

## **RESEARCH STREAM: MASTER OF SURGERY - 2020**

The **Master** requires the successful completion of **48 credit points** of units of study including:

- 6 credit points of core units of study; and
- 18 credit points of dissertation units of study; and
- 24 credit points of electives

### Tables of units of study: RESEARCH STREAM

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Semester</b>
<b>Core units</b>			
Master of Surgery students must complete <b>6 credit points</b> of the <b>compulsory core</b> unit of study			
<b>Stream Specific Core Units</b>			
CEPI5100 Introduction to Clinical Epidemiology	6	N PUBH5010 online	S1 or S2
PUBH5018 Introductory Biostatistics	6	Online or face to face	S1
Master of Surgery students must complete <b>18 credit points</b> of <b>dissertation units</b> of study			
SURG5007 Dissertation A	9	Research	S1 or S2
SURG5008 Dissertation B	9	Research	S1 or S2
<b>Elective units</b>			
Master of Surgery students must complete a <b>24 credit points</b> <b>elective units</b> of study.			
SURG5035 Surgical Research and Evaluation	6	Online	S1
HAEM5001 Thrombosis and Haemostasis in Acute Care	6	Online	S2
PATH5000 Surgical Pathology	6	Online	S1 or S2
SURG5003 Scientific Communication for Surgeons	6	Online	S1 or S2
SURG5011 Imaging Surgical Patients	6	Online	S2
SURG5012 Surgical Metabolism	6	Online	S2
SURG5016 Vascular and Endovascular Surgery	6	Online plus one day workshop	S2
SURG5017 Microsurgery	6	Face to face	S1 or S2
SURG5021 Surgical Immunology	6	Online	S1
SURG5025 Hepatobiliary and Pancreatic Surgery	6	Online	S1
SURG5031 Surgical Skills	6	Online plus two-day workshop	S1

SURG5032 Physiology for Surgeons	6	Online	S2
SURG5034 Surgical Anatomy based on GSSE	6	Face to face	S1 or S2
SURG5036 Surg Research: Translation and Innovation	6	Online	S2
SURG5041 Surgical Oncology: Principles and Practice	6	Online	S1 or S2
SURG5042 Urological Oncology	6	Online plus one day workshop	S1
SURG5043 Surgical Endoscopy	6	Online plus one day workshop	S2

**Whole Body Dissection Units – Graduate Certificate of Advanced Clinical Skills (Surgical Anatomy)**

Master of Surgery students **may complete up to 24 credit points** of whole-body dissection units which can be credited to the Master of Surgery. You need to apply for and enrol concurrently in the Grad Cert of Advanced Clinical Skills and on completion (without graduating) apply for credit for prior learning to transfer to the Master of Surgery. \*Note these units are more expensive than MS units of study.

SURG5027 Head and Neck by dissection	6	Face to face	S2
SURG5028 Thorax Back and Spinal Cord by Dissection	6	Face to face	S1
SURG5029 Upper and Lower Extremities by Dissection	6	Face to face	S1
SURG5030 Abdomen, Pelvis and Perineum by Dissection	6	Face to face	S1

\*Limited places: Please email [jayne.seward@sydney.edu.au](mailto:jayne.seward@sydney.edu.au) to be placed on the wait list for the following units:

SURG5017 – Microsurgery 10 places (semester 1 and 2)

SURG5031 – Surgical Skills 40 places (semester 1)

SURG5016 – Vascular and Endovascular 12 places (semester 2)

## **SURGICAL SCIENCE STREAM – 2020**

The **Master** requires the successful completion of **48 credit points** of units of study including:

- 6 credit points of core units of study; and
- 24 credit points of stream specific units of study; and
- 18 credit points of electives

