

**Thomas J. Watson School of Engineering and Applied Science**

## Master of Science in Electrical Engineering Proposed Course of Study / Graduation Check

STUDENT'S NAME:  BU NUMBER:

SEMESTER OF MATRICULATION:  ADVISOR'S NAME:

*At the time of declaration of candidacy (final semester) for degree, you must recheck this form.  
An incomplete record could delay your graduation.*

Course Name & Number	Credit Hrs	Sem	Yr	Instructor	Grade	Comments
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**Specialization Courses: Choose 3 courses in one area below (x in the course number represents any of 0,1,2...9)**  
*Please see restrictions on back regarding EECE5x0 and EECE597 courses*

- **Computer Architecture and Networks:** EECE 552, 553, 560, 570, 573, 575, 580E, 580F, 580I & 657
- **Control Systems:** EECE 503, 504, 509x, 510, 513, 515, 517, 518, 616, 619 & 680B.
- **Information Assurance:** EECE 527, 560, 562, 566, 580F, 580I, 580X, 657 & 658
- **DSP & Communication:** EECE 513, 520, 521, 522, 523, 527, 542, 545, 549, 580G, 580H, 629, & 642
- **Physical Electronics & Electro-Optics:** EECE 501, 504, 505, 508, 516, 530, 532, 549, 578X, 580J & 680A
- **Power & Energy:** EECE 502, 503, 504, 508, 509X, 511X, 512X, 513 & 516
- **VLSI:** EECE 570, 573, 574, 575

I.	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>
II.	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>
III.	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>

**Breadth Courses: Thesis Option – 2 EECE Courses in two areas other than specialization**  
**Project Option – 2 EECE Courses in two areas other than specialization**

I.	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>
II.	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>

**Either EECE506 Math Methods in Elect. Eng. or EECE507 Math Methods in Comp. Eng:**

I.	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>
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**Two or Three Electives (EECE or Non-EECE):**

For Thesis Option: 2 Courses or for Project Option: 3 Courses *Please see details on back*

I.	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>
II.	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>
III.	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>

**MSEE Thesis (minimum 6 credits) or MSEE Project (minimum 3 credits)**

EECE 599 Thesis OR EECE 598 Project	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>
EECE 599 Thesis	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>	<input style="width: 90%; height: 20px;" type="text"/>

Above course of study is academically sound \_\_\_\_\_  
*Academic Advisor's Signature* *Date*

**Program Completion Approval** \_\_\_\_\_  
*Watson Graduate Coordinator's Signature* *Date*

## TRANSFER CREDITS

To be acceptable for transfer credit, courses must be:

- 1) Graduate level.
- 2) Appropriate to the student's overall program.
- 3) Supported by transcript evidence of a grade of "B" or better.
- 4) Not used toward requirements for another degree.
- 5) Approved by the School and the Provost for Graduate Studies and Research.

Course Name & Number	Credits	Institution	Bing. Univ. Equivalent	Comments
I. <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
II. <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
III. <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
IV. <input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Subtotal:

**Graduate Director Approval of Transfer Credit**

\_\_\_\_\_

*Graduate Director's Signature*

\_\_\_\_\_

*Date*

***In addition, an [Application for Transfer Credit](#) form must be signed by the Graduate Director and sent to the Graduate School for final approval.***

### **Restrictions regarding EECE597 & EECE697 courses:**

Independent Study courses (EECE597 & EECE697) may not be used for specialization courses except in extreme cases with pre-approval by the Graduate Director. Unless the student has a very compelling pedagogical reason this will not be approved.

### **Details on Electives**

- Courses can be either ECE or certain Non-ECE graduate courses
  - ECE Graduate Course not used for other requirements
    - EECE 597 Independent Study can be used for both electives
    - Thesis, Project, and Internship credits can not be used
  - Certain Regular Graduate Courses (see the ECE Graduate Handbook for further details):
    - Courses From Other Engineering Departments
    - Courses from Math & Science Departments
    - Courses from School of Management