elective Units | ESYS-MS4 | ESYSMS-ELECT |
| | Thesis and Defense | THES | THES |
| ESYS MSII (Non-Thesis) | | | ESYS-MSII |
| | Enviornmental Systems - ES 200 | | ESYS-NON1 |
| | Enviornmental Systems Seminar | | ESYSMS-NSEM |
| | ES Grad Units Req | | ESYSMS-NUNIT |
| | Elective Units | | ESYSMS-NONEL |
| ESYS PhD (No Prior MS) | | | ESYS-NOMS |
| | Environmental Systems | ESYS-MAJR1 | ESYS-MAJR1 |
| | Environmental Systems Seminar | ESYS-MAJR2 | ESYS-SEM |
| | Grad Unit Req | ESYS-NOMS1 | ESYS-UNIT |
| | Elective Units | ESYS-NOMS2 | ESYS-ELECT |
| | Qualifying Exam | QUAL | QUAL |
| | Dissertation and Defense | DIS | DIS |
| ESYS PhD (Prior Approved MS) | | | ESYS-PRMS |
| | Environmental Systems | ESYS-MAJR1 | ESYS-MAJR1 |
| | Environmental Systems Seminar | ESYS-MAJR2 | ESYS-SEM |
| | Grad Unit Req | ESYS-PRMS1 | ESYS-UNIT |
| | Qualifying Exam | QUAL | QUAL |
| | Dissertation and Defense | DIS | DIS |

The default MS program is the thesis requirement. To swap between the 2, use the MK exception and add in the pseudo name ESYS-MSII into the replacement name.

The default PhD program is the No Prior MS requirement. To swap between the 2, use the MK excpetion and add in the pseudo name ESYS-PRMS into the replacement name.

## Edit $PLAN

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

| Program/Requirement | Subrequirement Name | Pseudo (201830+) |
|---|---|---|
| MBSE MS (Thesis) | | MBSE-MP1 |
| | Thermodynamics and Kinetics | MBSEMS-TK |
| | Processing and Kinetics | MBSEMS-PK |
| | Structure and Bonding | MBSEMS-SB |
| | Properties | MBSEMS-PROP |
| | Responsible Conduct of Research | MBSEMS-RCR |
| | Graduate Research | MBSEMS-RES |
| | Electives | MBSEMS-ELECT |
| | Thesis and Defense | THES |
| | | |
| MSBE MS (Comp Exam) | | MSBE-MP2 |
| | Thermodynamics and Kinetics | MBSEMS-TK |
| | Processing and Kinetics | MBSEMS-PK |
| | Structure and Bonding | MBSEMS-SB |
| | Properties | MBSEMS-PROP |
| | Electives | MBSEMS-ELECT |
| | Comprehensive Exam | NTHS |
| | | |
| Materials for Biomedicine Emphasis | | MBSE-BIO |
| Materials for Sustainability Emphasis | | MBSE-SUST |
| | | |
| MBSE PhD (No Prior MS) | | MBSE-PHDN |
| | Thermodynamics and Kinetics | MBSE-TK |
| | Processing and Kinetics | MBSE-PK |
| | Structure and Bonding | MBSE-SB |
| | Properties | MBSE-PROP |
| | Responsible Conduct of Research | MBSE-RCR |
| | Graduate Research | MBSE-RES |
| | Electives | MBES-ELECT |
| | Teaching Assistantship | TAP |
| | Technical Seminar 1 | SEM |
| | Technical Seminar 2 | SME2 |
| | Qualifying Exam | QUAL |
| | Dissertation and Defense | DIS |
| | | |
| MBSE PhD (Prior Approved MS) | | MBSE-PHDM |

The default MS program is the thesis requirement. To swap between the 2, use the MK excpetion and add in the pseudo name MBSE-MP2 into the replacement name.

Emphasis can be added to either the PhD or MS program by adding the MK excpetion using $PLAN1 and the pseudo code assocated to the emphasis