### **Tables of units of study:**

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Semester</b>
<b>Core unit</b>			
Master of Surgery students must complete <b>6 credit points</b> of the <b>compulsory core</b> unit of study			
CEPI5100 Introduction to Clinical Epidemiology	6	N PUBH5010 online	S1
			S2
PUBH5018 Introductory Biostatistics	6	Online or face to face	S1
<b>Stream Specific Core Units</b>			
Master of Surgery students must complete <b>24 credit points</b> of <b>stream specific units</b> of study			
SURG5012 Surgical Metabolism	6	Online	S2
PATH5000 Surgical Pathology	6	Online	S1 or S2
SURG5035 Surgical Research and Evaluation	6	Online	S1
SURG5036 Surg Research: Translation and Innovation	6	Online	S2
<b>Elective units</b>			
Master of Surgery students must complete a <b>18 credit points</b> <b>elective units</b> of study.			
HAEM5001 Thrombosis and Haemostasis in Acute Care	6	Online	S2
SURG5003 Scientific Communication for Surgeons	6	Online	S1 or S2
SURG5011 Imaging Surgical Patients	6	Online	S2
SURG5016 Vascular and Endovascular Surgery	6	Online plus one day workshop	S2
SURG5017 Microsurgery	6	Face to face	S1 or S2
SURG5021 Surgical Immunology	6	Online	S1
SURG5025 Hepatobiliary and Pancreatic Surgery	6	Online	S1
SURG5031 Surgical Skills	6	Online plus two day workshop	S1
SURG5032 Physiology for Surgeons	6	Online	S2
SURG5034 Surgical Anatomy based on GSSE	6	Face to face	S1 or S2

SURG5041 Surgical Oncology: Principles and Practice	6	Online	S1 or S2
SURG5042 Urological Oncology	6	Online plus one day workshop	S1C
SURG5043 Surgical Endoscopy	6	Online plus one day workshop	S2C
<b>Whole Body Dissection Units – Graduate Certificate of Advanced Clinical Skills (Surgical Anatomy)</b>			
Master of Surgery students <b>may complete up to 24 credit points</b> of whole-body dissection units which can be credited to the Master of Surgery. You need to apply for and enrol concurrently in the Grad Cert of Advanced Clinical Skills and on completion (without graduating) apply for credit for prior learning to transfer to the Master of Surgery. *Note these units are more expensive than MS units of study.			
SURG5027 Head and Neck by dissection	6	Face to face	S2C
SURG5028 Thorax Back and Spinal Cord by Dissection	6	Face to face	S1C
SURG5029 Upper and Lower Extremities by Dissection	6	Face to face	S1C
SURG5030 Abdomen, Pelvis and Perineum by Dissection	6	Face to face	S1C

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SURG5017 – Microsurgery 10 places (semester 1 and 2)

SURG5031 – Surgical Skills 40 places (semester 1)

SURG5016 – Vascular and Endovascular 12 places (semester 2)

## **SURGICAL SKILLS STREAM – 2020**

The **Master** requires the successful completion of **48 credit points** of units of study including:

- 6 credit points of core units of study; and
- 24 credit points of dissertation units of study; and
- 18 credit points of electives

### **Tables of units of study:**

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Semester</b>
<b>Core unit</b>			
Master of Surgery students must complete <b>6 credit points</b> of the <b>compulsory core</b> unit of study			
CEPI5100 Introduction to Clinical Epidemiology	6	N PUBH5010 online	S1 or S2
PUBH5018 Introductory Biostatistics	6	Online or face to face	S1
<b>Stream Specific Core Units</b>			
Master of Surgery students must complete <b>24 credit points</b> of <b>stream specific units</b> of study			
PATH5000 Surgical Pathology	6	Online	S1 or S2
SURG5031 Surgical Skills	6	Online plus two-day workshop	S1
SURG5032 Physiology for Surgeons	6	Online	S2
SURG5034 Surgical Anatomy based on GSSE	6	Face to face	S1 or S2
<b>Elective units</b>			
Master of Surgery students must complete a <b>18 credit points</b> <b>elective units</b> of study.			
HAEM5001 Thrombosis and Haemostasis in Acute Care	6	Online	S2
SURG5003 Scientific Communication for Surgeons	6	Online	S1 or S2
SURG5011 Imaging Surgical Patients	6	Online	S2
SURG5016 Vascular and Endovascular Surgery	6	Online plus one day workshop	S2
SURG5017 Microsurgery	6	Face to face	S1 or S2
SURG5021 Surgical Immunology	6	Online	S1
SURG5025 Hepatobiliary and Pancreatic Surgery	6	Online	S1
SURG5012 Surgical Metabolism	6	Online	S2
SURG5035 Surgical Research and Evaluation	6	Online	S1
SURG5036 Surg Research: Translation and Innovation	6	Online	S2

