

# MIT Department of Electrical Engineering and Computer Science

## EECS 6-1, 6-2, 6-3 S.B. and M.Eng. Checklist (2017 Curriculum)

Name:	Email:	Program:
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General Institute Requirements			
Requirement	Subject	Term	Grade
Biology			
Chemistry			
Calculus I			
Calculus II			
Physics I			
Physics II			
Institute Lab (†)			
REST I (†)			
REST II (†)			
HASS-H			
HASS-A			
HASS-S			
HASS-conc.			
HASS-conc.			
HASS-conc.			
HASS-conc./elec.			
HASS-elective			

EECS S.B. Requirements			
Requirement	Subject	Term	Grade
Intro			
Programming skills			
Math			
Foundation #1			
Foundation #2			
Foundation #3			
Header #1			
Header #2			
Header #3			
Header #4 (6-3)			
6.UAT or 6.UAR			
AUS2 #1			
AUS2 #2			
EECS #1			
EECS #2 (6-1, 6-2)			

Additional Constraints (†)	
Constraint	Subject(s)
II (6-1, 6-2, 6-3)	
DLAB2 (6-1, 6-2)	
PROB (6-1, 6-2)	
CIM2 (6-1, 6-2)	
EE12 (6-2)	
CS12 (6-2)	
EECS12 (6-2)	

(†) usually satisfied by S.B. required subject

CI-H: \_\_\_\_\_, \_\_\_\_\_ PE: \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_ Swim: \_\_\_\_\_

Concentration: \_\_\_\_\_ Proposal: \_\_\_\_\_ Complete: \_\_\_\_\_

Notes:

**NOTE: the same subject cannot be used to satisfy both an Undergraduate requirement and the AAGS or Restricted Elective MEng requirements.**

EECS M.Eng. Requirements Concentration**:								
Requirement	Subject	Term	Grade		Requirement	Subject	Term	Grade
AAGS #1					Restricted Elec.* #1			
AAGS #2					Restricted Elec.* #2			
AAGS #3					Thesis			
AAGS #4								

\*Restricted Electives: 24 units, but only at most 12 units from the same group. (6.041A&B / 6.436 / 18.05 / 18.600), (6.042 / 18.200 / 18.200A), 8.044, 18.04, (18.06 / 18.700 / 18.085 / 18.0851), (18.065 / 18.0651), (18.075 / 18.0751), (18.086 / 18.0861), (18.1001 / 18.1002 / 18.100A / 18.100B / 18.100P / 18.100Q), 18.300, 18.330, 18.650, 18.703, 18.781, other "math-y" subjects by petition.

\*\* Concentration Fields: one three-subject concentration from among the 2 AUS2 and 4 AAGS subjects. AAGS classes in **bold** may be used as EECS or AUS2. AAGS subjects used to satisfy S.B. requirements cannot also be used to satisfy M.Eng requirements.

Applied Physics AUS2: 6.061, 6.602; AAGS: **6.621**, 6.630, **6.631**, **6.632**, **6.634**, 6.637, 6.638, **6.641**, 6.642, 6.644, 6.645, **6.685**, 6.690, 6.691, 6.695, 6.728, 6.730, 6.731, 6.732

Artificial Intelligence AUS2: 6.801, 6.802, 6.803, 6.804, 6.806, 6.813, 6.819, 6.905, IDS.012; AAGS: 6.345, **6.338**, **6.437**, **6.438**, **6.831**, **6.832**, **6.833**, 6.834, **6.860**, **6.861**, **6.863**, **6.864**, **6.866**, **6.867**, 6.868, 6.869, 6.872, **6.874**, 6.881, 6.882, 6.883, 6.884, 6.945, 6.946, **IDS.131**, MAS.S63

BioEECS AUS2: 6.022, 6.023, 6.025, 6.027, 6.047, 6.503, 6.580, 6.802; AAGS: **6.521**, **6.522**, 6.524, 6.525, 6.541, 6.542, 6.544, 6.545, **6.551**, 6.552, **6.555**, 6.556, 6.557, **6.561**, 6.580, 6.581, 6.582, 6.589, 6.872, 6.874, 6.877, 6.878

Circuits AUS2: 6.301, 6.302; AAGS: 6.320, 6.331, 6.332, 6.333, **6.334**, **6.374**, **6.375**, **6.376**, **6.775**, 6.776

Communications AUS2: 6.207, 6.215; AAGS: 6.231, **6.255**, 6.260, 6.261, **6.262**, 6.263, 6.264, 6.265, 6.266, **6.267**, 6.268, 6.434, 6.435, **6.436**, **6.437**, **6.438**, 6.439, 6.440, 6.441, 6.442, 6.443, 6.450, 6.452, 6.453

Computer Systems AUS2: 6.035, 6.172, 6.175, 6.814, 6.816, 6.S062; AAGS: **6.820**, 6.821, 6.822, **6.823**, **6.824**, **6.826**, **6.828**, **6.829**, **6.830**, 6.836, 6.846, **6.857**, **6.858**, 6.885, 6.886, **6.871**, 6.887, 6.888

Control AUS2: 6.302; AAGS: 6.231, **6.241**, 6.242, 6.243, 6.245, 6.246, 6.247

Graphics and Human-Computer Interfaces AUS2: 6.801, 6.807, 6.813, 6.815, 6.819, 6.837; AAGS: **6.345**, **6.831**, 6.835, 6.838, **6.839**, 6.865, 6.869, 6.870, 6.894, 6.895, 6.896

Materials, Devices and Nanotechnology AUS2: 6.701, 6.717, AAGS: **6.719**, **6.720**, **6.728**, **6.730**, 6.731, 6.732, 6.735, 6.736, 6.763, 6.772, **6.774**, **6.777**, 6.780J, 6.781, 6.789

Numerical Methods AAGS: 6.248, 6.249, **6.251**, 6.252, 6.253, 6.254, **6.255**, 6.256, **6.336**, 6.337, 6.338, 6.339, 6.581, 6.673

Signals and Systems AAGS: **6.341**, 6.342, **6.344**, **6.345**, 6.347, 6.348, **6.437**, **6.438**, 6.456, **6.555**, 6.556

Theoretical Computer Science AAGS: **6.840**, 6.841, 6.842, 6.845, 6.849, 6.850, 6.851, 6.852, 6.853, **6.854**, 6.856, 6.875, 6.876, 6.889, 6.890, 6.891, 6.892, 6.893