**Edit $PLAN**

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

| Program/Requirement | Subrequirement Name | Pseudo (201830+) |
|---|---|---|
| MCS MS (Thesis) | | MCS-MS1 |
| | Graduate Seminar | MCSMS-SEM |
| | Foundation Req | MCSMS-FOUND |
| | Research Methods | MCSMS-RES |
| | GR Level Units | MCSMS-GR |
| | Elective | MCSMS-ELECT |
| | Thesis and Defense | THES |
| MCS MS (Comp Exam) | | MCS-MS2 |
| | Graduate Seminar | MCSMS-SEM |
| | Foundation Req | MCSMS-FOUND |
| | Research Methods | MCSMS-RES |
| | GR Level Units | MCSMS-GR |
| | Elective | MCSMS-ELECT |
| | Comprehensive Exam | NTHS |
| MCS PhD (No Prior MS) | | MCS-PHDN |
| | Core Req - Foundations | MCS-CORE |
| | Research Methods | MCS-RES |
| | Elective | MCS-ELECT |
| | Seminar | MCS-SEM1 / SEM2 / SEM3 / SEM4 |
| | Teaching Apprenticeship | TAP |
| | Research Project Year 1 | RP1 |
| | Research Project Year 2 | RP2 |
| | Technical Seminar | SEM |
| | Integrative Review Paper | IRP |
| | Qualifying Exam | QUAL |
| | Dissertation and Defense | DIS |
| MCS PhD (Prior Approved MS) | | MCS-PHDM |
| | Core Req - Foundations | MCS-CORE |
| | Research Methods | MCS-RES |
| | Elective | MCS-ELECT |
| | Seminar | MCS-SEM1 / SEM2 / SEM3 / SEM4 |
| | Teaching Apprenticeship | TAP |
| | Research Project Year 1 | RP1 |
| | Research Project Year 2 | RP2 |
| | Technical Seminar | SEM |
| | Integrative Review Paper | IRP |
| | Qualifying Exam | QUAL |
| | Dissertation and Defense | DIS |

The default MS program is the thesis requirement. To swap between the 2, use the MK excpetion and add in the pseudo name MCS-MS2 into the replacement name.

The default PhD program is the No Prior MS requirement. To swap between the 2, use the MK excpetion and add in the pseudo name MCS-PHDM into the replacement name.

## Edit $PLAN

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

| Program/Requirement | Subrequirement Name | Pseudo (-201820) | Pseudo (201830+) |
|---|---|---|---|
| MECE MS (Thesis) | MECE MS (Thesis) | IGMN-P1 | MECE-MSP1 |
| | ME Seminar Series | IGNM-MS1 | MECEMS-SEM |
| | 20 GR Units | IGMN-MS2 | MECEMS-GR |
| | 8 Units of Research | IGMN-11 | MECEMS-RES |
| | Thesis and Defense | THES | THES |
| | | | |
| MECE MS (Comp Exam) | MECE MS (Comp Exam) | IGMN-P2 | MECE-MSP2 |
| | ME Seminar Series | IGNM-MS1 | MECEMS-SEM |
| | 28 GR Units | IGMN-MS2 | MECEMS-GR |
| | Comprehensive Exam | NTHS | NTHS |
| | | | |
| MECE PhD (No Prior MS) | MECE PhD (No Prior MS) | IGMN-NOMS | MECE-NOMS |
| | ME Graduate Course | IGMN-NOMS1 | MECE-UNIT |
| | ME Seminar Series - ME 291 | IGMN-OTHER1 | MECE-SEM |
| | Teaching Assistantship | TAP | TAP |
| | Preliminary Exam | PEXP | PEXP |
| | Technical Seminar/Presentation | SEM | SEM |
| | Dissertation Proposal/Qualifying Exam | QUAL | QUAL |
| | Dissertation and Defense | DIS | DIS |
| | | | |
| MECE PhD (Prior Approved MS) | MECE PhD (Prior Approved MS) | IGMN-PRMS | MECE-PRMS |
| | ME Graduate Course | IGMN-PRMS1 | MECE-PRUNIT |
| | ME Seminar Series - ME 291 | IGMN-OTHER1 | MECE-SEM |
| | Teaching Assistantship | TAP | TAP |
| | Preliminary Exam | PEXP | PEXP |
| | Technical Seminar/Presentation | SEM | SEM |
| | Dissertation Proposal/Qualifying Exam | QUAL | QUAL |
| | Dissertation and Defense | DIS | DIS |
| | | | |
| | MECE PhD (Master Along the Way) | | |

The default MS program is the thesis requirement. To swap between the 2, use the MK excpetion and add in the pseudo name MECE-MSP2 into the replacement name.

The default PhD program is the No Prior MS requirement. To swap between the 2, use the MK excpetion and add in the pseudo name MECE-PRMS into the replacement name.

In order to get the Masters Along the Way audit, you have to add 2 MK excpetions. The 1st one should be the PhD program with the PRIOR APPROVED MS.

To add the Masters program, use $PLAN1 as the Marker Name and add in one of the pseudo codes for the master program type

Edit $PLAN

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

Edit $PLAN

| | |
|---|---|
| Marker Name | $PLAN1 |
| Replacement Name | |
| Replacement Type | Requirement |
| Memo - will not display on audits | |

| Program/Requirement | Subrequirement Name | Pseudo (-201820) | Pseudo (201830+) |
|---|---|---|---|
| MIST MM | | | MIST-MM |
| | Management Courses | na | MIST-MGMT |
| | Innovation in Tech and Pra | na | MIST-TECH |
| | Integrative and Strategy | na | MIST-INT |