SURG5041 Surgical Oncology: Principles and Practice	6	Online	S1 or S2
SURG5042 Urological Oncology	6	Online plus one day workshop	S1
SURG5043 Surgical Endoscopy	6	Online plus one day workshop	S2
<b>Whole Body Dissection Units – Graduate Certificate of Advanced Clinical Skills (Surgical Anatomy)</b>			
Master of Surgery students <b>may complete up to 24 credit points</b> of whole-body dissection units which can be credited to the Master of Surgery. You need to apply for and enrol concurrently in the Grad Cert of Advanced Clinical Skills and on completion (without graduating) apply for credit for prior learning to transfer to the Master of Surgery. *Note these units are more expensive than MS units of study.			
SURG5027 Head and Neck by dissection	6	Face to face	S2C
SURG5028 Thorax Back and Spinal Cord by Dissection	6	Face to face	S1C
SURG5029 Upper and Lower Extremities by Dissection	6	Face to face	S1C
SURG5030 Abdomen, Pelvis and Perineum by Dissection	6	Face to face	S1C

\*Limited places: Please email [jayne.seward@sydney.edu.au](mailto:jayne.seward@sydney.edu.au) to be placed on the wait list for the following units:

SURG5017 – Microsurgery 10 places (semester 1 and 2)

SURG5031 – Surgical Skills 40 places (semester 1)

SURG5016 – Vascular and Endovascular 12 places (semester 2)

## **SURGICAL ANATOMY STREAM – 2020**

The **Master** requires the successful completion of **48 credit points** of units of study including:

- 6 credit points of core units of study; and
- 24 credit points of stream specific units of study; and
- 18 credit points of electives

### **Tables of units of study:**

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Semester</b>
<b>Core unit</b>			
Master of Surgery students must complete <b>6 credit points</b> of the <b>compulsory core</b> unit of study			
CEPI5100 Introduction to Clinical Epidemiology	6	N PUBH5010 online	S1 or S2
PUBH5018 Introductory Biostatistics	6	Online or face to face	S1
<b>Stream Specific Core Units</b>			
Master of Surgery students must complete <b>24 credit points</b> of the following <b>stream specific units</b> of study.			
Note: You need to make a separate application for the Grad Cert of Advanced Clinical Skills to be enrolled concurrently with the Master of Surgery, and on completion (without graduating) apply for credit for prior learning to transfer the credit points to the Master of Surgery. *Note these units are more expensive than MS units of study.			
SURG5027 Head and Neck by Dissection	6	Face to Face on campus	S2
SURG5028 Thorax, Back and Spinal Cord by Dissection	6	Face to Face on campus	S1
SURG5029 Upper and Lower Extremities by Dissection	6	Face to Face on campus	S1
SURG5030 Abdomen, Pelvis and Perineum by Dissection	6	Face to Face on campus	S1
<b>Elective units</b>			
Master of Surgery students must complete a <b>18 credit points</b> <b>elective units</b> of study.			
HAEM5001 Thrombosis and Haemostasis in Acute Care	6	Online	S2
SURG5003 Scientific Communication for Surgeons	6	Online	S1 or S2
SURG5011 Imaging Surgical Patients	6	Online	S2
SURG5016 Vascular and Endovascular Surgery	6	Online plus one day workshop	S2
SURG5017 Microsurgery	6	Face to face	S1 or S2
SURG5021 Surgical Immunology	6	Online	S1
SURG5025 Hepatobiliary and Pancreatic Surgery	6	Online	S1
SURG5031 Surgical Skills	6	Online plus two day workshop	S1

SURG5012 Surgical Metabolism	6	Online	S2
PATH5000 Surgical Pathology	6	Online	S1 or S2
SURG5035 Surgical Research and Evaluation	6	Online	S1
SURG5036 Surg Research: Translation and Innovation	6	Online	S2
SURG5032 Physiology for Surgeons	6	Online	S2
SURG5034 Surgical Anatomy based on GSSE	6	Face to face	S1 or S2
SURG5041 Surgical Oncology: Principles and Practice	6	Online	S1 or S2
SURG5042 Urological Oncology	6	Online plus one day workshop	S1C
SURG5043 Surgical Endoscopy	6	Online plus one day workshop	S2C

\*Limited places: Please email [jayne.seward@sydney.edu.au](mailto:jayne.seward@sydney.edu.au) to be placed on the wait list for the following units:

SURG5017 – Microsurgery 10 places (semester 1 and 2)  
 SURG5031 – Surgical Skills 40 places (semester 1)  
 SURG5016 – Vascular and Endovascular 12 places (semester 2)

## **GRADUATE CERTIFICATE IN ADVANCED CLINICAL SKILLS (SURGICAL ANATOMY) 2020**

The **Graduate Certificate in Advanced Clinical Skills (Surgical Skills)** requires the successful completion of **24 credit points** of units of study:

### **Tables of units of study:**

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Semester</b>
<b>Stream Core Units</b>			
SURG5027 Head and Neck by Dissection	6	Face to Face on campus	S2
SURG5028 Thorax, Back and Spinal Cord by Dissection	6	Face to Face on campus	S1
SURG5029 Upper and Lower Extremities by Dissection	6	Face to Face on campus	S1
SURG5030 Abdomen, Pelvis and Perineum by Dissection	6	Face to Face on campus	S1

You may complete one or more of these units and have them credited towards a Master of Surgery, Graduate Diploma in Surgery or the Graduate Certificate in Surgery provided you don't graduate out with the Graduate Certificate of Advanced Surgical Skills.

If you are enrolled in the Master of Surgery, you'll need to apply for the Grad Cert of Advanced Clinical Skills and be enrolled concurrently.

## **GRADUATE CERTIFICATE IN SURGICAL SCIENCES 2020**

The **Graduate Certificate in Surgical Sciences** requires the successful completion of **24 credit points** of units of study:

(For students who enrolled prior to 2020)

**Tables of units of study:**

<b><i>Unit of study</i></b>	<b><i>Credit points</i></b>	<b><i>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</i></b>	<b><i>Semester</i></b>
<b>Stream Core Units</b>			
SURG5031 Surgical Skills	6	Online plus two day workshop	S1
PATH5000 Surgical Pathology	6	Online	S1 or S2
SURG5032 Physiology and Pharmacology for Surgeons	6	Online	S2
SURG5034 Surgical Anatomy based on GSSE	6	Face to Face on campus	S1 or S2

## **GRADUATE CERTIFICATE OF SURGERY (BREAST) 2020**

The **Graduate Certificate of Surgery (Breast)** requires the successful completion of **24 credit points** of units of study:

### **Tables of units of study:**

<b>Unit of study</b>	<b>Credit points</b>	<b>A: Assumed knowledge P: Prerequisites C: Corequisites N: Prohibition</b>	<b>Semester</b>
<b>Stream Core Units</b>			
SURG5037 Basic Sciences and Benign Breast Disease	6	Online	S1
SURG5028 Malignant Breast Disease & MDTs	6	Online	S2
SURG5039 Oncoplastic Breast Surgery Level 1	6	Online	S1
SURG5040 Oncoplastic Breast Surgery Level 2	6	Online	S2

This course can be accredited to the Master of Surgery. Students who wish to complete the MS Breast Surgery must successfully complete the requirements of the Grad Cert in Surgery (Breast Surgery), without graduating to fulfill the stream specific core units of study requirements and transfer the credit to the MS.